102-14 / 102-16 LIBERTY AVENUE

QUEENS, NEW YORK

Remedial Action Report

NYC VCP Project Number 14CVCP234Q
OER Project Number 14EH-N350Q

Prepared For:
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REMEDIAL ACTION REPORT

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LIST OF ACRONYMS

Acronym	Definition
CAMP	Community Air Monitoring Plan
DER-10	NYS DEC Division of Environmental Remediation Technical Guidance Manual 10
EC	Engineering Control
HASP	Health and Safety Plan
IC	Institutional Control
NYC VCP	New York City Voluntary Cleanup Program
NYC DEP	New York City Department of Environmental Protection
NYC DOHMH	New York City Department of Health and Mental Hygiene
NYC OER	New York City Office of Environmental Remediation
ORC	Oxygen Release Compound
PID	Photoionization Detector
QA/QC	Quality Assurance/Quality Control
QEP	Qualified Environmental Professional
RAR	Remedial Action Report
RAWP	Remedial Action Work Plan
SCG	Standards, Criteria and Guidance
SCO	Soil Cleanup Objective
SMMP	Soil/Materials Management Plan
SMP	Site Management Plan
SVOCs	Semi-Volatile Organic Compounds
UST	Underground Storage Tank
VOCs	Volatile Organic Compounds

CERTIFICATION

I, James R Holzmacher P.E., certify the following:

- I am currently a registered professional engineer licensed by the State of New York.
- I performed professional engineering services and had primary direct responsibility for implementation of the remedial program for the 102-14/16 Liberty Avenue site, site number 14CVCP234Q.
- I have reviewed this document, to which my signature and seal are affixed.
- Engineering Controls implemented during this remedial action were designed by me or a person under my direct supervision and achieve the goals established in the Remedial Action Work Plan for this site.
- The Engineering Controls constructed during this remedial action were professionally observed by me or by a person under my direct supervision and (1) are consistent with the Engineering Control design established in the Remedial action Work Plan and (2) are accurately reflected in the text and drawings for as-built design reported in this Remedial Action Report.
- The OER-approved Remedial Action Work Plan dated March 2014 and Stipulations in a letter dated March 2015 were implemented and that all requirements in those documents have been substantively complied with. I certify that contaminated soil, fill, liquids or other material from the property were taken to facilities licensed to accept this material in full compliance with applicable laws and regulations.

J. Robert Holzmacher P.E.
Name

66054
PE License Number

Signature

2/29/2016
Date

PE Stamp

I, Philip Hoffken Jr., certify the following:

- I am a Qualified Environmental Professional.
- I had primary direct responsibility for implementation of the remedial program for the 102-14/16 Liberty Avenue site, site number 14CVCP234Q.
- The OER-approved Remedial Action Work Plan dated March 2014 and Stipulations in a letter dated March 2014 were implemented and that all requirements in those documents have been substantively complied with. I certify that contaminated soil, fill, liquids or other material from the property were taken to facilities licensed to accept this material in full compliance with applicable laws and regulations.

Philip Hoffken Jr.
QEP Name

QEP Signature

2/29/2016
Date

EXECUTIVE SUMMARY

Liberty Square in Ozone Park, LLC has enrolled in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a property located at 102-14 and 102-16 Liberty Avenue in Ozone Park section of Queens, New York. A Remedial Investigation (RI) was performed to compile and evaluate data and information necessary to develop a Remedial Action Work Plan (RAWP). A remedial action was performed pursuant to an OER-approved RAWP in a manner that has rendered the Site protective of public health and the environment consistent with the proposed use of the property. This RAR describes the remedial action performed under the RAWP. The remedial action described in this document provides for the protection of public health and the environment, complies with applicable environmental standards, criteria and guidance and applicable laws and regulations.

Site Location and Background

The Site is located at 102-14 and 102-16 Liberty Avenue in the Ozone Park section of Queens, New York and is identified as Block 9523 Lot 5 (formerly Lots 4 and 5) on the New York City Tax Map. Figure 1 shows the Site location. The Site, 9,646.14-square feet (sf) in area and is bounded by Liberty Avenue and an elevated subway, with a vacant building located at 77-15 Liberty Avenue to the north; residential buildings to the south; 103rd Street, with a mixed use commercial-residential building located at 103-02 Liberty Avenue to the east; and a residential building to the west. A map of the site boundary and surrounding area is shown in Figure 2.

The Site was formerly a vacant lot surrounded by a chain link fence, with an entrance on Liberty Avenue. A ten inch high by two feet wide concrete wall on the eastern, southern, and western boundaries of the property used to be below the chain link fence. The only other features at the site were a sewer clean-out located in the northwestern corner of the site, and a drain which lead off the property, located about four feet to the southeast of the sewer clean-out.

Summary of Redevelopment Plan

The Site development plan consists of a new 1-story building with 9,642 sf commercial/retail space and a cellar. The building was constructed from property line to property line, with a cellar, 8,008 sf in area. The cellar was excavated to approximately 20 feet

below grade with foundation footings extending another two feet to twenty-two feet below grade. Column footings were excavated to twenty-five feet below grade. The cellar was also constructed from property line to property line, with the exception of a setback of 16' 4" along the Liberty Avenue property line.

The first floor consists of two commercial spaces, each 642 sf in size, located along the western property boundary bordering Liberty Avenue. The third commercial space occupies the remaining first floor square footage and occupies the cellar. The cellar is accessible by an elevator located along 103rd Street, and a staircase, that wraps around the elevator. The current zoning designation is R6B - General Residence District, with commercial overlay C2-3 - Local Service District. The use is consistent with existing zoning for the property.

Summary of Surrounding Property

Directly north of the subject property, beyond Liberty Avenue, is 77-15 Liberty Avenue, a 3-story multi-family walk up apartment building, with a vacant commercial office on the 1st floor; to the west, adjacent to the property, is 102-08 Liberty Avenue, a 3 story residential house; to the south, adjacent to the property is 104-14 104th Street, a 3 story residential house; and to the east, beyond 103rd Street is 103-02 Liberty Avenue, a 3-story multi-family walk up apartment building with a convenience store on the first floor.

To the northwest on Liberty Avenue within 0.03 miles from 102-14 Liberty Avenue is Police Officer Nicholas Demutiis Park. To the southwest on Rockaway Boulevard within 0.05 miles from 102-14 Liberty Avenue is the community church Calvary Assembly of God. To the south, on Rockaway Boulevard within 0.11 miles from 102-14 is the John Adams High School. Figure 2 shows the surrounding land usage.

Summary of Past Site Uses of Site and Areas of Concern

A Phase I Environmental Site Assessment (ESA) prepared by Hydro Tech Environmental Corp., dated January 22, 2013, indicated that that the site was vacant until 1988, at which time the property was converted to a used auto sales lot owned by Anthony's Auto Sales. The property operated as a used auto sales lot until 2006.

Mr. Philip Hoffken Jr. and Ms. Heather Sonnenberg of JRH were on-site three times to

conduct activities associated with the RIR. There was no evidence of surficial contamination or activities that would cause such - consistent with the Phase I ESA.

Summary of the Work Performed under the Remedial Investigation

Liberty Square in Ozone Park, LLC performed the following scope of work:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Drilled seven soil borings across the entire project Site, and collected fourteen soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed three groundwater monitoring wells throughout the Site to establish groundwater flow and collected three groundwater samples for chemical analysis to evaluate groundwater quality;
4. Installed four soil vapor probes around Site perimeter and collected four samples for chemical analysis.
5. Investigated a possible drywell located in the northwest corner of the property.

Summary of Findings of Remedial Investigation

1. Elevation of the property ranges from 32 to 37 feet.
2. Depth to groundwater ranges from 25 to 27 feet at the Site.
3. Groundwater flow is generally from west-southwest to east-northeast beneath the Site.
4. Depth to bedrock is approximately 500 feet at the Site.
5. The stratigraphy of the site, from the surface down, consists of one to three feet of a silty clay with fine grained sand underlain by native mostly fine grained to coarse grained sands.
6. Soil samples collected during remedial investigation were compared to the 6NYCRR Part 375-6.8 Track 1 (Unrestricted Use SCOs) and Track 2 (Restricted Commercial SCOs). Soil/fill samples indicated no VOCs, SVOCs, pesticides or PCBs detected

above Track 1 Unrestricted Use SCOs. Three metals including lead (max. of 194 ppm), mercury (at 0.21 ppm), and zinc (at 144 ppm) exceeded Unrestricted Use SCOs in two shallow soil samples. No metals exceeded Track 2 Restricted Commercial Use SCOs. Overall, soil chemistry is unremarkable and does not indicate any historic fill.

7. Groundwater samples collected during the RI indicated no VOCs, SVOCs, or PCBs present in the groundwater at concentrations exceeding the NYSDEC 6 NYCRR Part 703.5 Groundwater Quality Standards (GQS). Trace concentrations of VOCs (including acetone, chloroform and methylene chloride), well below their respective GQS were detected in groundwater samples. Dieldrin was detected just above the GQS in one monitoring wells sample (laboratory estimated concentration of 0.013 ug/l). Several metals were identified in groundwater, but only dissolved manganese and sodium exceeded their respective GQS.

8. Soil vapor samples collected during the RI detected petroleum related and chlorinated VOCs at low concentrations. Concentrations of petroleum-related VOCs (BTEX) ranged from 40 $\mu g/m^3$ to 216 $\mu g/m^3$. Overall the highest reported concentrations were for acetone (maximum of 205 $\mu g/m^3$). Tetrachloroethylene (PCE) was identified in all four soil vapor samples at a maximum concentration of 35 $\mu g/m^3$. Trichloroethylene (TCE), TCA and carbon tetrachloride were not detected in soil vapor. The PCE concentrations are well below the monitoring level ranges established within the State DOH soil vapor guidance matrix.

Summary of the Remedial Action

The remedial action achieved protection of public health and the environment for the intended use of the property. The remedial action achieved all of the remedial action objectives established for the project and addressed applicable standards, criterion, and guidance; was effective in both the short-term and long-term and reduced mobility, toxicity and volume of contaminants; was cost effective and implementable; and used standards methods that are well established in the industry.

A summary of the milestones achieved in the Remedial Action is as follows: A Pre-Application Meeting was held on January 2, 2014. A Remedial Investigation (RI) was performed

from January to February, 2014. A RI Report was prepared to evaluate data and information necessary to develop a Remedial Action Work Plan (RAWP). A Site Contact List was established. A RAWP was prepared and released with a Fact Sheet on March 18, 2014 for a 30-day public comment period. The RAWP and Stipulation List dated March 18, 2014 was approved by the New York City Office of Environmental Remediation (OER) on April 19, 2014. A Pre-Construction Meeting was held on April, 19, 2014. A Fact Sheet providing notice of the start of the remedial action was issued on April 2014. The remedial action was begun in May, 2014 and completed in November, 2015.

The remedial action consisted of the following tasks:

1. Prepared a Community Protection Statement and implemented a Citizen Participation Plan.

2. Performed a Community Air Monitoring Program for particulates and volatile organic carbon compounds.

3. Established Track 1 Soil Cleanup Objectives (SCO's).

4. The following excavations were performed: The 16' 4" setback along Liberty Avenue was excavated to a depth of two feet below grade with foundation footings excavated to four feet below grade. For the remainder of the property, the cellar was excavated to approximately 20 feet below grade with foundation footings excavated to twenty-two feet below grade. Eight column footings were excavated to twenty-five feet below grade. A total of 6,862 cubic yards of soil/fill was excavated and removed from the property.

5. Excavated 650 cubic yards of non-hazardous soil/fill and transported to P Park NJ LLC, located in Prospect Park, NY 07508; excavated 4,736 cubic yards of non-hazardous soil/fill and transported to Hudson River Views Industrial Park, located at 45 Holt Drive, Stony Point, NY; excavated 486 cubic yards of clean native soil and transported to Evergreen Recycling, located at 12710 Northern Blvd, NY; and excavated 990 cubic yards of clean soil and transported to Flushing Meadows Lake – Meadow Lake Treatment Wetland utilizing the NYC Clean Soil Bank.

6. Collected and analyzed end-point samples to determine attainment of SCOs. Track 1 SCO's were achieved.

7. As part of development, construction of an engineered Composite Cover System consisting of a 4,000 psi concrete slab six inches thick overlying a sub-base of 6-inches of 3/4" gravel, wall footings two feet by three feet thick, and foundation walls twelve inches thick. The contractor for the Cover System construction was Long Lasting Construction.

8. As part of development, installed a Vapor Barrier System that consisted of Raven industries, 20-mil Vaporblock Plus VBP20 HDPE liner beneath the building slab and connecting to the VBP-20 placed on the foundation walls. All seems were overlapped with a minimum of six inches and tape with the supplied vapor barrier tape. The contractor for the Vapor Barrier System construction was Long Lasting Construction.

9. Performed all activities required for the Remedial Action, including permitting requirements and pretreatment requirements, in compliance with applicable laws and regulations.

10. Mobilized site security, equipment, utility mark outs and marking & staking excavation areas.

11. Screened excavated soil/fill during intrusive work for indications of contamination by visual means, odor, and monitoring with a PID.

12. Sampled and analyzed excavated media as required by disposal facilities. Appropriately segregated excavated media onsite prior to disposal. Transported and disposed all soil/fill material at permitted facilities in accordance with all applicable laws and regulations for handling, transport, and disposal, and the RAWP.

13. Implemented storm-water pollution prevention measures in compliance with applicable laws and regulations.

14. Imported soil to be used for backfill and cover in compliance with the Remedial Action Work Plan and in accordance with applicable laws and regulations.

15. Submitted a Sustainability Report.

16. Submitted an RAR that describes the Remedial Action; certifies that the remedial requirements defined in the RAWP have been achieved; defines the Site boundaries; and lists any changes from this RAWP.

REMEDIAL ACTION REPORT

1.0 SITE BACKGROUND

Liberty Square in Ozone Park LLC has enrolled in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a property located at 102-14 and 102-16 Liberty Avenue in Ozone Park section of Queens, New York. The boundary of the property subject to this Remedial Action is shown in Figure 2 and include, in their entirety, Queens, Block 9523 Lot 5 on the New York City Tax Map (it should be noted that during the course of the Remedial Action, the property formerly Lots 4 and 5 was merged into Lot 5. The Remedial Action was performed pursuant to the OER-approved RAWP in a manner that has rendered the property protective of public health and the environment consistent with its intended use. This RAR describes the remedial action performed under the RAWP. The remedial action described in this document provides for the protection of public health and the environment, complies with applicable environmental standards, criteria and guidance and applicable laws and regulations.

1.1 SITE LOCATION AND BACKGROUND

The Site is located at 102-14 and 102-16 Liberty Avenue in the Ozone Park section of Queens, New York and is identified as Block 9523 Lot 5 (formerly Lots 4 and 5) on the New York City Tax Map. Figure 1 shows the Site location. The Site, 9,646.14-square feet (sf) in area, is bounded by Liberty Avenue and an elevated subway, with a vacant building located at 77-15 Liberty Avenue to the north; residential buildings to the south; 103rd Street, with a mixed use commercial-residential building located at 103-02 Liberty Avenue to the east; and a residential building to the west. A map of the site boundary and surrounding area is shown in Figure 2.

The Site was formerly a vacant lot surrounded by a chain link fence, with an entrance on Liberty Avenue. A ten inch high by two feet wide concrete wall on the eastern, southern, and western boundaries of the property used to be below the chain link fence. The only other features at the site were a sewer clean-out located in the northwestern corner of the site, and a drain which lead off the property, located about four feet to the southeast of the sewer clean-out.

1.2 REDEVELOPMENT PLAN

The Site development plan consists of a new 1-story building with 9,642 sf commercial/retail space and a cellar. The building was constructed from property line to property line, with a cellar, 8,008 sf in area. The cellar was excavated to approximately 20 feet below grade with foundation footings extending another two feet to twenty-two feet below grade. Column footings were excavated to twenty-five feet below grade. The cellar was also constructed from property line to property line, with the exception of a setback of 16' 4" along the Liberty Avenue property line.

The first floor consists of two commercial spaces, each 642 sf in size, located along the western property boundary bordering Liberty Avenue. The third commercial space occupies the remaining first floor square footage and occupies the cellar. The cellar is accessible by an elevator located along 103rd Street, and a staircase, that wraps around the elevator. The current zoning designation is R6B - General Residence District, with commercial overlay C2-3 - Local Service District. The use is consistent with existing zoning for the property.

1.3 DESCRIPTION OF SURROUNDING PROPERTY

Directly north of the subject property beyond Liberty Avenue is 77-15 Liberty Avenue, a 3-story multi-family walk up apartment building, with a vacant commercial office on the 1st floor; to the west, adjacent to the property is 102-08 Liberty Avenue, a 3 story residential house; to the south, adjacent to the property is 104-14 104th Street, a 3 story residential house; and to the east, beyond 103rd Street is 103-02 Liberty Avenue, a 3-story multi-family walk up apartment building with a convenience store on the first floor.

To the northwest on Liberty Avenue within 0.03 miles from 102-14 Liberty Avenue is Police Officer Nicholas Demutiis Park. To the southwest on Rockaway Boulevard within 0.05 miles from 102-14 Liberty Avenue is the Calvary Assembly of God. To the south, on Rockaway Boulevard within 0.11 miles from 102-14 is the John Adams High School.

Figure 2 shows the surrounding land usage.

1.4 SUMMARY OF PAST SITE USES AND AREAS OF CONCERN

A Phase I Environmental Site Assessment (ESA) prepared by Hydro Tech Environmental Corp., dated January 22, 2013indicated that that the site was vacant until 1988, at which time the property was converted to a used auto sales lot owned by Anthony's Auto Sales. The property operated as a used auto sales lot until 2006. Mr. Philip Hoffken Jr. and Ms. Heather Sonnenberg of JRH were on-site three times to conduct activities associated with the RIR. There was no evidence of surficial contamination or activities that would cause such - consistent with the Phase I ESA.

1.5 SUMMARY OF WORK PERFORMED UNDER THE REMEDIAL INVESTIGATION

Liberty Square in Ozone Park, LLC performed the following scope of work:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Drilled seven soil borings across the entire project Site, and collected fourteen soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed three groundwater monitoring wells throughout the Site to establish groundwater flow and collected three groundwater samples for chemical analysis to evaluate groundwater quality;
4. Installed four soil vapor probes around Site perimeter and collected four samples for chemical analysis.
5. Investigated a possible drywell located in the northwest corner of the property.

1.6 SUMMARY OF FINDINGS OF REMEDIAL INVESTIGATION

1. Elevation of the property ranges from 32 to 37 feet.
2. Depth to groundwater ranges from 25 to 27 feet at the Site.
3. Groundwater flow is generally from west-southwest to east-northeast beneath the Site.

4. Depth to bedrock is approximately 500 feet at the Site.

5. The stratigraphy of the site, from the surface down, consists of one to three feet of a silty clay with fine sand underlain by native mostly fine grained to coarse grained sand.

6. Soil samples collected during remedial investigation were compared to the 6NYCRR Part 375-6.8 Track 1 (Unrestricted Use SCOs) and Track 2 (Commercial SCOs). Soil/fill samples indicated no VOCs, SVOCs, pesticides or PCBs detected above Track 1 Unrestricted Use SCOs. Three metals including lead (max. of 194 ppm), mercury (at 0.21 ppm), and zinc (at 144 ppm) exceeded Unrestricted Use SCOs in two shallow soil samples. No metals exceeded Track 2 Restricted Commercial Use SCOs. Overall, soil chemistry is unremarkable and does not indicate any disposal.

7. Groundwater samples collected during the RI indicated no VOCs, SVOCs, or PCBs present in the groundwater at concentrations exceeding the NYSDEC 6 NYCRR Part 703.5 Groundwater Quality Standards (GQS). Trace concentrations of VOCs (including acetone, chloroform and methylene chloride), well below their respective GQS were detected in groundwater samples. Dieldrin was detected just above the GQS in one monitoring wells sample (laboratory estimated concentration of 0.013 ug/l). Several metals were identified in groundwater, but only dissolved manganese and sodium exceeded their respective GQS.

8. Soil vapor samples collected during the RI detected petroleum related and chlorinated VOCs at low concentrations. Concentrations of petroleum-related VOCs (BTEX) ranged from 40 µg/m3 to 216 µg/m3. Overall the highest reported concentrations were for acetone (maximum of 205 µg/m3). Tetrachloroethylene (PCE) was identified in all four soil vapor samples at a maximum concentration of 35 µg/m3. Trichloroethylene (TCE), TCA and carbon tetrachloride were not detected in soil vapor. The PCE concentrations are well below the monitoring level ranges established within the State DOH soil vapor guidance matrix.

For more detailed results, consult the RIR. Based on an evaluation of the data and information from the RIR and this RAWP, disposal of significant amounts of hazardous waste is not suspected at this site.

2.0 DESCRIPTION OF REMEDIAL ACTIONS

The remedial action was performed in accordance with an OER approved Remedial Action Work Plan and achieved the remedial action objectives established for the project. The remedial action was evaluated in an alternatives analysis and was determined to be protective of human health and the environment, compliant with standards, criteria, and guidelines (SCGs), effective in the short-term, effective in the long-term, capable of attaining appropriate levels of reduction of toxicity, mobility, or volume of contaminated material, implementable, cost effective, acceptable to the community, consistent with land uses, and sustainable.

A summary of the milestones achieved in the Remedial Action is as follows: A Pre-Application phone call was held on January 2, 2014. A Remedial Investigation (RI) was performed from January to February, 2014. A RI Report was prepared to evaluate data and information necessary to develop a Remedial Action Work Plan (RAWP). A Site Contact List was established. A RAWP was prepared and released with a Fact Sheet on March 19, 2014 for a 30-day public comment period. The RAWP and Stipulation List dated March 18, 2014 was approved by the New York City Office of Environmental Remediation (OER) on April 19, 2014. A Pre-Construction meeting was held on April, 19, 2014. A Fact Sheet providing notice of the start of the remedial action was issued on April 2014. The remedial action was begun on May 1, 2014 and completed in June, 2015.

The remedial action consisted of the following tasks:

1. Prepared a Community Protection Statement and implemented a Citizen Participation Plan.
2. Performed a Community Air Monitoring Program for particulates and volatile organic carbon compounds.
3. Established Track 1, Soil Cleanup Objectives (SCO's).
4. The following excavations were performed: The 16' 4" setback along Liberty Avenue was excavated to a depth of two feet below grade with foundation footings excavated to four feet below grade. The cellar was excavated to approximately 20 feet below grade with foundation footings excavated to twenty-two feet below grade.

Eight column footings were excavated to twenty-five feet below grade. A total of 6,862 cubic yards of soil/fill was excavated and removed from the property.

5. Excavated 650 cubic yards of non-hazardous soil/fill and transported to P Park NJ LLC, located in Prospect Park, NY 07508; excavated 4,736 cubic yards of non-hazardous soil/fill and transported to Hudson River Views Industrial Park, located at 45 Holt Drive, Stony Point, NY; excavated 486 cubic yards of clean native soil and transported to Evergreen Recycling, located at 12710 Northern Blvd, NY; and excavated 990 cubic yards of clean soil and transported to Flushing Meadows Lake – Meadow Lake Treatment Wetland utilizing the NYC Clean Soil Bank.
6. Collected and analyzed end-point samples to determine attainment of SCOs. Track 1 SCO's were achieved.
7. As part of development, construction of an engineered Composite Cover System consisting of a 4,000 psi concrete slab six inches thick atop 6" of ¾" gravel, wall footings two feet by three feet thick, and foundation walls twelve inches thick. The contractor for the Cover System construction was Long Lasting Construction.
8. Installed a Vapor Barrier System that consisted of Raven industries, 20-mil Vaporblock Plus VBP20 HDPE liner beneath the building slab and around the building slab, and connecting to the VBP-20 placed on the foundation walls. All seems were overlapped with a minimum of six inches and tape with the supplied vapor barrier tape. The contractor for the Vapor Barrier System construction was Long Lasting Construction.
9. Performed all activities required for the Remedial Action, including permitting requirements and pretreatment requirements, in compliance with applicable laws and regulations.
10. Mobilized site security, equipment, utility mark outs and marking & staking excavation areas.
11. Screened excavated soil/fill during intrusive work for indications of contamination by visual means, odor, and monitoring with a PID.
12. Sampled and analyzed excavated media as required by disposal facilities. Appropriately segregated excavated media onsite prior to disposal. Transported and

disposed all soil/fill material at permitted facilities in accordance with all applicable laws and regulations for handling, transport, and disposal, and the RAWP.

13. Implemented storm-water pollution prevention measures in compliance with applicable laws and regulations.
14. Imported soil to be used for backfill and cover in compliance with the Remedial Action Work Plan and in accordance with applicable laws and regulations.
15. Submitted a Sustainability Report.
16. Submitted an RAR that describes the Remedial Action; certifies that the remedial requirements defined in the RAWP have been achieved; defines the Site boundaries; and lists any changes from this RAWP.

3.0 COMPLIANCE WITH REMEDIAL ACTION WORK PLAN

3.1 HEALTH & SAFETY PLAN

The remedial construction activities performed under this program were in compliance with the Health and Safety Plan and applicable laws and regulations. The Site Safety Coordinator was Philip Hoffken Jr.

3.2 COMMUNITY AIR MONITORING PLAN

The Community Air Monitoring Plan provided for the collection and analysis of air samples during remedial construction activities to ensure proper protections were employed to protect workers and the neighboring community. Monitoring was performed in compliance with the Community Air Monitoring Plan in the approved RAWP. The results of Community Air monitoring are shown in Appendix D.

3.3 SOIL/MATERIALS MANAGEMENT PLAN

The Soil/Materials Management Plan provided detailed plans for managing all soil/materials that were disturbed at the Site, including excavation, handling, storage, transport and disposal. It also included a series of controls to assure effective, nuisance free remedial activity in compliance with applicable laws and regulations. Remedial construction activities performed under this program were in compliance with the SMMP in the approved RAWP.

3.4 STORM-WATER POLLUTION PREVENTION

Storm water pollution prevention included physical methods and processes to control and/or divert surface water flows and to limit the potential for erosion and migration of Site soils, via wind or water. Remedial construction activities performed under this program were in full compliance with methods and processes defined in the RAWP for storm water prevention and applicable laws and regulations.

3.5 DEVIATIONS FROM THE REMEDIAL ACTION WORK PLAN

No deviations from the RAWP occurred.

4.0 REMEDIAL PROGRAM

4.1 PROJECT ORGANIZATION

Principal personnel who will participate in the remedial action include Philip Hoffken Jr., Project Manager. The Professional Engineer (PE) and Qualified Environmental Professionals (QEP) for this project are James R. Holzmacher P.E. and Philip Hoffken Jr.

4.2 SITE CONTROLS

Site Preparation

Pre-Construction Meeting

A pre-construction meeting was held at OER offices. Involved parties included: OER staff, owner of the property, general contractor and environmental consultant.

Mobilization

Mobilization was conducted as necessary for each phase of work at the Site. Mobilization included field personnel orientation, equipment mobilization (including securing all sampling equipment needed for the field investigation), marking/staking sampling locations and utility mark-outs. Each field team member attended an orientation meeting to become familiar with the general operation of the Site, health and safety requirements, and field procedures.

Utility Marker Layouts, Easement Layouts

The presence of utilities and easements on the Site were fully investigated prior to the performance of invasive work such as excavation or drilling under this plan the One-Call System (811) was used. The only underground utility present was electrical conduit for the perimeter lighting.

An OER Project Notice was erected at the project entrance and was in place during all phases of the Remedial Action.

Soil Screening

Visual, olfactory and PID soil screening and assessment were performed under the supervision of a Qualified Environmental Professional and are reported in the RAR. Soil

screening was performed during invasive work performed during the remedy and development phases prior to issuance of the Notice of Completion.

Stockpile Management

During the excavation, once an excavation pit was opened, no stockpiles were used, as soils to be excavated were kept on the slopes of the excavation pit.

Truck Inspection

Outbound-trucks were inspected after they were loaded with the appropriate material. Typically, the inspections were conducted by the driver who swept the back of their truck to remove and loose debris. Instances where the driver did not inspect the truck, the contractor swept the truck of any loose debris. Brooms, shovels and potable water will be utilized for the removal of soil from vehicles and equipment, as necessary.

Site Security

Site access was controlled by gated entrances to the plywood fenced property.

Nuisance Controls

Odor Control

All necessary means were employed to prevent on- and off-Site odor nuisances. At a minimum, procedures included: (a) limiting the area of open excavations; (b) shrouding open excavations with tarps and other covers; and (c) use of foams to cover exposed odorous soils. No odors were observed during the course of construction.

The odor control plan, detailed in the RAWP, is capable of controlling emissions of nuisance odors. If nuisance odors were identified, work would have been halted and the source of odors identified and corrected. Work would have resumed until all nuisance odors have been abated. OER would have been notified of all odor complaint events. Implementation of all odor controls, including halt of work, was the responsibility of the PE/QEP's certifying the Remedial Action Report.

Dust Control

Dust management during invasive on-Site work included, at a minimum:

- Use of a dedicated water spray methodology for roads, excavation areas and stockpiles.
- Use of properly anchored tarps to cover stockpiles.
- Exercise extra care during dry and high-wind periods.
- Use of gravel or recycled concrete aggregate on egress and other roadways to provide a clean and dust-free road surface.

This dust control plan was capable of controlling emissions of dust. If nuisance dust emissions were identified, work was halted and the source of dusts were identified and corrected. Work did not resume until all nuisance dust emissions have been abated. OER would be notified of all dust complaint events. Implementation of all dust controls, including halt of work, was the responsibility of the PE/QEP's responsible for certifying the Remedial Action Report.

Other Nuisances

Noise control was exercised during the remedial program. All remedial conformed with, at a minimum, to NYC noise control standards.

Rodent control was provided during Site clearing and grubbing, and during the remedial program, as necessary, to prevent nuisances.

Reporting

Daily Reports

Daily reports providing a general summary of activities for each day of active excavation and soil disturbance remedial work were emailed to the OER Project Manager by the end of the following day. Those reports included:

- Project number and statement of the activities and an update of progress made and locations of work performed;
- Quantities of material imported and exported from the Site;
- Status of on-Site soil/fill stockpiles;

- A summary of all citizen complaints, with relevant details (basis of complaint; actions taken; etc.);
- A summary of CAMP excursions, if any;
- Photographs of notable Site conditions and activities.

The frequency of the reporting period may be revised in consultation with OER project manager based on planned project tasks. Daily email reports are not intended to be the primary mode of communication for notification to OER of emergencies (accidents, spills), requests for changes to the RAWP or other sensitive or time critical information. However, such information would be included in the daily reports. Emergency conditions and changes to the RAWP will be communicated directly to the OER project manager by personal communication. An alpha-numeric site map was used to identify locations described in reports submitted to OER and is shown in Figure 3.

Record Keeping and Photo-Documentation

Job-site record keeping for all remedial work was performed. These records were maintained on-Site during the project and will be available for inspection by OER staff. Representative photographs were taken of the Site prior to any remedial activities and during major remedial activities to illustrate remedial program elements and contaminant source areas.

All daily and monthly reports are included in Appendix C. Digital photographs of the Remedial Action are included in Appendix E.

4.3 MATERIALS EXCAVATION AND REMOVAL

Soil excavation began once the asphalt and asphalt subbase was excavated and removed from the site. To remove the asphalt, an excavator broke up and scrapped away the asphalt. Once most of the asphalt was removed, a skid steer was used to remove the subbase which consisted of 1” stone approximately two inches think.

On May 27, 2015 excavation for the cellar began. During the course of the excavation, areas around soil borings B-1, B-3, and B-7 were excavated about a foot to remove the soils impacted by metals. Only a foot was removed because of visual evidence. This visual evidence

showed the top foot of the site consisted of packed medium grained and fine grained sand. Below this layer, there was a distinct change in lithology to medium grained and coarse grained sands with no visible staining. These lightly impacted soils were impacted by lead, mercury, zinc and were disposed of at P Park NJ, LLC (PPark), located in Prospect Park, NJ 07508 as "Residential Clean Fill" between May 27 and May 29, 2014. Approximately 650 cubic yards were disposed of at PPark. Once this soil was removed, all impacted soils – any soils with contaminates above the NYSDEC Unrestricted Use SCO's were removed from the site.

A map showing the location of the impacted soil where excavations were performed is shown in Figure 4.

End Point Sample Results

At the conclusion of excavation activities four endpoints were collected on July 16, 2015 to show the removal of all impacted soils and that the site has met the criteria for a Track 1 Cleanup. One sample was collected from each grid for analysis of VOCs, SVOCs, PCBs, Pesticides, and TAL Metals. These samples, collected at 20' below grade, were collected in appropriate laboratory supplied glass jars, placed on ice and delivered to American Analytical Laboratories in Farmingdale, NY under Chain of Custody.

Analytical results of the samples indicated the presence of the following compounds:

VOCs:

Methylene chloride (max concentration of 5.8 ppb)

TAL Metals:

Aluminum (max concentration of 2,210 ppm), Arsenic (max concentration of 1.17 ppm), Barium (max concentration of 17.9ppm), Calcium (max concentration of 702 ppm), Chromium (max concentration of 8.8 ppm), Copper (max concentration of 7.77 ppm), Iron (max concentration of 13,400ppm), Lead (max concentration of 6.28 ppm), Magnesium (max concentration of 785 ppm), Manganese (max concentration of 233 ppm), Nickel (max concentration of 7.32 ppm), Potassium (max concentration of 404 ppm), Sodium (max concentration of 82.1 ppm), Vanadium (max concentration of 12.8 ppm), and Zinc (max concentration of 16 ppm).

Analytical results did not detect any SVOCs, Pesticides, or PCBs in the samples. Of the detected VOCs and TAL Metals, all were well below their respective NYSDEC Unrestricted Use SCOs.

A map of end-point sample locations is shown in Figure 5. A tabular summary of end-point sampling results compared to SCO's is included in Tables 1 through 5. Analytical laboratory reports are attached in Appendix I.

4.4 MATERIALS DISPOSAL

The material type, quantity and disposal location of material removed and disposed off-Site is presented below in Table 12:

Table 12

Disposal Location/Address	Type of Material	Quantity
P Park NJ LLC Prospect Park, NJ 07508 Residential Clean Fill	NJ Residential Clean Fill Soil	650 cubic yards
Hudson River Views Industrial Park 45 Holt Dr. Stony Point, NY	Clean Fill	4,736 cubic yards
Evergreen Recycling 12710 Northern Blvd, Queens, NY	NYS DEC Part 375 Unrestricted	486 cubic Yards
Clean Soil Bank Flushing Meadows Lake – Meadow Lake Treatment Wetland	Clean Soil in NYC Clean Soil Bank	990 cubic yards

Letters from the disposal facilities stating it is approved to accept above materials are attached in Appendix F. Manifests are included in Appendix G. A summary of the waste characterization sample results are presented in Tables 6 through 11, with waste characterization laboratory results in Appendix H.

4.5 BACKFILL IMPORT

Importing of backfill for the site was not conducted.

5.0 ENGINEERING CONTROLS

A Track 1 Remedial Action was achieved and Engineering Controls are not required. However, as part of construction, several protective systems were installed. These are:

(1) a Composite Cover System consisting of asphalt covered roads, concrete covered sidewalks, and concrete building slabs; and

(2) Vapor Barrier System.

Composite Cover System

As part of development, an engineered Composite Cover System has been built on the Site. This Composite Cover System is comprised of a 4,000 psi 6-inch reinforced concrete slab over 6-inches of 3/4" gravel sub-base with reinforced concrete footings 2' x 3' in size that run along the entire perimeter of the cellar. A 1-foot thick reinforced concrete foundation wall encircles the entire foundation slab and continues above grade. In the area where the 16'1" set back is located, a concrete cover consisting of 6-inches of reinforced concrete slab covers the remaining portion of the property. The site is completely built upon with no open space areas. The contractor for the Composite Cover System construction was Long Lasting Contracting.

Figure 6 shows the as-built design for each remedial cover type used on this Site. Figure 6 shows the color coded location of each cover type built at the Site. Photographs of construction of the Composite Cover System are included in Appendix E.

Vapor Barrier System

Exposure to any potential soil vapors from offsite will be prevented by a Vapor Barrier System that has been built on the Site. This Vapor Barrier System consists of a vapor barrier beneath the building slabs and behind the foundation walls of the proposed building. 20-mil VaporBlock Plus vapor barrier membrane by Raven was installed beneath the footing slab. The vapor barrier was extended up to grade level by attaching it to the exterior sides of foundation walls using 20-mil VaporBlock Plus vapor barrier membrane. All overlaps were 12" wide and secured with a 4" foil tape. All penetrations were sealed with a boots fabricated from excess vapor barrier membranes, and sealed with the foil tape. All holes or tears are effectively sealed by overlapping the opening 12" and sealing with the foil tape. The professional engineer for the

Vapor Barrier System was J. Robert Holzmacher P.E. The contractor for the Vapor Barrier System construction was Long Lasting Contracting.

Figure 7 shows the as-built design for the Vapor Barrier System used on this Site. Photographs of installation of the Vapor Barrier System are included in Appendix E. A copy of the certificate of warranty is included in Appendix J.

6.0 INSTITUTIONAL CONTROLS

A Track 1 Remedial Action was achieved in the Remedial Action and Engineering Controls and Institutional Controls are not required.

7.0 SITE MANAGEMENT PLAN

A Track 1 Remedial Action was achieved and Site Management is not required.

8.0 SUSTAINABILITY REPORT

This Remedial Action Work Plan provides for sustainable remediation and redevelopment through a variety of means that are defined in this Sustainability Report.

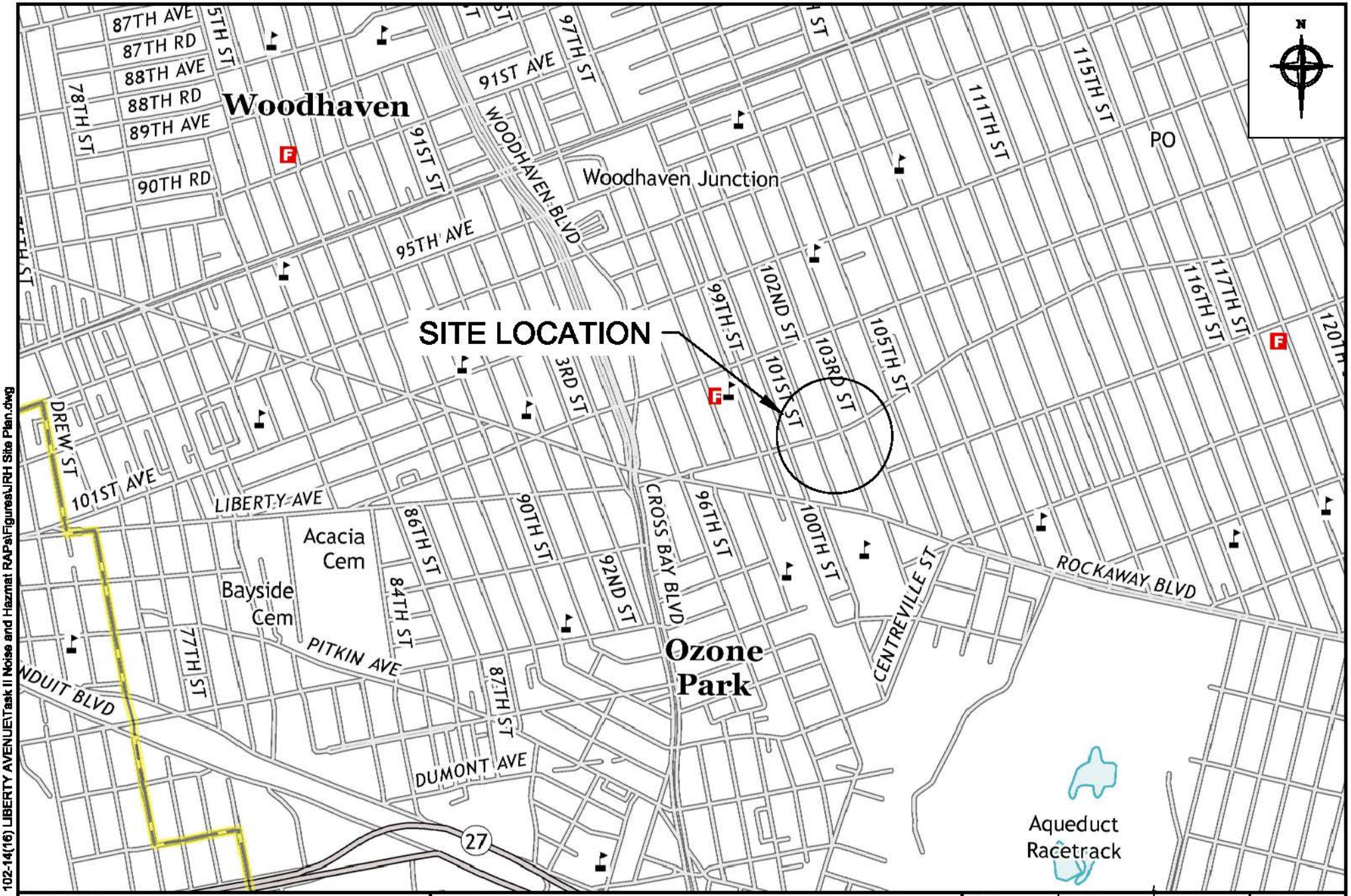
Recontamination Control. Recontamination after cleanup and redevelopment is completed undermines the value of work performed, may result in a property that is less protective of public health or the environment, and may necessitate additional cleanup work later that could impede future redevelopment. Recontamination can arise from future releases that occur within the property or by influx of existing contamination from off-Site.

The area of the Site that utilizes recontamination controls under this plan is 100% of the project area. The measures taken to prevent site recontamination include the installation of a vapor barrier membrane below the entire cellar slab and first floor set-back concrete slab and along all foundation walls and “Track 1” soil site remediation assuring that there are is no contaminated soil left on site

Paperless Brownfield Cleanup Program. Liberty Square in Ozone Park, LLC participated in OER’s Paperless Brownfield Cleanup Program. Under this program, submission of electronic documents replaced submission of hard copies for the review of project documents, communications and milestone reports. A best estimate of the mass (pounds) of paper saved under this plan is 25 pounds.

Low-Energy Project Management Program. Liberty Square in Ozone Park, LLC participated in OER’s low-energy project management program. Under this program, whenever possible, meetings were held using remote communication technologies, such as videoconferencing and teleconferencing to reduce energy consumption and traffic congestion associated with personal transportation. A gross estimate of the number of miles of personal transportation that was conserved in this process is 300 miles.

FIGURES



P:\2014\Yuna\14-01 102-14(16) LIBERTY AVENUE\Task II Noise and Hazmat RAPs\Figures\JRH Site Plan.dwg

PREPARED BY:

J.R. HOLZMACHER P.E., LLC

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In Water Supply, Water Resources,
Civil and Environmental Engineering

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PHONE # (631) 234-2220 *FAX # (631) 234-2221*
E-MAIL: info@holzmacher.com

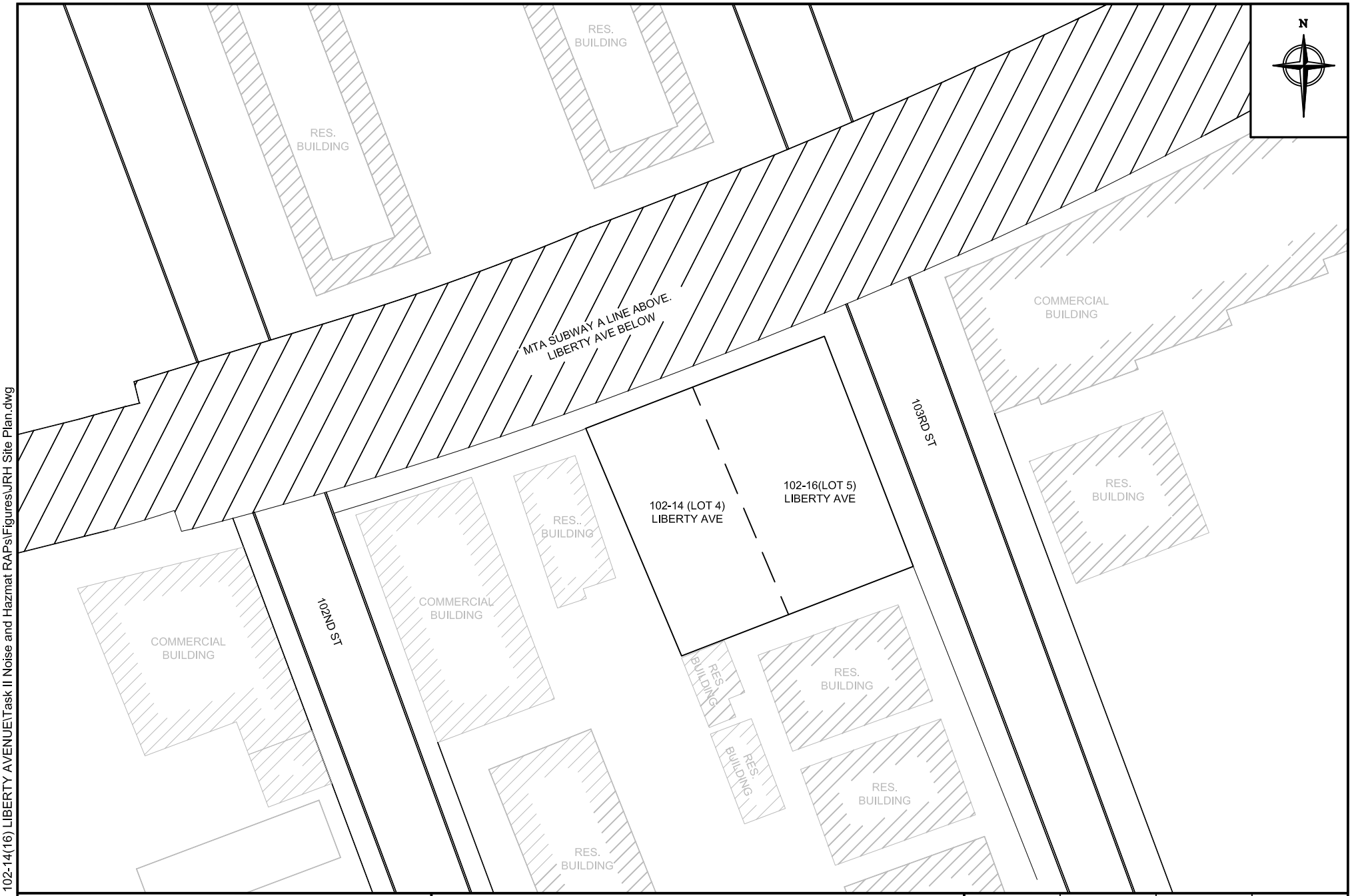
TITLE:

Location Map

102-14 & 102-16 Liberty Ave
Ozone Park, NY 11417

DWN:	SCALE:	DATE:	PROJECT NO.:
HVS	NTS	02/07/14	YunaJ 14-01
CHKD:	APPD:	REV.:	NOTES:
-	JMD	-	-

FIGURE NO.: 1



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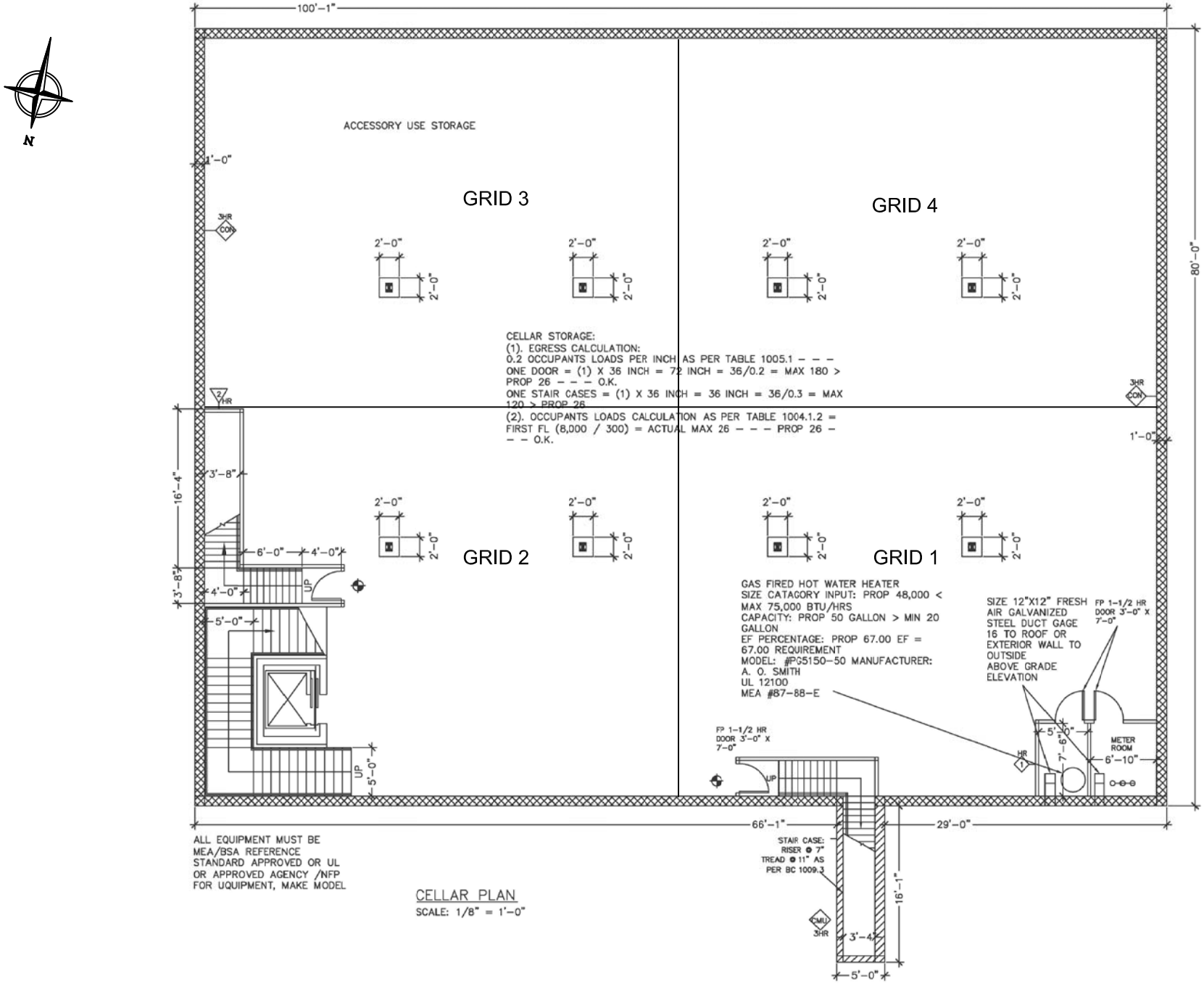
TITLE:

Site Boundary & Surrounding Land Usage Map

102-14 & 102-16 Liberty Ave
Ozone Park, NY 11417

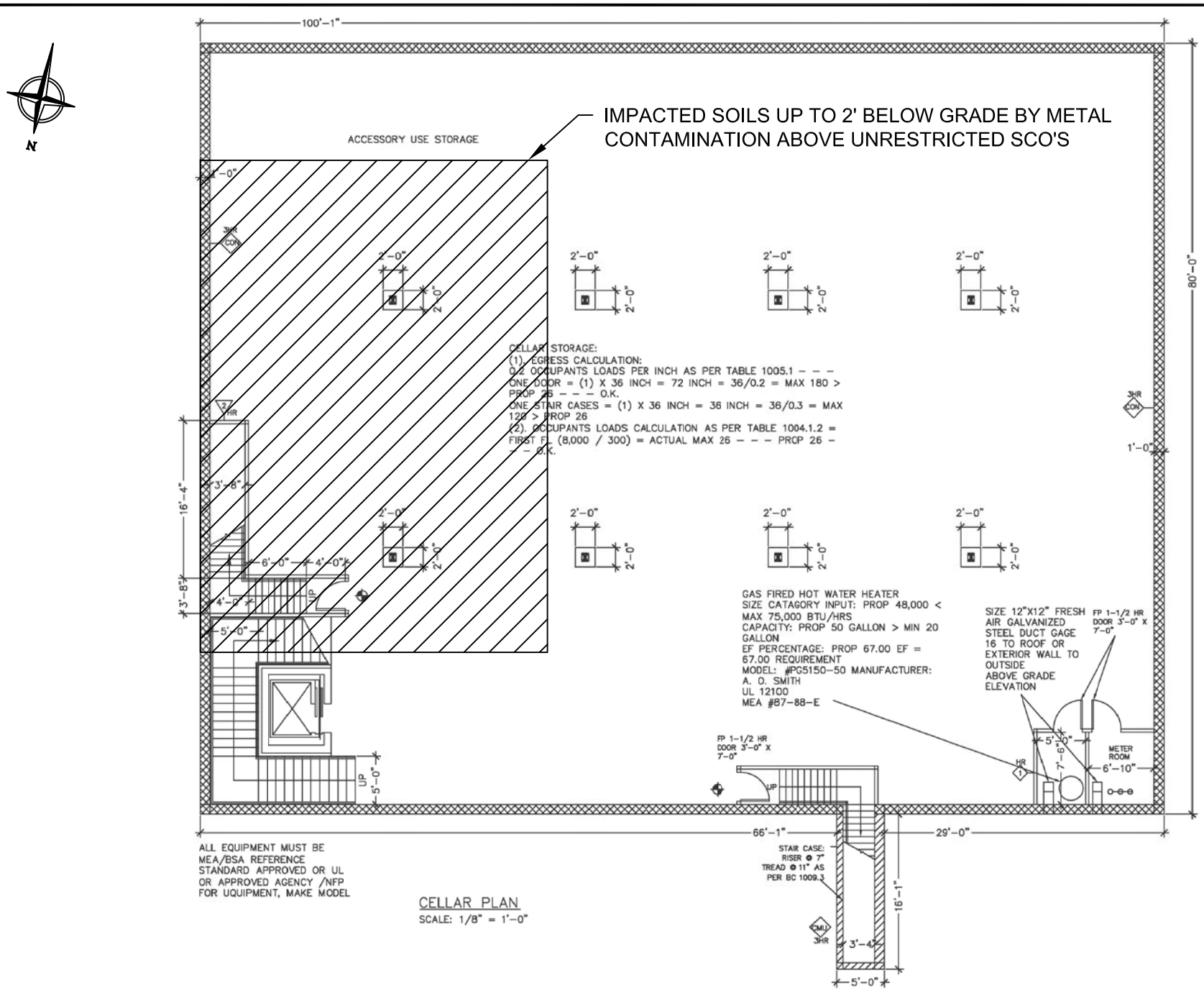
DWN:	SCALE:	DATE:	PROJECT NO.:
BJH	1" = 30'	02/07/14	YunaJ 14-01
CHKD:	APPD:	REV.:	NOTES:
HVS	JMD	-	-
FIGURE NO.:			
2			

P:\2014\YunaJ\14-01 102-14(16) LIBERTY AVENUE\Task II Noise and Hazmat RAPs\Figures\JRH Site Plan.dwg



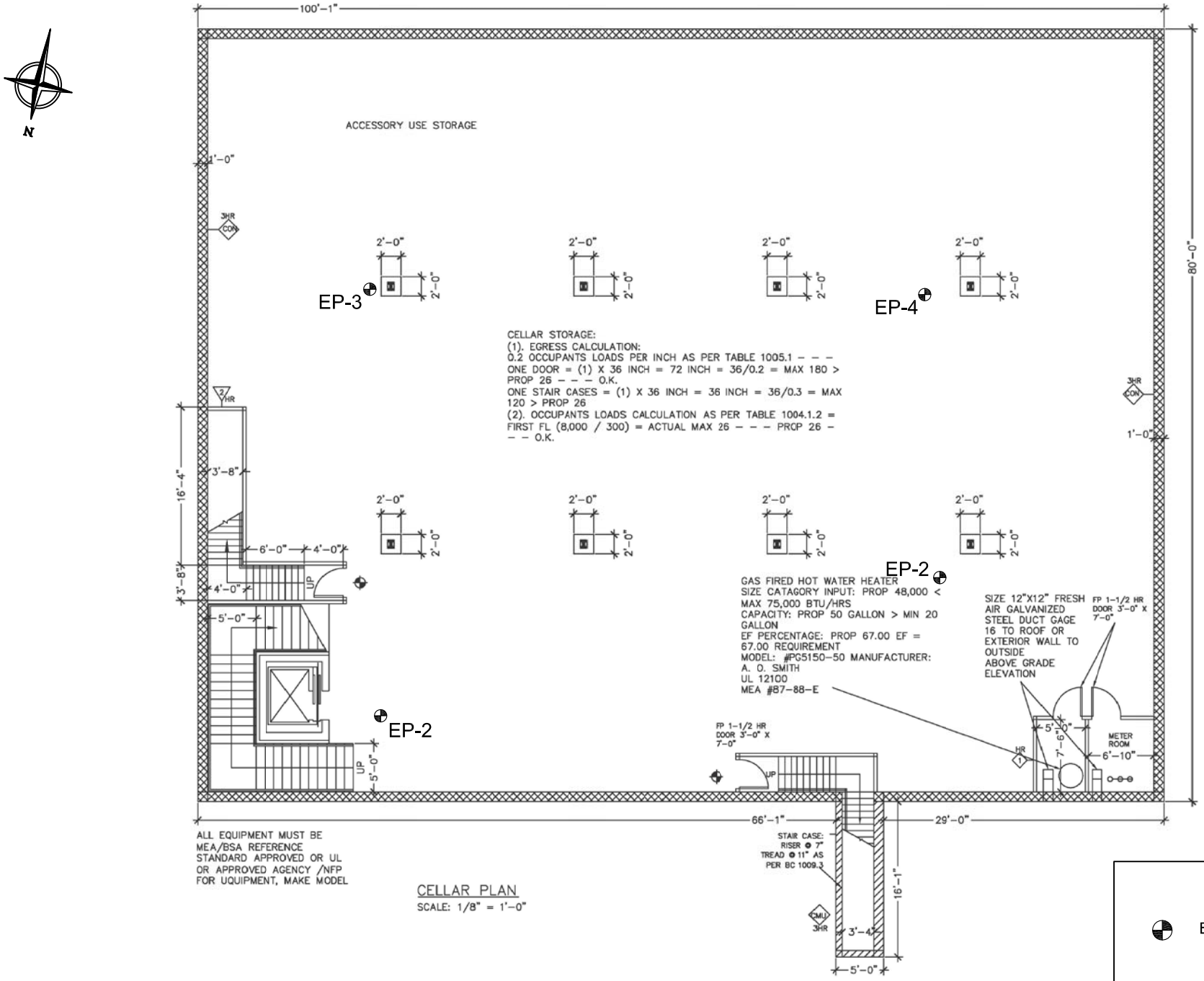
CELLAR PLAN
SCALE: 1/8" = 1'-0"

PREPARED BY:	TITLE:	DWN:	SCALE:	DATE:	PROJECT NO.:
J.R. HOLZMACHER P.E., LLC *The Third Generation of Excellence* *In Water Supply, Water Resources,* *Civil and Environmental Engineering* *3555 VETERANS MEMORIAL HIGHWAY,* *SUITE A, RONKONKOMA, NY 11779* *PHONE # (631) 234-2220 FAX # (631) 234-2221* *E-MAIL: info@holzmacher.com*	**Site Grid Map** 102-14 / 102-16 Liberty Avenue Queens, New York	LJF		12/1/15	Yuna J 14-01
		CHKD: PJH	APPD: PJH	REV.: -	NOTES: -
		FIGURE NO.: 3			



CELLAR PLAN
SCALE: 1/8" = 1'-0"

PREPARED BY:	TITLE:	DWN:	SCALE:	DATE:	PROJECT NO.:
J.R. HOLZMACHER P.E., LLC *The Third Generation of Excellence* *In Water Supply, Water Resources,* *Civil and Environmental Engineering* *3555 VETERANS MEMORIAL HIGHWAY,* *SUITE A, RONKONKOMA, NY 11779* *PHONE # (631) 234-2220 FAX # (631) 234-2221* *E-MAIL: info@holzmacher.com*	**FORMER IMPACT SOIL LOCATION** 102-14 / 102-16 Liberty Avenue Queens, New York	LJF		12/1/15	YunaJ 14-01
		CHKD: PJH	APPD: PJH	REV.: -	NOTES: -
		FIGURE NO.: 4			



CELLAR PLAN
SCALE: 1/8" = 1'-0"

LEGEND:

END-POINT SAMPLE LOCATION

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TITLE:

End-Point Location Map

102-14 / 102-16 Liberty Avenue
Queens, New York

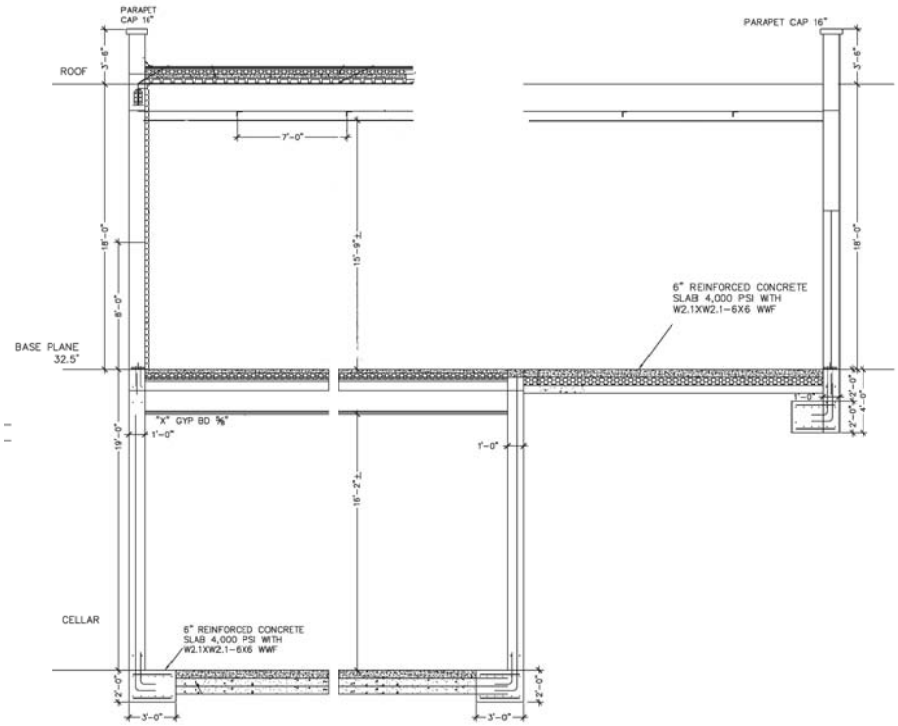
DWN:	SCALE:	DATE:	PROJECT NO.:
LJF		12/1/15	YunaJ 14-01
CHKD:	APPD:	REV.:	NOTES:
PJH	PJH	-	-
FIGURE NO.:			
5			

LEGEND

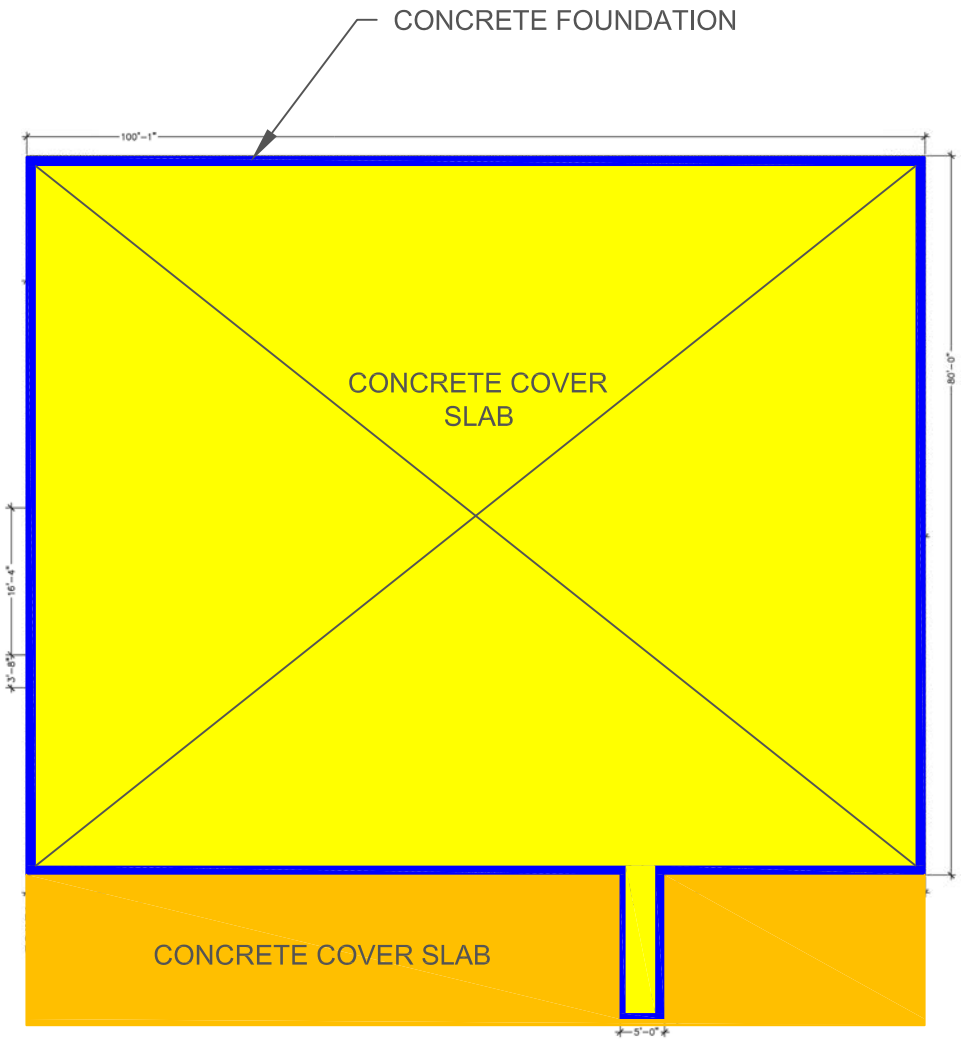
LOCATION OF SUB GRADE FOUNDATION WALLS

LOCATION OF CONCRETE SLAB LOCATED 19' BELOW GRADE

LOCATION OF CONCRETE COVER SLAB LOCATED AT GRADE



COVER SYSTEM AS-BUILT



COVER SYSTEM LOCATION

PREPARED BY:

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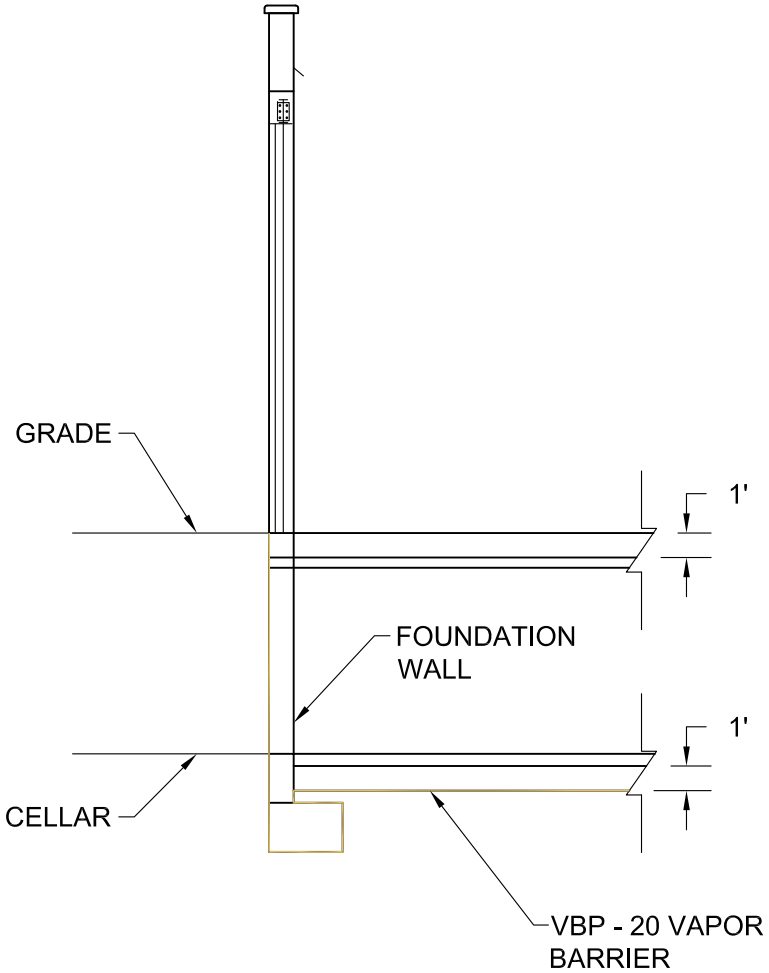
TITLE:

Cover System As-Built & Location

102-14 / 102-16 Liberty Avenue
Queens, New York

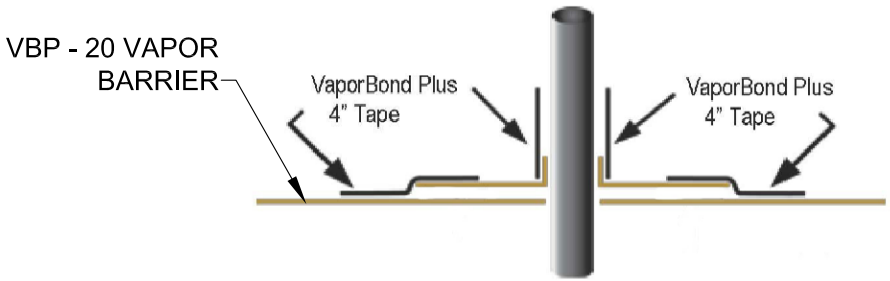
DWN:	SCALE:	DATE:	PROJECT NO.:
LJF		12/1/15	YunaJ 14-01
CHKD:	APPD:	REV.:	NOTES:
PJH	PJH	-	-

FIGURE NO.: 6



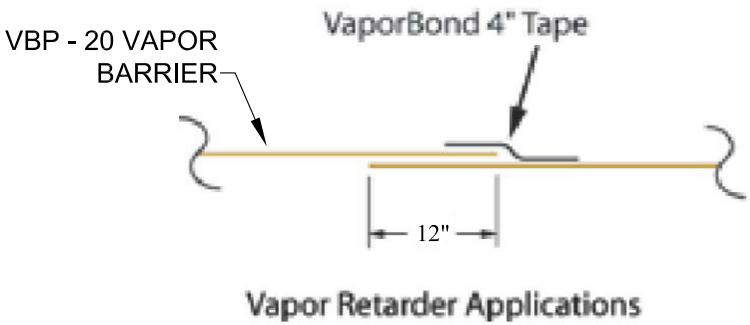
DETAIL 1 - TYPICAL VAPOR BARRIER BOOT

SCALE: N.T.S.



DETAIL 2: MULTIPLE PENETRATION WITH FABRICATED VAPOR BLOCK PLUS BOOT INSTALLATION

SCALE: NTS



VAPORBLOCK PLUS PLACEMENT

SCALE: NTS

P:\2014\YunaJ\14-01 102-14(16) LIBERTY AVENUE\Task VI - RCR\CADD\Figure 7.dwg

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TITLE:

AS-BUILT OF VAPOR BARRIER

102-16 LIBERTY AVENUE,
QUEENS, NEW YORK

DWN:	SCALE:	DATE:	PROJECT NO.:
LJF	As Shown	12/07/15	YunaJ 14-01
CHKD:	APPD:	REV.:	NOTES:
PJH	PJH	-	-
FIGURE NO.:			
7			

TABLES

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 & 5
OER Project Number 14EH-N350Q

Endpoint Samples
Volatile Organic Chemicals For Soils
EPA Method 8260
Table 1

Client SampleID:		**SCOs**	**EP-1**	**EP-2**	**EP-3**	**EP-4**
Sampling Date:		**Unrestricted**	**7/16/2015**	**7/16/2015**	**7/16/2015**	**7/16/2015**
Analyte	**Units**	**Limits**				
1,1,1,2-Tetrachloroethane	PPB	NA	ND	ND	ND	ND
1,1,1-Trichloroethane	PPB	680	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	PPB	NA	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	PPB	NA	ND	ND	ND	ND
1,1,2-Trichloroethane	PPB	NA	ND	ND	ND	ND
1,1-Dichloroethane	PPB	270	ND	ND	ND	ND
1,1-Dichloroethene	PPB	330	ND	ND	ND	ND
1,1-Dichloropropene	PPB	NA	ND	ND	ND	ND
1,2,3-Trichlorobenzene	PPB	NA	ND	ND	ND	ND
1,2,3-Trichloropropane	PPB	NA	ND	ND	ND	ND
1,2,4,5-Tetramethylbenzene	PPB	NA	ND	ND	ND	ND
1,2,4-Trichlorobenzene	PPB	NA	ND	ND	ND	ND
1,2,4-Trimethylbenzene	PPB	3600	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	PPB	NA	ND	ND	ND	ND
1,2-Dibromoethane	PPB	NA	ND	ND	ND	ND
1,2-Dichlorobenzene	PPB	1100	ND	ND	ND	ND
1,2-Dichloroethane	PPB	20	ND	ND	ND	ND
1,2-Dichloropropane	PPB	NA	ND	ND	ND	ND
1,3,5-Trimethylbenzene	PPB	8400	ND	ND	ND	ND
1,3-Dichlorobenzene	PPB	2400	ND	ND	ND	ND
1,3-dichloropropane	PPB	NA	ND	ND	ND	ND
1,4-Dichlorobenzene	PPB	1800	ND	ND	ND	ND
1,4-Dioxane	PPB	100	ND	ND	ND	ND
2,2-Dichloropropane	PPB	NA	ND	ND	ND	ND
2-Butanone	PPB	120	ND	ND	ND	ND
2-Chloroethyl vinyl ether	PPB	NA	ND	ND	ND	ND
2-Chlorotoluene	PPB	NA	ND	ND	ND	ND
2-Hexanone	PPB	NA	ND	ND	ND	ND
2-Propanol	PPB	NA	ND	ND	ND	ND
4-Chlorotoluene	PPB	NA	ND	ND	ND	ND
4-Isopropyltoluene	PPB	NA	ND	ND	ND	ND
4-Methyl-2-pentanone	PPB	NA	ND	ND	ND	ND
Acetone	PPB	50	ND	ND	ND	ND
Acrolein	PPB	NA	ND	ND	ND	ND
Acrylonitrile	PPB	NA	ND	ND	ND	ND
Benzene	PPB	60	ND	ND	ND	ND
Bromobenzene	PPB	NA	ND	ND	ND	ND
Bromochloromethane	PPB	NA	ND	ND	ND	ND
Bromodichloromethane	PPB	NA	ND	ND	ND	ND
Bromoform	PPB	NA	ND	ND	ND	ND
Bromomethane	PPB	NA	ND	ND	ND	ND
Carbon disulfide	PPB	NA	ND	ND	ND	ND
Carbon tetrachloride	PPB	760	ND	ND	ND	ND
Chlorobenzene	PPB	1100	ND	ND	ND	ND
Chlorodifluoromethane	PPB	NA	ND	ND	ND	ND
Chloroethane	PPB	NA	ND	ND	ND	ND
Chloroform	PPB	370	ND	ND	ND	ND
Chloromethane	PPB	NA	ND	ND	ND	ND

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 & 5
OER Project Number 14EH-N350Q

Endpoint Samples
Volatile Organic Chemicals For Soils
EPA Method 8260
Table 1

Client SampleID:		**SCOs**	**EP-1**	**EP-2**	**EP-3**	**EP-4**
Sampling Date:		**Unrestricted**	**7/16/2015**	**7/16/2015**	**7/16/2015**	**7/16/2015**
Analyte	**Units**	**Limits**				
cis-1,2-Dichloroethene	PPB	250	ND	ND	ND	ND
cis-1,3-Dichloropropene	PPB	NA	ND	ND	ND	ND
Cyclohexane	PPB	NA	ND	ND	ND	ND
Dibromochloromethane	PPB	NA	ND	ND	ND	ND
Dibromomethane	PPB	NA	ND	ND	ND	ND
Dichlorodifluoromethane	PPB	NA	ND	ND	ND	ND
Diisopropyl ether	PPB	NA	ND	ND	ND	ND
Ethanol	PPB	NA	ND	ND	ND	ND
Ethylbenzene	PPB	1000	ND	ND	ND	ND
Freon-114	PPB	NA	ND	ND	ND	ND
Hexachlorobutadiene	PPB	NA	ND	ND	ND	ND
Isopropylbenzene	PPB	NA	ND	ND	ND	ND
m,p-Xylene	PPB	260	ND	ND	ND	ND
Methyl Acetate	PPB	NA	ND	ND	ND	ND
Methyl tert-butyl ether	PPB	930	ND	ND	ND	ND
Methylene chloride	PPB	50	5.6J	5.8J	5.8J	5.2B
Naphthalene	PPB	12000	ND	ND	ND	ND
n-Butylbenzene	PPB	12000	ND	ND	ND	ND
n-Propylbenzene	PPB	3900	ND	ND	ND	ND
o-Xylene	PPB	260	ND	ND	ND	ND
p-Diethylbenzene	PPB	NA	ND	ND	ND	ND
p-Ethyltoluene	PPB	NA	ND	ND	ND	ND
sec-Butylbenzene	PPB	11000	ND	ND	ND	ND
Styrene	PPB	NA	ND	ND	ND	ND
t-Butyl alcohol	PPB	NA	ND	ND	ND	ND
tert-Butylbenzene	PPB	5900	ND	ND	ND	ND
Tetrachloroethene	PPB	1300	ND	ND	ND	ND
Toluene	PPB	700	ND	ND	ND	ND
trans-1,2-Dichloroethene	PPB	190	ND	ND	ND	ND
trans-1,3-Dichloropropene	PPB	NA	ND	ND	ND	ND
Trichloroethene	PPB	470	ND	ND	ND	ND
Trichlorofluoromethane	PPB	NA	ND	ND	ND	ND
Vinyl acetate	PPB	NA	ND	ND	ND	ND
Vinyl chloride	PPB	20	ND	ND	ND	ND

Notes:
ND - Not detected
Objectives as per NYSDEC Part 375-6.8(b)
J- Laboratory Estimated Concentration
B- Detected in Blank
NA- Not Available

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 & 5
OER Project Number 14EH-N350Q

Endpoint Samples
Semi-Volatile Organic Chemicals For Soils
EPA Method 8270
Table 2

Client SampleID:		**SCOs**	**EP-1**	**EP-2**	**EP-3**	**EP-4**
Sampling Date:		**Unrestricted**	**7/16/2015**	**7/16/2015**	**7/16/2015**	**7/16/2015**
Analyte	**Units**	**Limits**				
1,2,4-Trichlorobenzene	PPB	NA	ND	ND	ND	ND
1,2-Dichlorobenzene	PPB	1100	ND	ND	ND	ND
1,3-Dichlorobenzene	PPB	2400	ND	ND	ND	ND
1,4-Dichlorobenzene	PPB	1800	ND	ND	ND	ND
2,4,5-Trichlorophenol	PPB	NA	ND	ND	ND	ND
2,4,6-Trichlorophenol	PPB	NA	ND	ND	ND	ND
2,4-Dichlorophenol	PPB	NA	ND	ND	ND	ND
2,4-Dimethylphenol	PPB	NA	ND	ND	ND	ND
2,4-Dinitrophenol	PPB	NA	ND	ND	ND	ND
2,4-Dinitrotoluene	PPB	NA	ND	ND	ND	ND
2,6-Dinitrotoluene	PPB	NA	ND	ND	ND	ND
2-Chloronaphthalene	PPB	NA	ND	ND	ND	ND
2-Chlorophenol	PPB	NA	ND	ND	ND	ND
2-Methylnaphthalene	PPB	NA	ND	ND	ND	ND
2-Methylphenol	PPB	330	ND	ND	ND	ND
2-Nitroaniline	PPB	NA	ND	ND	ND	ND
2-Nitrophenol	PPB	NA	ND	ND	ND	ND
3,3´-Dichlorobenzidine	PPB	NA	ND	ND	ND	ND
3+4-Methylphenol	PPB	330	ND	ND	ND	ND
3-Nitroaniline	PPB	NA	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	PPB	NA	ND	ND	ND	ND
4-Bromophenyl phenyl ether	PPB	NA	ND	ND	ND	ND
4-Chloro-3-methylphenol	PPB	NA	ND	ND	ND	ND
4-Chloroaniline	PPB	NA	ND	ND	ND	ND
4-Chlorophenyl phenyl ether	PPB	NA	ND	ND	ND	ND
4-Nitroaniline	PPB	NA	ND	ND	ND	ND
4-Nitrophenol	PPB	NA	ND	ND	ND	ND
Acenaphthene	PPB	20000	ND	ND	ND	ND
Acenaphthylene	PPB	100000	ND	ND	ND	ND
Acetophenone	PPB	NA	ND	ND	ND	ND
Aniline	PPB	NA	ND	ND	ND	ND
Anthracene	PPB	100000	ND	ND	ND	ND
Atrazine	PPB	NA	ND	ND	ND	ND
Azobenzene	PPB	NA	ND	ND	ND	ND
Benzaldehyde	PPB	NA	ND	ND	ND	ND
Benzidine	PPB	NA	ND	ND	ND	ND
Benzo(a)anthracene	PPB	1000	ND	ND	ND	ND
Benzo(a)pyrene	PPB	1000	ND	ND	ND	ND
Benzo(b)fluoranthene	PPB	1000	ND	ND	ND	ND
Benzo(g,h,i)perylene	PPB	100000	ND	ND	ND	ND
Benzo(k)fluoranthene	PPB	800	ND	ND	ND	ND
Benzoic acid	PPB	NA	ND	ND	ND	ND
Benzyl alcohol	PPB	NA	ND	ND	ND	ND
Biphenyl	PPB	NA	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	PPB	NA	ND	ND	ND	ND
Bis(2-chloroethyl)ether	PPB	NA	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	PPB	NA	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	PPB	NA	ND	ND	ND	ND

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 & 5
OER Project Number 14EH-N350Q

Endpoint Samples
Semi-Volatile Organic Chemicals For Soils
EPA Method 8270
Table 2

Client SampleID:		**SCOs**	**EP-1**	**EP-2**	**EP-3**	**EP-4**
Sampling Date:		**Unrestricted**	**7/16/2015**	**7/16/2015**	**7/16/2015**	**7/16/2015**
Analyte	**Units**	**Limits**				
Butyl benzyl phthalate	PPB	NA	ND	ND	ND	ND
Caprolactam	PPB	NA	ND	ND	ND	ND
Carbazole	PPB	NA	ND	ND	ND	ND
Chrysene	PPB	1000	ND	ND	ND	ND
Dibenzo(a,h)anthracene	PPB	330	ND	ND	ND	ND
Dibenzofuran	PPB	7000	ND	ND	ND	ND
Diethyl phthalate	PPB	NA	ND	ND	ND	ND
Dimethyl phthalate	PPB	NA	ND	ND	ND	ND
Di-n-butyl phthalate	PPB	NA	ND	ND	ND	ND
Di-n-octyl phthalate	PPB	NA	ND	ND	ND	ND
Fluoranthene	PPB	100000	ND	ND	ND	ND
Fluorene	PPB	30000	ND	ND	ND	ND
Hexachlorobenzene	PPB	330	ND	ND	ND	ND
Hexachlorobutadiene	PPB	NA	ND	ND	ND	ND
Hexachlorocyclopentadiene	PPB	NA	ND	ND	ND	ND
Hexachloroethane	PPB	NA	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	PPB	500	ND	ND	ND	ND
Isophorone	PPB	NA	ND	ND	ND	ND
Naphthalene	PPB	12000	ND	ND	ND	ND
Nitrobenzene	PPB	NA	ND	ND	ND	ND
N-Nitrosodimethylamine	PPB	NA	ND	ND	ND	ND
N-Nitrosodi-n-propylamine	PPB	NA	ND	ND	ND	ND
N-Nitrosodiphenylamine	PPB	NA	ND	ND	ND	ND
Parathion	PPB	NA	ND	ND	ND	ND
Pentachlorophenol	PPB	800	ND	ND	ND	ND
Phenanthrene	PPB	100000	ND	ND	ND	ND
Phenol	PPB	330	ND	ND	ND	ND
Pyrene	PPB	100000	ND	ND	ND	ND
Pyridine	PPB	NA	ND	ND	ND	ND

Notes:
ND - Not detected
Objectives as per NYSDEC Part 375-6.8(b)
J- Laboratory Estimated Concentration
B- Detected in Blank
NA- Not Available

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 & 5
OER Project Number 14EH-N350Q

Endpoint Samples
Pesticides Method 8081
Table 3

Client SampleID:		**SCOs**	**EP-1**	**EP-2**	**EP-3**	**EP-4**
Sampling Date:		**Unrestricted**	**7/16/2015**	**7/16/2015**	**7/16/2015**	**7/16/2015**
Analyte	**Units**	**Limits**				
4,4´-DDD	PPB	3.3	ND	ND	ND	ND
4,4´-DDE	PPB	3.3	ND	ND	ND	ND
4,4´-DDT	PPB	3.3	ND	ND	ND	ND
Aldrin	PPB	5	ND	ND	ND	ND
alpha-BHC	PPB	20	ND	ND	ND	ND
alpha-Chlordane	PPB	94	ND	ND	ND	ND
beta-BHC	PPB	36	ND	ND	ND	ND
Chlorobenzilate	PPB	NA	ND	ND	ND	ND
DBCP	PPB	NA	ND	ND	ND	ND
delta-BHC	PPB	40	ND	ND	ND	ND
Dieldrin	PPB	5	ND	ND	ND	ND
Endosulfan I	PPB	2400	ND	ND	ND	ND
Endosulfan II	PPB	2400	ND	ND	ND	ND
Endosulfan sulfate	PPB	2400	ND	ND	ND	ND
Endrin	PPB	14	ND	ND	ND	ND
Endrin aldehyde	PPB	NA	ND	ND	ND	ND
Endrin ketone	PPB	NA	ND	ND	ND	ND
gamma-BHC	PPB	100	ND	ND	ND	ND
gamma-Chlordane	PPB	NA	ND	ND	ND	ND
Heptachlor	PPB	42	ND	ND	ND	ND
Heptachlor epoxide	PPB	NA	ND	ND	ND	ND
Hexachlorobenzene	PPB	330	ND	ND	ND	ND
Hexachlorocyclopentadiene	PPB	NA	ND	ND	ND	ND
Methoxychlor	PPB	NA	ND	ND	ND	ND
Toxaphene	PPB	NA	ND	ND	ND	ND

Notes:
ND - Not detected
Objectives as per NYSDEC Part 375-6.8(b)
NA- Not Available

102-14 Liberty Avenue and
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Endpoint Samples
PCBs Method 8082
Table 4

Client SampleID:		**SCOs**	**EP-1**	**EP-2**	**EP-3**	**EP-4**
Sampling Date:		**Unrestricted**	**7/16/2015**	**7/16/2015**	**7/16/2015**	**7/16/2015**
Analyte	**Units**	**Limits**				
Aroclor 1016	PPB	100	ND	ND	ND	ND
Aroclor 1221	PPB	100	ND	ND	ND	ND
Aroclor 1232	PPB	100	ND	ND	ND	ND
Aroclor 1242	PPB	100	ND	ND	ND	ND
Aroclor 1248	PPB	100	ND	ND	ND	ND
Aroclor 1254	PPB	100	ND	ND	ND	ND
Aroclor 1260	PPB	100	ND	ND	ND	ND
Aroclor 1262	PPB	100	ND	ND	ND	ND
Aroclor 1268	PPB	100	ND	ND	ND	ND

Notes:
All results in ppb
ND - Not detected

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
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Endpoint Samples
TAL Metals Analysis
Table 5

Client SampleID:		**SCOs**	**EP-1**	**EP-2**	**EP-3**	**EP-4**
Sampling Date:		**Unrestricted**	**7/16/2015**	**7/16/2015**	**7/16/2015**	**7/16/2015**
Analyte	**Units**	**Limits**				
Aluminum	PPM	NA	2170	2030	2210	2080
Antimony	PPM	NA	ND	ND	ND	ND
Arsenic	PPM	13	0.882	0.95	1.17	0.997
Barium	PPM	350	16.7	17.4	16.4	17.9
Beryllium	PPM	7.2	ND	ND	ND	ND
Cadmium	PPM	2.5	ND	ND	ND	ND
Calcium	PPM	NA	490	365	543	702
Chromium	PPM	NA	7.92	7.22	8.8	8.26
Cobalt	PPM	NA	ND	ND	ND	ND
Copper	PPM	50	6.56	5.46	7.65	7.77
Iron	PPM	NA	13000D	12200D	13400D	13200D
Lead	PPM	63	5.28	4.78	5.05	6.28
Magnesium	PPM	NA	750	728	785	770
Manganese	PPM	1600	217	220	233	232
Mercury	PPM	0.18	ND	ND	ND	ND
Nickel	PPM	30	6.53	6.16	7.37	6.92
Potassium	PPM	NA	329	326	340	404
Selenium	PPM	3.9	ND	ND	ND	ND
Silver	PPM	2	ND	ND	ND	ND
Sodium	PPM	NA	31.2	22.9	28.3	82.1
Thallium	PPM	NA	ND	ND	ND	ND
Vanadium	PPM	NA	11.4	9.95	12.8	10.7
Zinc	PPM	109	14.2	13.1	16	14.5

Notes:
All results in ppm
ND - Not detected
NA- Not Available
NS- No Standard

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
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Volatile Organic Chemicals For Soils
Table 6

Client SampleID:		**NJRDSRS**	**Waste Class**
Depth of Sample			
Sampling Date:			**5/5/2014**
Analyte	**Units**	**Limits**	
1,1,1,2-Tetrachloroethane	PPM	NA	ND
1,1,1-Trichloroethane	PPM	290	ND
1,1,2,2-Tetrachloroethane	PPM	1	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	PPM	NA	ND
1,1,2-Trichloroethane	PPM	2	ND
1,1-Dichloroethane	PPM	8	ND
1,1-Dichloroethene	PPM	11	ND
1,1-Dichloropropene	PPM	NA	ND
1,2,3-Trichlorobenzene	PPM	NA	ND
1,2,3-Trichloropropane	PPM	NA	ND
1,2,4,5-Tetramethylbenzene	PPM	NA	ND
1,2,4-Trichlorobenzene	PPM	73	ND
1,2,4-Trimethylbenzene	PPM	NA	ND
1,2-Dibromo-3-chloropropane	PPM	0.08	ND
1,2-Dibromoethane	PPM	0.008	ND
1,2-Dichlorobenzene	PPM	5300	ND
1,2-Dichloroethane	PPM	0.9	ND
1,2-Dichloropropane	PPM	2	ND
1,3,5-Trimethylbenzene	PPM	NA	ND
1,3-Dichlorobenzene	PPM	5300	ND
1,3-dichloropropane	PPM	NA	ND
1,4-Dichlorobenzene	PPM	5	ND
1,4-Dioxane	PPM	NA	ND
2,2-Dichloropropane	PPM	NA	ND
2-Butanone	PPM	3100	ND
2-Chloroethyl vinyl ether	PPM	NA	ND
2-Chlorotoluene	PPM	NA	ND
2-Hexanone	PPM	NA	ND
2-Propanol	PPM	NA	ND
4-Chlorotoluene	PPM	NA	ND
4-Isopropyltoluene	PPM	NA	ND
4-Methyl-2-pentanone	PPM	NA	ND
Acetone	PPM	70000	.0022B
Benzene	PPM	2	ND
Bromobenzene	PPM	NA	ND
Bromochloromethane	PPM	NA	ND
Bromodichloromethane	PPM	1	ND
Bromoform	PPM	81	ND
Bromomethane	PPM	25	ND
Carbon disulfide	PPM	7800	ND
Carbon tetrachloride	PPM	0.6	ND
Chlorobenzene	PPM	510	ND
Chlorodifluoromethane	PPM	NA	ND
Chloroethane	PPM	220	ND

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
OER Project Number 14EH-N350Q

Volatile Organic Chemicals For Soils
Table 6

Client SampleID:		**NJRDSRS**	**Waste Class**
Depth of Sample			
Sampling Date:			**5/5/2014**
Analyte	**Units**	**Limits**	
Chloroform	PPM	0.6	ND
Chloromethane	PPM	4	ND
cis-1,2-Dichloroethene	PPM	230	ND
cis-1,3-Dichloropropene	PPM	2	ND
Cyclohexane	PPM	NA	ND
Dibromochloromethane	PPM	3	ND
Dibromomethane	PPM	NA	ND
Dichlorodifluoromethane	PPM	490	ND
Diisopropyl ether	PPM	NA	ND
Ethanol	PPM	NA	ND
Ethylbenzene	PPM	7800	ND
Freon-114	PPM	NA	ND
Hexachlorobutadiene	PPM	6	ND
Isopropylbenzene	PPM	NA	ND
m,p-Xylene	PPM	0	ND
Methyl Acetate	PPM	78000	ND
Methyl tert-butyl ether	PPM	110	ND
Methylene chloride	PPM	34	.0084B
Naphthalene	PPM	6	ND
n-Butylbenzene	PPM	NA	ND
n-Propylbenzene	PPM	NA	ND
o-Xylene	PPM	12000	ND
p-Diethylbenzene	PPM	NA	ND
p-Ethyltoluene	PPM	NA	ND
sec-Butylbenzene	PPM	NA	ND
Styrene	PPM	90	ND
t-Butyl alcohol	PPM	1400	ND
tert-Butylbenzene	PPM	NA	ND
Tetrachloroethene	PPM	2	ND
Toluene	PPM	6300	ND
trans-1,2-Dichloroethene	PPM	300	ND
trans-1,3-Dichloropropene	PPM	2	ND
Trichloroethene	PPM	7	ND
Trichlorofluoromethane	PPM	23000	ND
Vinyl acetate	PPM	NA	ND
Vinyl chloride	PPM	0.7	ND

Notes:
ND - Not detected
B- Detected in Blank
NA- Not Available

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
OER Project Number 14EH-N350Q

Semi-Volatile Organic Chemicals For Soils
Table 7

Client SampleID:		**NJRDSRS**	**Waste Class**
Depth of Sample			
Sampling Date:			**5/5/2014**
Analyte	**Units**	**Limits**	
1,2,4-Trichlorobenzene	PPM	73	ND
1,2-Dichlorobenzene	PPM	5300	ND
1,3-Dichlorobenzene	PPM	5300	ND
1,4-Dichlorobenzene	PPM	NA	ND
2,4,5-Trichlorophenol	PPM	6100	ND
2,4,6-Trichlorophenol	PPM	19	ND
2,4-Dichlorophenol	PPM	180	ND
2,4-Dimethylphenol	PPM	1200	ND
2,4-Dinitrophenol	PPM	NA	ND
2,4-Dinitrotoluene	PPM	0.7	ND
2,6-Dinitrotoluene	PPM	0.7	ND
2-Chloronaphthalene	PPM	NA	ND
2-Chlorophenol	PPM	310	ND
2-Methylnaphthalene	PPM	230	ND
2-Methylphenol	PPM	310	ND
2-Nitroaniline	PPM	39	ND
2-Nitrophenol	PPM	NA	ND
3,3´-Dichlorobenzidine	PPM	1	ND
3+4-Methylphenol	PPM	NA	ND
3-Nitroaniline	PPM	NA	ND
4,6-Dinitro-2-methylphenol	PPM	6	ND
4-Bromophenyl phenyl ether	PPM	NA	ND
4-Chloro-3-methylphenol	PPM	NA	ND
4-Chloroaniline	PPM	NA	ND
4-Chlorophenyl phenyl ether	PPM	NA	ND
4-Nitroaniline	PPM	NA	ND
4-Nitrophenol	PPM	NA	ND
Acenaphthene	PPM	3400	ND
Acenaphthylene	PPM	NA	ND
Acetophenone	PPM	2	ND
Aniline	PPM	NA	ND
Anthracene	PPM	17000	ND
Atrazine	PPM	210	ND
Azobenzene	PPM	NA	ND
Benzaldehyde	PPM	6100	ND
Benzidine	PPM	0.7	ND
Benzo(a)anthracene	PPM	0.6	ND
Benzo(a)pyrene	PPM	0.2	ND
Benzo(b)fluoranthene	PPM	0.6	ND
Benzo(g,h,i)perylene	PPM	380000	ND
Benzo(k)fluoranthene	PPM	6	ND
Benzoic acid	PPM	NA	ND
Benzyl alcohol	PPM	NA	ND

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
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Semi-Volatile Organic Chemicals For Soils
Table 7

Client SampleID:		**NJRDSRS**	**Waste Class**
Depth of Sample			
Sampling Date:			**5/5/2014**
Analyte	**Units**	**Limits**	
Biphenyl	PPM	NA	ND
Bis(2-chloroethoxy)methane	PPM	NA	ND
Bis(2-chloroethyl)ether	PPM	0.4	ND
Bis(2-chloroisopropyl)ether	PPM	23	ND
Bis(2-ethylhexyl)phthalate	PPM	35	ND
Butyl benzyl phthalate	PPM	1200	ND
Caprolactam	PPM	31000	ND
Carbazole	PPM	24	ND
Chrysene	PPM	62	ND
Dibenzo(a,h)anthracene	PPM	0.2	ND
Dibenzofuran	PPM	NA	ND
Diethyl phthalate	PPM	49000	ND
Dimethyl phthalate	PPM	NA	ND
Di-n-butyl phthalate	PPM	6100	ND
Di-n-octyl phthalate	PPM	2400	ND
Fluoranthene	PPM	2300	ND
Fluorene	PPM	2300	ND
Hexachlorobenzene	PPM	0.3	ND
Hexachlorobutadiene	PPM	6	ND
Hexachlorocyclopentadiene	PPM	45	ND
Hexachloroethane	PPM	35	ND
Indeno(1,2,3-c,d)pyrene	PPM	0.6	ND
Isophorone	PPM	510	ND
Naphthalene	PPM	6	ND
Nitrobenzene	PPM	31	ND
N-Nitrosodimethylamine	PPM	0.7	ND
N-Nitrosodi-n-propylamine	PPM	0.2	ND
N-Nitrosodiphenylamine	PPM	99	ND
Parathion	PPM	NA	ND
Pentachlorophenol	PPM	3	ND
Phenanthrene	PPM	NA	ND
Phenol	PPM	18000	ND
Pyrene	PPM	1700	ND
Pyridine	PPM	NA	ND

Notes:
ND - Not detected
B- Detected in Blank
NA- Not Available

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
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Herbicides For Soils
Table 8

Client SampleID:		**NJRDSRS**	**Waste Class**
Depth of Sample			
Sampling Date:			**5/5/2014**
Analyte	**Units**	**Limits**	
2,4,5-T	PPM	NA	ND
2,4,5-TP	PPM	NA	ND
2,4-D	PPM	NA	ND
Dicamba	PPM	NA	ND

Notes:
ND - Not detected
B- Detected in Blank
NA- Not Available

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
OER Project Number 14EH-N350Q

Pesticides
Table 9

Client SampleID:		**NJRDSRS**	**Waste Class**
Depth of Sample			
Sampling Date:			**5/5/2014**
Analyte	**Units**	**Limits**	
4,4´-DDD	PPM	3	ND
4,4´-DDE	PPM	2	ND
4,4´-DDT	PPM	2	ND
Aldrin	PPM	0.04	ND
alpha-BHC	PPM	0.1	ND
alpha-Chlordane	PPM	0.2	ND
beta-BHC	PPM	0.4	ND
Chlorobenzilate	PPM	NA	ND
DBCP	PPM	NA	ND
delta-BHC	PPM	NA	ND
Dieldrin	PPM	0.04	ND
Endosulfan I	PPM	470	ND
Endosulfan II	PPM	470	ND
Endosulfan sulfate	PPM	470	ND
Endrin	PPM	23	ND
Endrin aldehyde	PPM	NA	ND
Endrin ketone	PPM	NA	ND
gamma-BHC	PPM	0.4	ND
gamma-Chlordane	PPM	0.2	ND
Heptachlor	PPM	0.1	ND
Heptachlor epoxide	PPM	0.07	ND
Hexachlorobenzene	PPM	0.3	ND
Hexachlorocyclopentadiene	PPM	45	ND
Methoxychlor	PPM	390	ND
Toxaphene	PPM	0.6	ND

Notes:
ND - Not detected
B- Detected in Blank
NA- Not Available
NA- Not Available

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
OER Project Number 14EH-N350Q

PCBs
Table 10

Client SampleID:		**NJRDSRS**	**Waste Class**
Depth of Sample			
Sampling Date:			**5/5/2014**
Analyte	**Units**	**Limits**	
Aroclor 1016	PPM	0.2	ND
Aroclor 1221	PPM	0.2	ND
Aroclor 1232	PPM	0.2	ND
Aroclor 1242	PPM	0.2	ND
Aroclor 1248	PPM	0.2	ND
Aroclor 1254	PPM	0.2	ND
Aroclor 1260	PPM	0.2	ND
Aroclor 1262	PPM	0.2	ND
Aroclor 1268	PPM	0.2	ND

Notes:
ND - Not detected
B- Detected in Blank
NA- Not Available

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
OER Project Number 14EH-N350Q

Metals Analysis
Table 11

Client SampleID:		**NJRDSRS**	**Waste Class**
Depth of Sample			
Sampling Date:			**5/5/2014**
Analyte	**Units**	**Limits**	
Aluminum	PPM	78000	2940
Antimony	PPM	31	ND
Arsenic	PPM	19	0.929
Barium	PPM	16000	22.9
Beryllium	PPM	16	ND
Cadmium	PPM	78	ND
Calcium	PPM	NA	1490
Chromium	PPM	NA	9.59
Chromium, Hexavalent	PPM	NA	ND
Cobalt	PPM	1600	ND
Copper	PPM	3100	6.56
Cyanide Total & Amenable	PPM	1600	0.231
Iron	PPM	NA	9700D
Lead	PPM	400	5.46
Magnesium	PPM	NA	1720
Manganese	PPM	11000	207
Mercury	PPM	23	ND
Nickel	PPM	1600	7.21
Potassium	PPM	NA	537
Selenium	PPM	390	ND
Silver	PPM	390	ND
Sodium	PPM	NA	43.1
Thallium	PPM	5	ND
Total Volatile Solids	PPM	NA	0.52
Vanadium	PPM	78	10.5
Zinc	PPM	23000	13.2

Notes:
ND - Not detected
B- Detected in Blank
NA- Not Available

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REMEDIAL INVESTIGATION REPORT

102-14 /102-16 LIBERTY AVENUE

QUEENS, NEW YORK

Remedial Investigation Report

OER Project Number 14EH-N350Q

Prepared for:

Joseph Yunason
Liberty Square in Ozone Park, LLC
70-13 Austin Street 3F, Forest Hills, NY
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Prepared by:

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March/2014

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LIST OF ACRONYMS

Acronym	Definition
AOC	Area of Concern
CAMP	Community Air Monitoring Plan
COC	Contaminant of Concern
CPP	Citizen Participation Plan
CSM	Conceptual Site Model
DER-10	New York State Department of Environmental Conservation Technical Guide 10
FID	Flame Ionization Detector
GPS	Global Positioning System
HASP	Health and Safety Plan
HAZWOPER	Hazardous Waste Operations and Emergency Response
IRM	Interim Remedial Measure
NAPL	Non-aqueous Phase Liquid
NYC VCP	New York City Voluntary Cleanup Program
NYC DOHMH	New York City Department of Health and Mental Hygiene
NYC OER	New York City Office of Environmental Remediation
NYS DOH ELAP	New York State Department of Health Environmental Laboratory Accreditation Program
OSHA	Occupational Safety and Health Administration
PID	Photoionization Detector
QEP	Qualified Environmental Professional
RI	Remedial Investigation
RIR	Remedial Investigation Report
SCO	Soil Cleanup Objective
SPEED	Searchable Property Environmental Electronic Database

CERTIFICATION

I, James DeMartinis, am a Qualified Environmental Professional, as defined in RCNY § 43-1402(ar). I have primary direct responsibility for implementation of the Remedial Investigation for the Liberty Avenue Site, (OER Project Number 14EH-N350Q). I am responsible for the content of this Remedial Investigation Report (RIR), have reviewed its contents and certify that this RIR is accurate to the best of my knowledge and contains all available environmental information and data regarding the property.

James M. DeMartinis	3/14/2014	James M. DeMartinis
Qualified Environmental Professional	Dae	Signature

EXECUTIVE SUMMARY

The Remedial Investigation Report (RIR) provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy pursuant to RCNY§ 43-1407(f). The remedial investigation (RI) described in this document is consistent with applicable guidance.

Site Location and Current Usage

The Site is located at 102-14 and 102-16 Liberty Avenue in the Ozone Park section of Queens, New York and is identified as Block 9523 and Lots 4 & 5 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 9,693-square feet and is bounded by Liberty Avenue and an elevated subway, with a vacant building located at 77-15 Liberty Avenue to the north, residential buildings to the south, 103rd Street, with a mixed commercial-residential use building located at 103-02 Liberty Avenue to the east, and a residential building to the west. A map of the site boundary is shown in Figure 2. Currently, the Site is a vacant lot surrounded by a chain link fence, with an entrance on Liberty Avenue; and a ten inch high by two feet wide concrete wall on the eastern, southern, and western boundaries of the property. The only other features at the site are a sewer clean-out located in the most northwestern corner of the site, and a drain located about four feet to the southeast of the sewer clean-out. Both of these structures are located on Lot 4 of the property.

Summary of Proposed Redevelopment Plan

The proposed future use of the Site will consist of two 1-story retail buildings, totaling 9,690 square feet (sf) with a common 1,500 sf partial cellar for use as a meter room. Lot 4 is approximately 4,155 sf and Lot 5 is approximately 5,538 sf. The proposed building on Lot 4 will consist of two commercial retail stores consisting of approximately 2,077 sf. The proposed building on Lot 5 will consist of four commercial retail stores consisting of approximately 1,375 sf each. The building will be constructed together and encompass the entire footprint of the site, while abutting each other along the Lot line. Layout of the proposed site development is presented in Figure 3. The current zoning designation is R4 - General Residence District, with commercial overlay C2-2 - Local Service District. The proposed use is consistent with existing zoning for the property.

To construct the partial cellar, approximately 600 cubic yards (cy) of soil will be excavated. Of the 600 cy of soil that will be excavated, approximately 556 cy of soil will be excavated from the proposed cellar area. Groundwater is not anticipated to be encountered during excavation at the site since the maximum depth of cellar footings is 14 feet below grade (ft bg), and groundwater is around 25 ft bg. Other excavations to occur on site will be for foundation footings.

Summary of Past Uses of Site and Areas of Concern

Using the Historical Sanborn Map report the property history is:

1901-1988 Vacant lot.
1990-2006 Used auto sales

EDR Directory Abstract - There is one listing for the property:

1991 – Anthony's Auto Sales Residential & commercial.

Mr. Philip Hoffken Jr. and Ms. Heather Sonnenberg of JRH were on-site three times to conduct activities associated with the RIR. There was no evidence of surficial contamination or activities that would cause such - consistent with the Phase I ESA.

Summary of the Work Performed under the Remedial Investigation

Liberty Square in Ozone Park, LLC performed the following scope of work:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Drilled seven soil borings across the entire project Site, and collected fourteen soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed three groundwater monitoring wells throughout the Site to establish groundwater flow and collected three groundwater samples for chemical analysis to evaluate groundwater quality;
4. Installed four soil vapor probes around Site perimeter and collected four samples for chemical analysis.
5. Investigated a possible drywell located in the northwest corner of the property.

Summary of Environmental Findings

1. Elevation of the property ranges from 32 to 37 feet.

2. Depth to groundwater ranges from 25 to 27 feet at the Site.

3. Groundwater flow is generally from west-southwest to east-northeast beneath the Site.

4. Depth to bedrock is approximately 500 feet at the Site.

5. The stratigraphy of the site, from the surface down, consists of one to three feet of a silty clay with fine sand underlain by native mostly fine grained to coarse grained sand.

6. Soil samples collected during remedial investigation were compared to the 6NYCRR Part 375-6.8 Track 1 (Unrestricted Use SCOs) and Track 2 (Restricted Commercial SCOs). Soil/fill samples indicated no VOCs, SVOCs, pesticides or PCBs detected above Track 1 Unrestricted Use SCOs. Three metals including lead (max. of 194 ppm), mercury (at 0.21 ppm), and zinc (at 144 ppm) exceeded Unrestricted Use SCOs in two shallow soil samples. No metals exceeded Track 2 Restricted Commercial Use SCOs. Overall, soil chemistry is unremarkable and does not indicate any historic fill.

7. Groundwater samples collected during the RI indicated no VOCs, SVOCs, or PCBs present in the groundwater at concentrations exceeding the NYSDEC 6 NYCRR Part 703.5 Groundwater Quality Standards (GQS). Trace concentrations of VOCs (including acetone, chloroform and methylene chloride), well below their respective GQS were detected in groundwater samples. Dieldrin was detected just above the GQS in one monitoring wells sample (laboratory estimated concentration of 0.013 ug/l). Several metals were identified in groundwater, but only dissolved manganese and sodium exceeded their respective GQS.

8. Soil vapor samples collected during the RI detected petroleum related and chlorinated VOCs at low concentrations. Concentrations of petroleum-related VOCs (BTEX) ranged from 40 $\mu g/m^3$ to 216 $\mu g/m^3$. Overall the highest reported concentrations were for acetone (maximum of 205 $\mu g/m^3$). Tetrachloroethylene (PCE) was identified in all four soil vapor samples at a maximum concentration of 35 $\mu g/m^3$. Trichloroethylene (TCE), TCA and carbon tetrachloride were not detected in soil vapor. The PCE concentrations are well below the monitoring level ranges established within the State DOH soil vapor guidance matrix.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

Liberty Square in Ozone Park, LLC has begun to investigate and remediate a 0.22-acre site located at 102-14 and 102-16 Liberty Avenue in Ozone Park section of Queens, New York. Commercial use is proposed for the property. The RI work was performed between January 29 and February 4, 2014. This RIR summarizes the nature and extent of contamination and provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy that is protective of human health and the environment consistent with the use of the property pursuant to RCNY§ 43-1407(f).

1.1 Site Location and Current Usage

The Site is located at 102-14 and 102-16 Liberty Avenue in the Ozone Park section of Queens, New York and is identified as Block 9523 and Lots 4 & 5 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 9,693-square feet and is bounded by Liberty Avenue and an elevated subway, with a vacant building located at 77-15 Liberty Avenue to the north, residential buildings to the south, 103rd Street, with a mixed commercial-residential use building located at 103-02 Liberty Avenue to the east, and a residential building to the west. A map of the site boundary is shown in Figure 2. Currently, the Site is a vacant lot surrounded by a chain link fence, with an entrance on Liberty Avenue; and a ten inch high by two feet wide concrete wall on the eastern, southern, and western boundaries of the property. The only other features at the site are a sewer clean-out located in the most northwestern corner of the site, and a drain, which leads off the property, located about four feet to the southeast of the sewer clean-out. Both of these structures are located on Lot 4 of the property.

1.2 Proposed Redevelopment Plan

The proposed future use of the Site will consist of two 1-story retail buildings, totaling 9,690 square feet (sf) with a common 1,500 sf partial cellar for use as a meter room. Lot 4 is approximately 4,155 sf and Lot 5 is approximately 5,538 sf. The proposed building on Lot 4 will consist of two commercial retail stores consisting of approximately 2,077 sf. The proposed building on Lot 5 will consist of four commercial retail stores consisting of approximately 1,375 sf each. The building will be constructed together and encompass the entire footprint of the site, while abutting each other along the Lot line. Layout of the proposed site development is

presented in Figure 3. The current zoning designation is R4 - General Residence District, with commercial overlay C2-2 - Local Service District. The proposed use is consistent with existing zoning for the property.

To construct the partial cellar, approximately 600 cubic yards (cy) of soil will be excavated. Of the 600 cy of soil that will be excavated, approximately 556 cy of soil will be excavated from the proposed cellar area. Groundwater is not anticipated to be encountered during excavation at the site since the maximum depth of cellar footings is 14 feet below grade (ft bg), and groundwater is around 25 ft bg. Other excavations to occur on site will be for foundation footings.

1.3 Description of Surrounding Property

Directly north of the subject property across Liberty Avenue is 77-15 Liberty Avenue, Flatlands Avenue, a 3-story multi-family walk up apartment building, with a vacant commercial office on the 1st floor; to the west, adjacent to the property is 102-08 Liberty Avenue, a 3 story residential house; to the south, adjacent to the property is 104-14 104th Street, a 3 story residential house; and to the east, beyond 103rd Street is 103-02 Liberty Avenue, a 3-story multi-family walk up apartment building with a convenience store on the first floor.

To the northwest on Liberty Avenue within 0.03 miles from 102-14 Liberty Avenue is Police Officer Nicholas Demutiis Park. To the southwest on Rockaway Boulevard within 0.05 miles from 102-14 Liberty Avenue is the Calvary Assembly of God. To the south, on Rockaway Boulevard within 0.11 miles from 102-14 is the John Adams High School.

Figure 2 shows the surrounding land usage.

2.0 SITE HISTORY

2.1 Past Uses and Ownership

Using the Historical Sanborn Map report the property history is:

1901-1988 Vacant lot.
1990-2006 Used auto sales

EDR Directory Abstract - There is one listing for the property:

1991 – Anthony's Auto Sales Residential & commercial.

2.2 Previous Investigations

A Phase I ESA was prepared by Hydro Tech Environmental Corporation on January 22, 2013 (Appendix A). There are no known subsurface investigation reports for the site.

2.3 Site Inspection

Mr. Philip Hoffken Jr. and Ms. Heather Sonnenberg of JRH were on-site three times to conduct activities associated with the RIR. There was no evidence of surficial contamination or activities that would cause such - consistent with the Phase I ESA.

2.4 Areas of Concern

The Phase 1 ESA and Phase 2 site inspection did not identify any Areas of Concern located on the property. The Phase 1 ESA is presented in Appendix A.

3.0 PROJECT MANAGEMENT

3.1 Project Organization

The Qualified Environmental Profession (QEP) responsible for preparation of this RIR is James M. DeMartinis with assistance from Philip Hoffken Jr., Project Manager and Patricia Zalak, Office Administrator.

3.2 Health and Safety

All work described in this RIR was performed in full compliance with applicable laws and regulations, including Site and OSHA worker safety requirements and HAZWOPER requirements.

3.3 Materials Management

All material encountered during the RI was managed in accordance with applicable laws and regulations.

4.0 REMEDIAL INVESTIGATION ACTIVITIES

Liberty Square in Ozone Park, LLC performed the following scope of work:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Drilled seven soil borings across the entire project Site, and collected fourteen soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed three groundwater monitoring wells throughout the Site to establish groundwater flow and collected three groundwater samples for chemical analysis to evaluate groundwater quality;
4. Installed four soil vapor probes around Site perimeter and collected four samples for chemical analysis.
5. Investigated a possible drywell located in the northwest corner of the property.

4.1 Borings and Monitoring Wells

Drilling and Soil Logging

All borings were advanced using a track-mounted Geoprobe™ operated by Zebra Environmental Corp. of Lynbrook, New York. Geoprobe™ services were conducted in accordance with the operation and sampling procedures outlined in the United States Environmental Protection Agency (EPA) Standard Operating Procedure SOP No. 2050. Non-disposable sampling equipment was cleaned using distilled water and Alconox detergent with a distilled water rinse prior to the collection of each sample.

Seven soil borings were advanced through the existing asphalt layer and within the proposed footprint of the new building. Each boring was advanced to a different depth with the purpose of collecting soil samples for analysis, from the soil depths where the building structural components are to be constructed. All borings were continuously screened for visual, olfactory and with a photoionization detector (PID) for signs of contamination.

Boring logs were prepared by Philip Hoffken Jr. and attached in Appendix B; a map showing the location of soil borings and monitor wells is shown in Figure 4; and table 12 summarizes their construction details.

Groundwater Monitoring Well Construction

Under JRH oversight, three monitoring wells were installed in borings drilled at the locations shown on Figure 4. Monitoring well MW-1 was installed in the area of the future cellar. Wells MW-2 and MW-3 were installed on the each southern corner of the property to determine groundwater flow.

The wells consist of 10-feet of two-inch diameter .020 slot pre-pack well screen and the appropriate length of 2-inch riser. The screen in each well was installed to bridge the water table at the time of drilling-ideally three feet above and seven feet below.

A hydrated bentonite seal was placed directly above the sand pack and the remainder of the annular space grouted with a cement/bentonite/soil cuttings mixture. The wells were capped and finished sticking up approximately six to twelve inches above grade.

Survey

The locations of the soil borings and monitoring wells were chosen in accordance with the Phase II Work Plan approved by NYC OER. No specific AOCs were identified in the property.

Water Level Measurement

A designated measuring point was established on the top of each monitoring well casing was surveyed vertically by JRH to a common datum. Water levels in all monitoring wells were measured on February 4, 2014, presented in Table 13, and a groundwater flow elevation contour

4.2 Sample Collection and Chemical Analysis

All media including soil, groundwater and soil vapor have been sampled and evaluated in the RIR. Discrete (grab) samples have been used for final delineation of the nature and extent of contamination and to determine the impact of contaminants on public health and the environment. The sampling performed and presented in this RIR provides sufficient basis for evaluation of remedial action alternatives, establishment of a qualitative human health exposure assessment, and selection of a final remedy.

Soil Sampling

Soil samples were collected using a five-foot long Macrocore™ sampler with dedicated acetate liners advanced by the Geoprobe™. The Macrocore™ samples were visually characterized by a JRH engineer and field screened for the presence of volatile organic compound (VOCs) using a Mini Rae 2000 portable photoionization detector (PID). Based on these descriptions geologic soil boring logs were prepared and are included in Appendix B.

Fourteen soil samples were collected for chemical analysis during this RI. Data on soil sample collection for chemical analyses, including dates of collection and sample depths, is reported in Tables 1 through 5. Figure 4 shows the location of samples collected in this investigation. Laboratories and analytical methods are shown below.

Soil samples were hand delivered to American Analytical Laboratories, Farmingdale, New York (NYSDOH ELAP #11418) for analysis. Soil samples were analyzed for TCL VOCs (EPA Method 8260C, rev. 2006), TCL SVOCs (EPA Method 8270D, rev. 2007), Pesticides (EPA Method 8081B, rev. 2000), PCBs (EPA Method 8082A, rev. 2000), and TAL Metals (EPA Method 6010C, rev. 2007).

Groundwater Sampling

The monitoring wells were purged and sampled by an experienced sampling crew on February 4, 2014. JRH collected groundwater samples from the monitoring wells using conventional sampling methods. Prior to sampling, all wells were gauged for floating product. Each well was purged a minimum of three casing volumes using a submersible centrifugal pump (Grundfos RediFlo2) with per-well dedicated polyethylene tubing set in the middle of the well screen. This is performed to ensure representative samples from the formation surrounding the wells and to eliminate standing water in the wells. Between sampling locations the pump was cleaned internally and externally with an Alconox and water solution, followed by a fresh water rinse.

Three groundwater samples were collected for chemical analysis during this RI. Groundwater sample collection data is reported in Tables 6 through 10. Sampling logs with information on purging and sampling of groundwater monitor wells are included in Appendix C. Figure 4 shows the location of groundwater sampling. Laboratories and analytical methods are shown below.

Groundwater samples were analyzed by American Analytical Laboratories, Farmingdale, New York (NYSDOH ELAP #11418) for VOCs by EPA Method 8260, SVOCs by EPA Method 8270, Pesticides/PCBs by EPA Methods 8081/8082 and the TAL metals. Groundwater samples were analyzed as filtered/unfiltered samples for TAL metals.

Quality control (QA/QC) samples include one field blank, one trip blank, and one lab blank, QA/QC for chemical analytical program and assessment of the usability of the data will be provided by Lori Beyer, Laboratory Director of American Analytical.

Soil Vapor Sampling

The Geoprobe™ was used to drill four additional borings to install temporary sub-slab vapor sampling points (Figure 4). The Geoprobe™ advanced a Macrocore™ to; ten feet at VP-1 (below the future cellar); and five feet at VP-2, VP-3, and VP-4 (below future concrete slab).

The temporary vapor points were installed using 1.5 –inch diameter rods and consist of six-inch diameter stainless steel implants attached to an expendable drive point. No water was used during the installation of the temporary probes. Teflon™ lined polyethylene tubing extended from the temporary implant to the surface. Number 2 sand was used in the boring to create a sampling zone one to two feet in length and a bentonite seal emplaced in the borehole above the sampling zone.

Vapor sampling was conducted following the installation of the vapor probes. Three implant volumes were purged prior to collecting the samples at a purge rate of 0.2 liters per minute. The vapor samples were collected using 6-liter capacity Summa™ canisters each fitted with a laboratory calibrated critical orifice flow regulation device sized to allow the collection of the soil gas samples so as not to exceed 0.2 liters per minute (to minimize outdoor air infiltration during sampling).

The vapor samples were collected over a four hour period and analyzed using the USEPA's TO-15 gas chromatograph/mass spectrometer (GC/MS) methodology. The samples were sent via overnight courier to Chemtech of Mountainside, New Jersey (NYSDOH ELAP # 11376).

Four soil vapor probes were installed and four soil vapor samples were collected for chemical analysis during this RI. Soil vapor sampling locations are shown in Figure 4. Soil vapor sample collection data is reported in Table 11. Methodologies used for soil vapor assessment conform to the *NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006*.

Chemical Analysis

Chemical analytical work presented in this RIR has been performed in the following manner:

Factor	Description
Quality Assurance Officer	The chemical analytical quality assurance is directed by Lori Beyer
Chemical Analytical Laboratory	Chemical analytical laboratory(s) used in the RI is NYS ELAP certified and were American Analytical Laboratories and Chemtech.
Chemical Analytical Methods	Soil analytical methods: • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); Groundwater analytical methods: • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); Soil vapor analytical methods: • VOCs by TO-15 VOC parameters..

Results of Chemical Analyses

Laboratory data for soil, groundwater and soil vapor are summarized in Tables 1 through 11, respectively. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in Appendix D.

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Conditions

Stratigraphy

The site is underlain by up to three feet of silty clay with fine sand. Below the silty clay layer are native geologic (sandy) deposits indicative of a beach and tidal flat environment. The deepest boring was to 30 ft bg.

Hydrogeology

The average depth to groundwater is 26' below grade and the range in depth is 25' to 27'. A map of groundwater level elevations with groundwater contours and inferred flow lines is shown in Figure 5. Groundwater flow is from west-southwest to east-northeast.

5.2 Soil Chemistry

Tables 1 through 5 summarize the analytical data for the fourteen soil samples collected. The laboratory report is included in Appendix D. Briefly; soil samples collected during the remedial investigation were compared to the 6NYCRR Part 375-6.8 Track 1 (Unrestricted Use SCOs) and Track 2 (Restricted Residential SCOs). Soil/fill samples showed no VOCs, SVOCs, pesticides or PCBs detected above Track 1 Unrestricted Use SCOs. Three metals including lead (max. of 194 ppm), mercury (max. of 0.21 ppm), and zinc (max. of 144 ppm) exceeded Unrestricted Use SCOs in two shallow soil samples. No metals exceeded Track 2 Restricted Residential Use SCOs. Overall, the soil findings were unremarkable

Data collected during the RI is sufficient to delineate the vertical and horizontal distribution of contaminants in soil/fill at the Site. A summary table of data for chemical analyses performed on soil samples is included in Table 1 through 5.

Figure 6 shows the location and posts the values for soil samples that exceed the NYSDEC Track 1 UUSCOs.

5.3 Groundwater Chemistry

Tables 6 through 10 summarize the analytical data for the four groundwater samples collected. The laboratory report is included in Appendix D. Briefly; groundwater samples collected during the remedial investigation were compared to the New York State 6 NYCRR Part 703.5 Class GA Groundwater Quality Standards (GQS). Groundwater results showed no VOCs, SVOCs or PCBc detected above GQS in any of three samples. Traces of two VOCs (acetone and

chloroform) were detected, well below their GQS. One pesticide, Dieldrin (0.013 ppb in MW-2) was detected about its NYS Groundwater Standard of 0.004 ppb. Several dissolved metals were identified in groundwater but only manganese and sodium exceeded their respective GQS.

Data collected during the RI is sufficient to delineate the distribution of contaminants in groundwater at the Site. A summary table of data for chemical analyses performed on groundwater samples is included in Tables 6 through 10. Exceedences of applicable groundwater standards are shown.

Figure 6 shows the location and posts the values for groundwater that exceed the New York State 6NYCRR Part 703.5 Class GA groundwater standards.

5.4 Soil Vapor Chemistry

Soil vapor detections were very low in all four samples. Low levels of petroleum related compounds were detected in soil vapor samples. Acetone was detected in three of the four soil vapor samples collected, with a maximum concentration of 205 ug/m^3 in VP-1.

Data collected during the RI is sufficient to delineate the distribution of contaminants in soil vapor at the Site. A summary table of data for chemical analyses performed on soil vapor samples is included in Table 11.

Figure 6 shows the location and posts the values for soil vapor samples with detected concentrations.

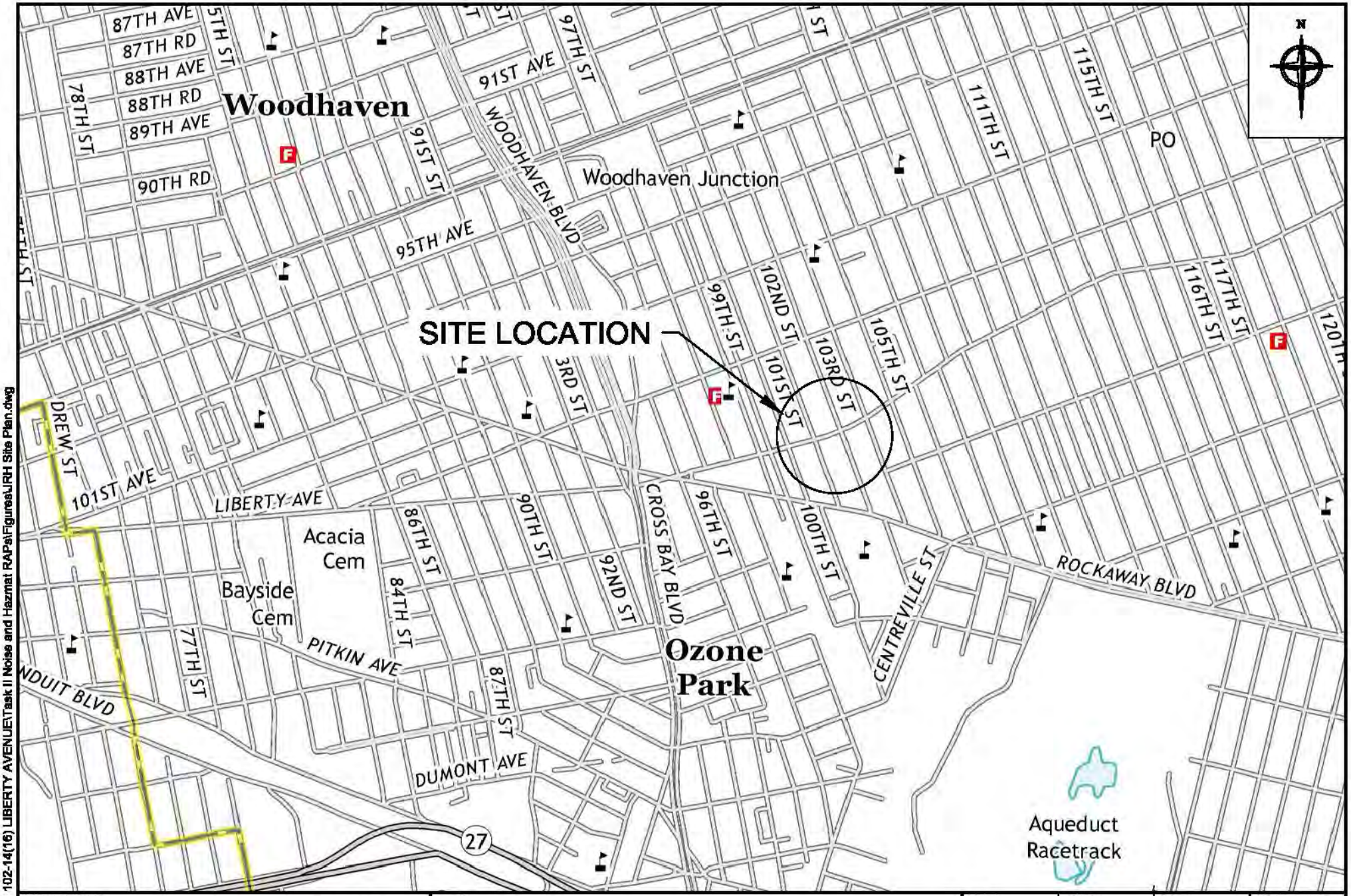
5.5 Prior Activity

Based on an evaluation of the data and information from the RIR, disposal of significant amounts of hazardous waste is not suspected at this site.

5.6 Impediments to Remedial Action

There are no known impediments to remedial action at this property.

Figures



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PREPARED BY:

J.R. HOLZMACHER P.E., LLC

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In Water Supply, Water Resources,
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E-MAIL: info@holzmacher.com

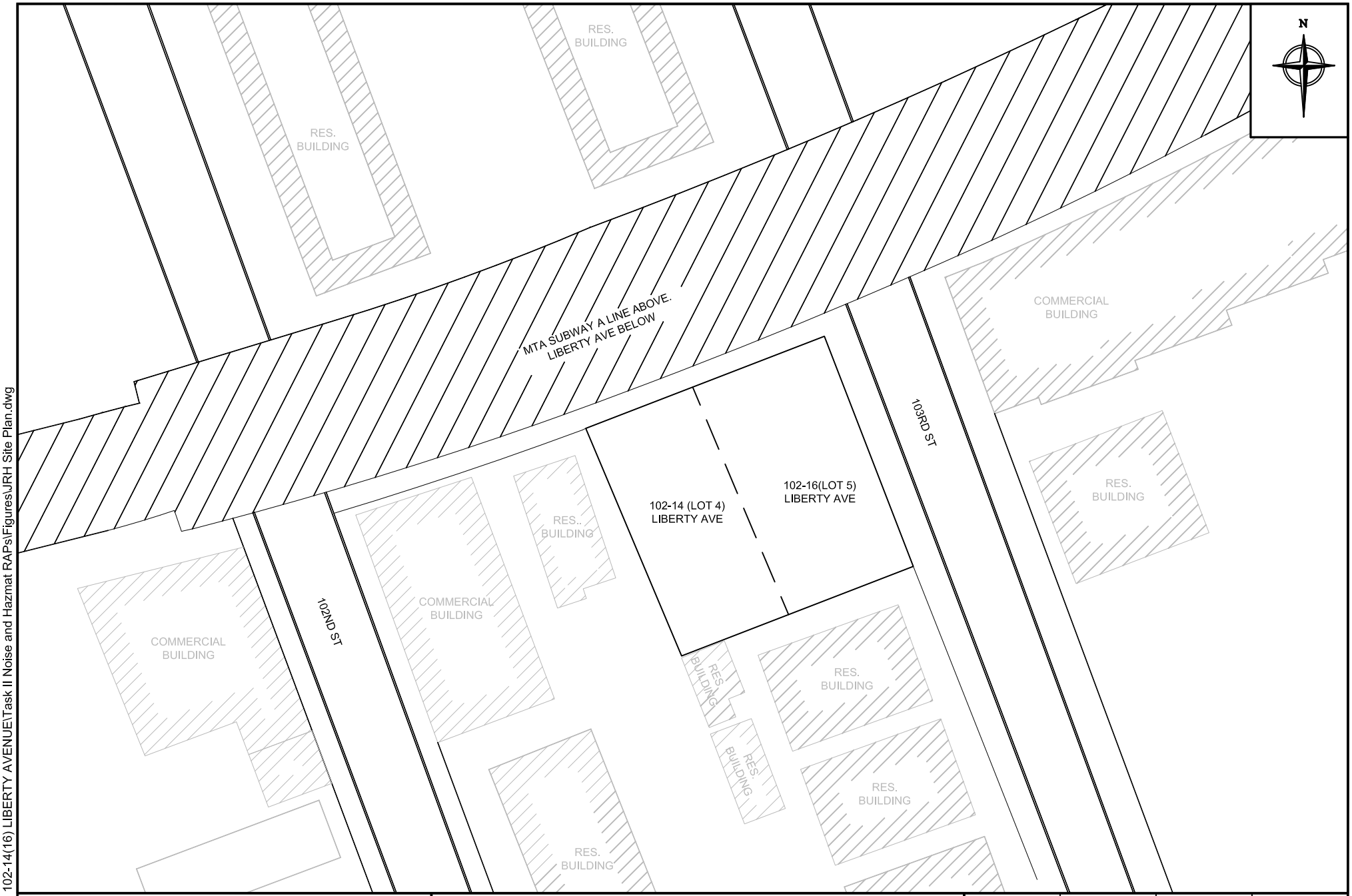
TITLE:

Location Map

102-14 & 102-16 Liberty Ave
Ozone Park, NY 11417

DWN:	SCALE:	DATE:	PROJECT NO.:
HVS	NTS	02/07/14	YunaJ 14-01
CHKD:	APPD:	REV.:	NOTES:
-	JMD	-	-

FIGURE NO.: 1



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The Third Generation of Excellence
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3555 VETERANS MEMORIAL HIGHWAY,
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PHONE # (631) 234-2220 *FAX # (631) 234-2221*
E-MAIL: info@holzmacher.com

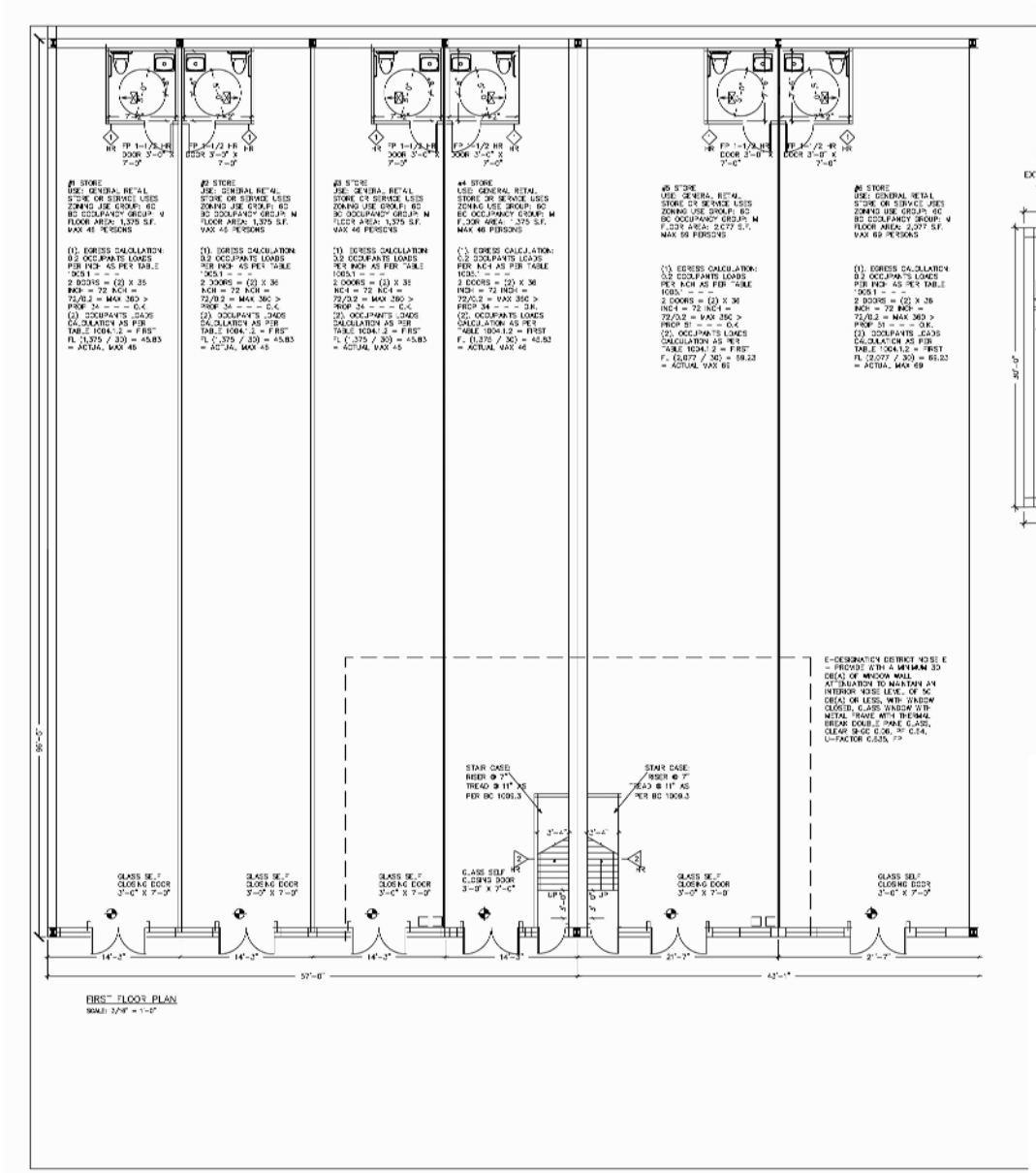
TITLE:

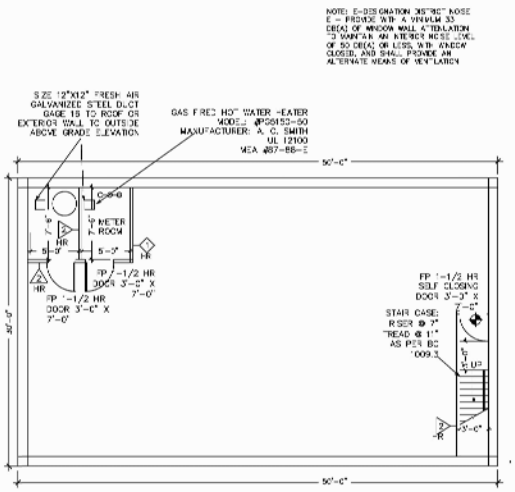
Site Boundary & Surrounding Land Usage Map

102-14 & 102-16 Liberty Ave
Ozone Park, NY 11417

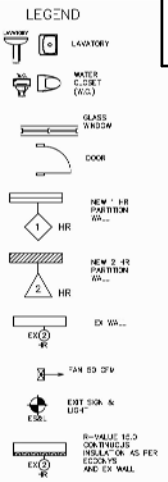
DWN:	SCALE:	DATE:	PROJECT NO.:
BJH	1" = 30'	02/07/14	YunaJ 14-01
CHKD:	APPD:	REV.:	NOTES:
HVS	JMD	-	-
FIGURE NO.:			
2			

P:\2014\YunaJ\14-01 102-14(16) LIBERTY AVENUE\Task II Noise and Hazmat RAPs\Figures\JRH Site Plan.dwg





CELLAR PLAN
SCALE: 3/16" = 1'-0"



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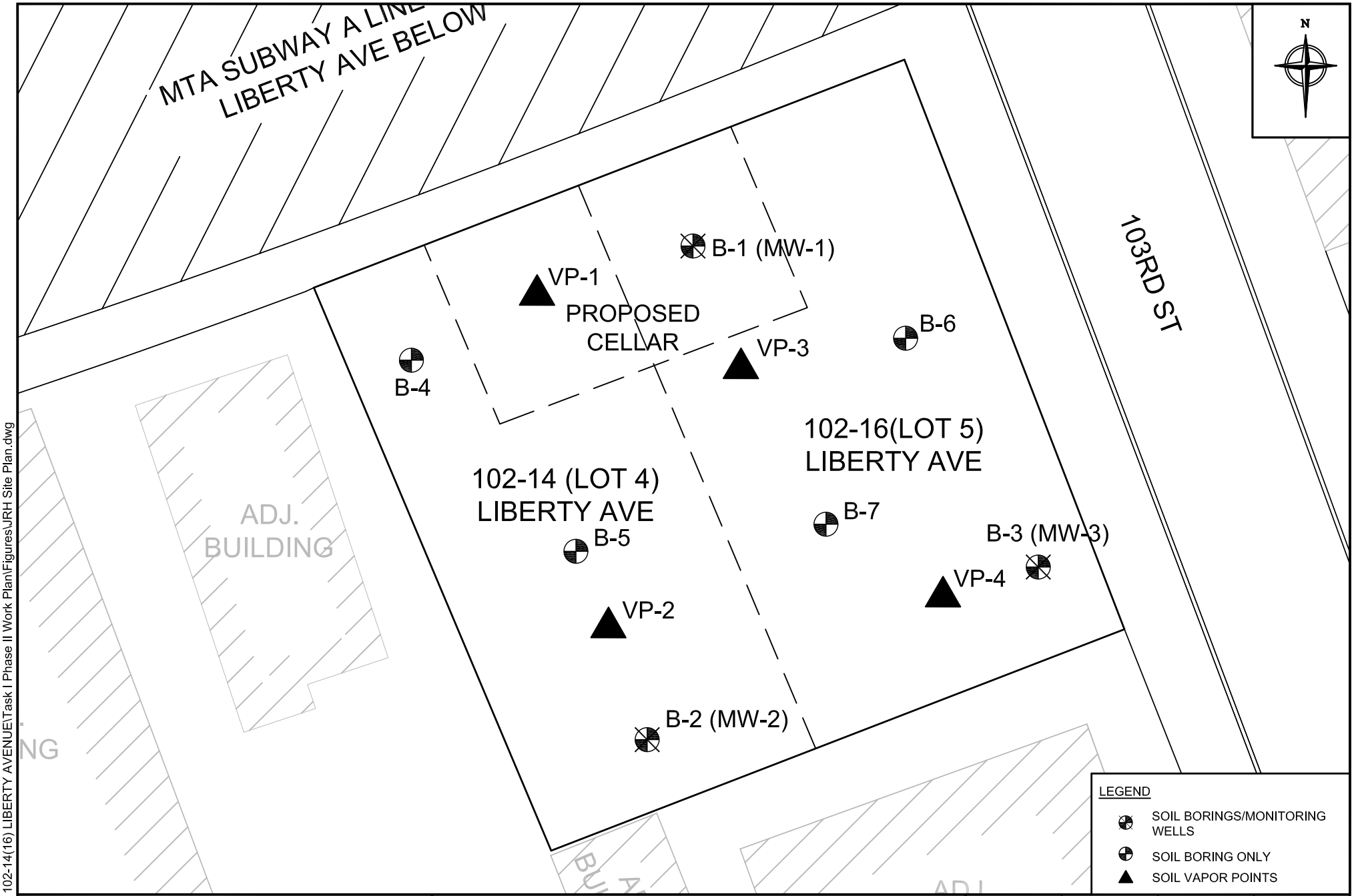
TITLE:

Proposed Site Development Plan

102-14 & 102-16 Liberty Ave
Ozone Park, NY 11417

DWN:	SCALE:	DATE:	PROJECT NO.:
DHC	1" = 20'	02/07/14	YunaJ 14-01
CHKD:	APPD:	REV.:	NOTES:
HVS	JMD	-	-
FIGURE NO.:			
3			



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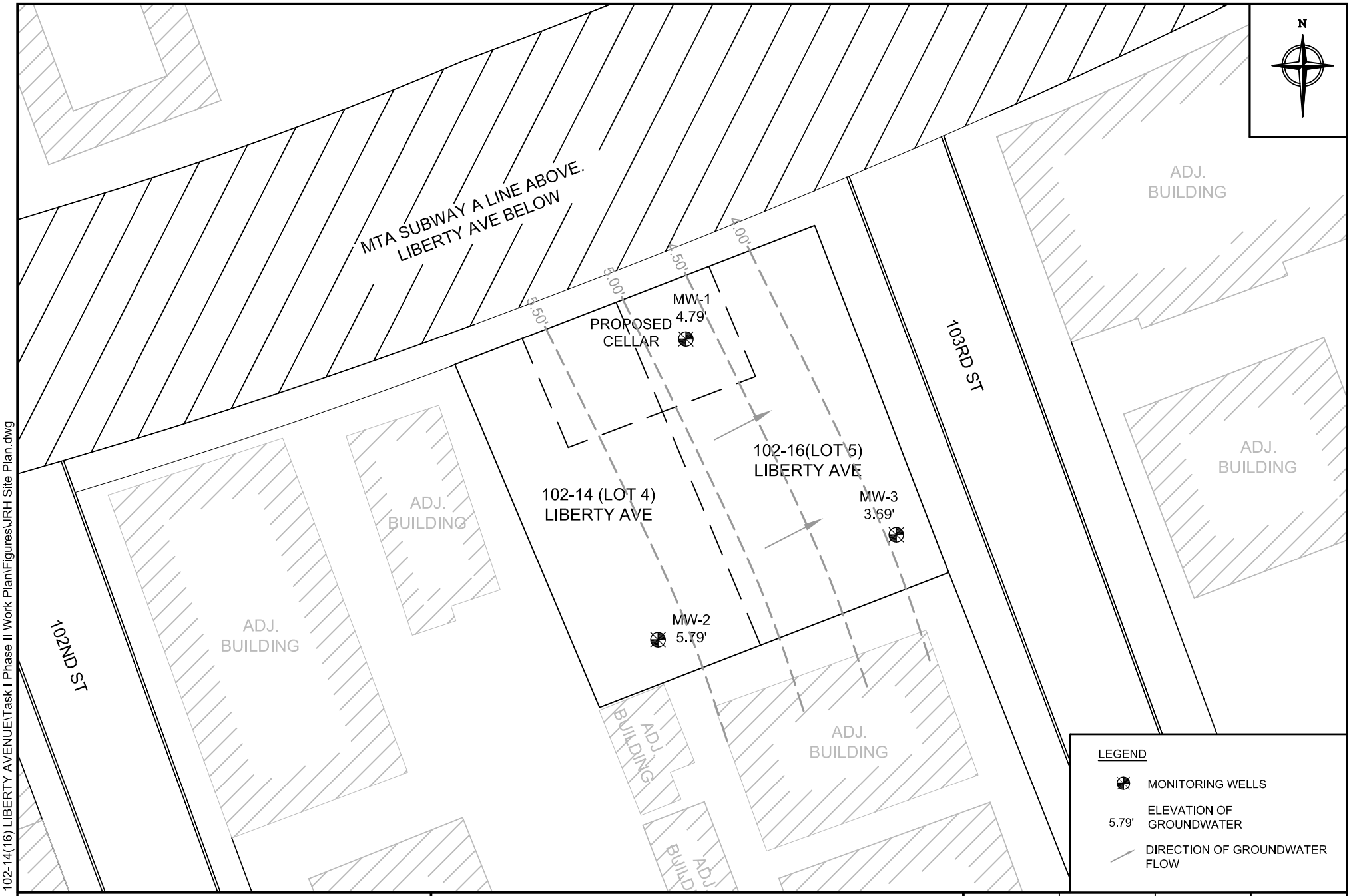
TITLE:
Soil Boring, Groundwater, and Soil Vapor Sampling Locations
102-14 & 102-16 Liberty Ave
Ozone Park, NY 11417

DWN:	SCALE:	DATE:	PROJECT NO.:
BJH	1" = 30'	02/10/14	YunaJ 14-01
CHKD:	APPD:	REV.:	NOTES:
PJH	JMD	-	-
FIGURE NO.:			
4			



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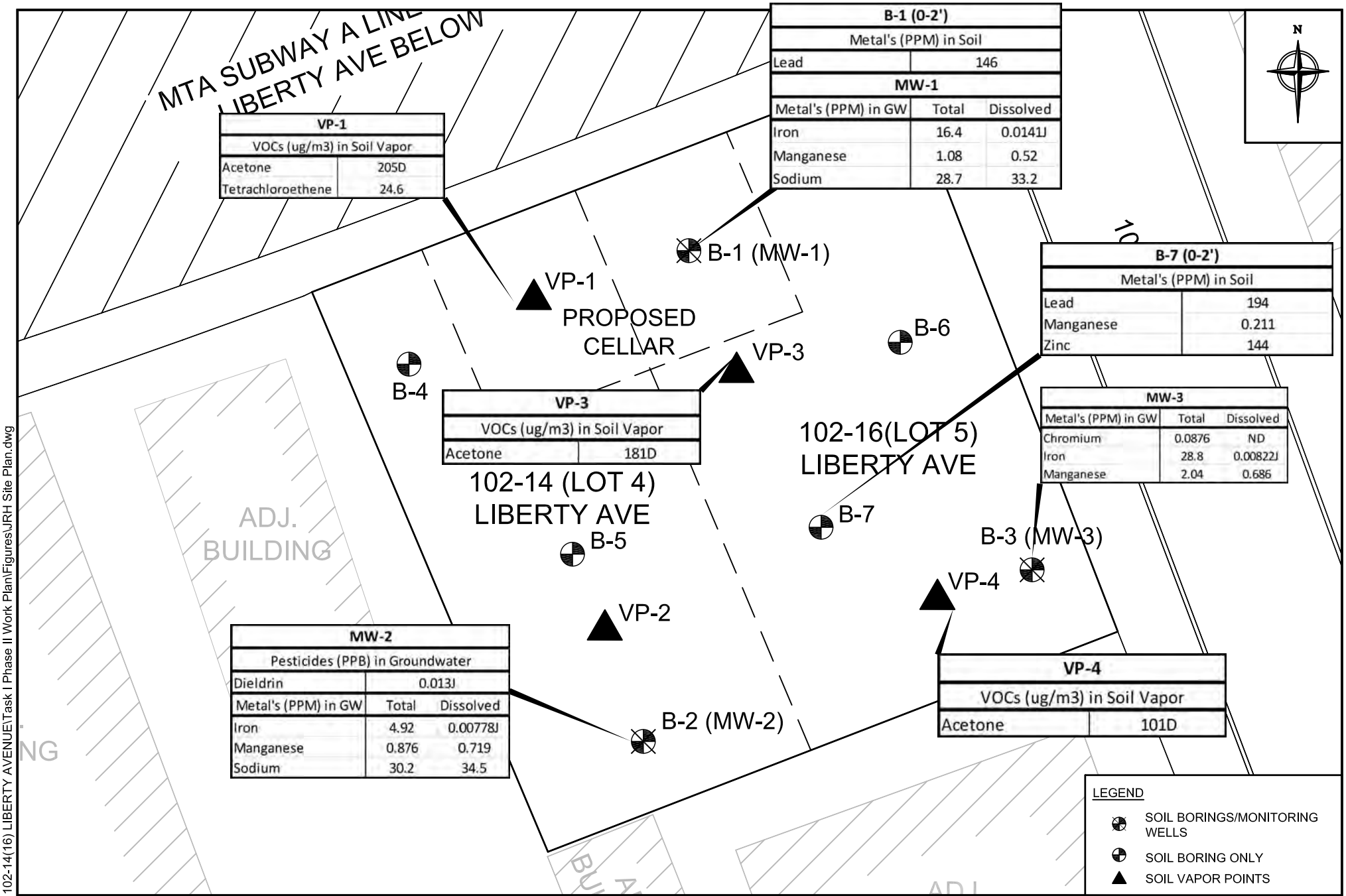
TITLE:

Groundwater Contour Map

102-14 & 102-16 Liberty Ave
Ozone Park, NY 11417

DWN:	SCALE:	DATE:	PROJECT NO.:
BJH	1" = 30'	02/10/14	YunaJ 14-01
CHKD:	APPD:	REV.:	NOTES:
PJH	JMD	-	-
FIGURE NO.:			
5			



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PHONE # (631) 234-2220 FAX # (631) 234-2221
E-MAIL: info@holzmacher.com

TITLE:

Map of Soil Chemistry, Groundwater Chemistry, and Soil Vapor Chemistry

102-14 & 102-16 Liberty Ave
Ozone Park, NY 11417

DWN:	SCALE:	DATE:	PROJECT NO.:
BJH	1" = 30'	02/10/14	YunaJ 14-01
CHKD:	APPD:	REV.:	NOTES:
PJH	JMD	-	-

FIGURE NO.: 6

Tables

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
OER Project Number 14EH-N350Q

Volatile Organic Chemicals For Soils
EPA Method 8260
Table 1

Client SampleID:		**SCOs**	**SCOs**	**B-1**	**B-1**	**B-4**	**B-4**	**B-5**	**B-5**
Depth of Sample		**Unrestricted**	**Restricted Commerical**	**0-2'**	**9-11'**	**0-2'**	**13-15'**	**0-2'**	**3-5'**
Sampling Date:		**Track 1**	**Track 2**	**1/29/2014**	**1/29/2014**	**1/29/2014**	**1/29/2014**	**1/29/2014**	**1/29/2014**
Analyte	**Units**	**Limits**							
1,1,1,2-Tetrachloroethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	PPB	680	500000	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	PPB	270	240000	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	PPB	330	500000	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	PPB	NA	NA	ND	ND	ND	ND	ND	ND
1,2,4,5-Tetramethylbenzene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	PPB	3600	190000	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	PPB	NA	NA	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	PPB	1100	500000	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	PPB	20	30000	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	PPB	NA	NA	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	PPB	8400	190000	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	PPB	2400	280000	ND	ND	ND	ND	ND	ND
1,3-dichloropropane	PPB	NA	NA	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	PPB	1800	130000	ND	ND	ND	ND	ND	ND
1,4-Dioxane	PPB	100	130000	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	PPB	NA	NA	ND	ND	ND	ND	ND	ND
2-Butanone	PPB	120	500000	ND	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	PPB	NA	NA	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
2-Hexanone	PPB	NA	NA	ND	ND	ND	ND	ND	ND
2-Propanol	PPB	NA	NA	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
4-Isopropyltoluene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Acetone	PPB	50	500000	16B	4.1B	4.3B	4.5B	4.5B	4.7B
Benzene	PPB	60	44000	ND	ND	ND	ND	ND	ND
Bromobenzene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Bromochloromethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Bromodichloromethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Bromoform	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Bromomethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Carbon disulfide	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	PPB	760	22000	ND	ND	ND	ND	ND	ND
Chlorobenzene	PPB	1100	500000	2.1J	1J	ND	ND	ND	ND
Chlorodifluoromethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Chloroethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Chloroform	PPB	370	350000	ND	ND	ND	ND	ND	ND
Chloromethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	PPB	250	500000	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Cyclohexane	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Dibromochloromethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Dibromomethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Diisopropyl ether	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Ethanol	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Ethylbenzene	PPB	1000	390000	ND	ND	ND	ND	ND	ND
Freon-114	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Isopropylbenzene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
m,p-Xylene	PPB	260	500000	ND	ND	ND	ND	ND	ND
Methyl Acetate	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether	PPB	930	500000	ND	ND	ND	ND	ND	ND
Methylene chloride	PPB	50	500000	10B	8B	8.4B	8.6B	9.3B	9B
Naphthalene	PPB	12000	500000	ND	ND	ND	ND	ND	ND
n-Butylbenzene	PPB	12000	500000	ND	ND	ND	ND	ND	ND
n-Propylbenzene	PPB	3900	500000	ND	ND	ND	ND	ND	ND
o-Xylene	PPB	260	500000	ND	ND	ND	ND	ND	ND
p-Diethylbenzene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
p-Ethyltoluene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	PPB	11000	500000	ND	ND	ND	ND	ND	ND

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
OER Project Number 14EH-N350Q

Volatile Organic Chemicals For Soils
EPA Method 8260
Table 1

Client SampleID:		**SCOs**	**SCOs**	**B-1**	**B-1**	**B-4**	**B-4**	**B-5**	**B-5**
Depth of Sample		**Unrestricted**	**Restricted Commerical**	**0-2'**	**9-11'**	**0-2'**	**13-15'**	**0-2'**	**3-5'**
Sampling Date:		**Track 1**	**Track 2**	**1/29/2014**	**1/29/2014**	**1/29/2014**	**1/29/2014**	**1/29/2014**	**1/29/2014**
Analyte	**Units**	**Limits**							
Styrene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
t-Butyl alcohol	PPB	NA	NA	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	PPB	5900	500000	ND	ND	ND	ND	ND	ND
Tetrachloroethene	PPB	1300	150000	ND	ND	ND	ND	ND	ND
Toluene	PPB	700	500000	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	PPB	190	500000	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Trichloroethene	PPB	470	200000	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Vinyl acetate	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Vinyl chloride	PPB	20	13000	ND	ND	ND	ND	ND	ND

Notes:
ND - Not detected
Objectives as per NYSDEC Part 375-6.8(b)
J- Laboratory Estimated Concentration
B- Detected in Blank
NA- Not Available

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
OER Project Number 14EH-N350Q

Volatile Organic Chemicals For Soils
EPA Method 8260
Table 1

Client SampleID:		**SCOs**	**SCOs**	**B-2**	**B-2**	**B-3**	**B-3**	**B-6**	**B-6**	**B-7**	**B-7**
Depth of Sample		**Unrestricted**	**Restricted Commerical**	**0-2'**	**4-6'**	**0-2'**	**4-6'**	**0-2'**	**4-6'**	**0-2'**	**3-5'**
Sampling Date:		**Track 1**	**Track 2**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**
Analyte	**Units**	**Limits**									
1,1,1,2-Tetrachloroethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	PPB	680	500000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	PPB	270	240000	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	PPB	330	500000	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4,5-Tetramethylbenzene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	PPB	3600	190000	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	PPB	1100	500000	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	PPB	20	30000	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	PPB	8400	190000	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	PPB	2400	280000	ND	ND	ND	ND	ND	ND	ND	ND
1,3-dichloropropane	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	PPB	1800	130000	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	PPB	100	130000	ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	PPB	120	500000	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
2-Propanol	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
4-Isopropyltoluene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	PPB	50	500000	5.8B	5.3B	6.1B	6.1B	7.2B	7.5B	10B	5.5B
Benzene	PPB	60	44000	ND	ND	ND	ND	ND	ND	ND	ND
Bromobenzene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	PPB	760	22000	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	PPB	1100	500000	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodifluoromethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	PPB	370	350000	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	PPB	250	500000	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Diisopropyl ether	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Ethanol	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	PPB	1000	390000	ND	ND	ND	ND	ND	ND	ND	ND
Freon-114	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
m,p-Xylene	PPB	260	500000	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Acetate	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether	PPB	930	500000	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	PPB	50	500000	9.2B	8.7B	9.1B	8.9B	11B	9.3B	11B	8.9B
Naphthalene	PPB	12000	500000	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	PPB	12000	500000	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	PPB	3900	500000	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	PPB	260	500000	ND	ND	ND	ND	ND	ND	ND	ND
p-Diethylbenzene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
p-Ethyltoluene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	PPB	11000	500000	ND	ND	ND	ND	ND	ND	ND	ND

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
OER Project Number 14EH-N350Q

Volatile Organic Chemicals For Soils
EPA Method 8260
Table 1

Client SampleID:		**SCOs**	**SCOs**	**B-2**	**B-2**	**B-3**	**B-3**	**B-6**	**B-6**	**B-7**	**B-7**
Depth of Sample		**Unrestricted**	**Restricted Commerical**	**0-2'**	**4-6'**	**0-2'**	**4-6'**	**0-2'**	**4-6'**	**0-2'**	**3-5'**
Sampling Date:		**Track 1**	**Track 2**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**
Analyte	**Units**	**Limits**									
Styrene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
t-Butyl alcohol	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	PPB	5900	500000	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	PPB	1300	150000	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	PPB	700	500000	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	PPB	190	500000	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	PPB	470	200000	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	PPB	20	13000	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
ND - Not detected
Objectives as per NYSDEC Part 375-6.8(b)
J- Laboratory Estimated Concentration
B- Detected in Blank
NA- Not Available

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
OER Project Number 14EH-N350Q

Semi-Volatile Organic Chemicals For Soils
EPA Method 8270
Table 2

Client SampleID:		**SCOs**	**SCOs**	**B-1**	**B-1**	**B-4**	**B-4**	**B-5**	**B-5**
Depth of Sample		**Unrestricted**	**Restricted Commerical**	**0-2'**	**9-11'**	**0-2'**	**13-15'**	**0-2'**	**3-5'**
Sampling Date:		**Track 1**	**Track 2**	**1/29/2014**	**1/29/2014**	**1/29/2014**	**1/29/2014**	**1/29/2014**	**1/29/2014**
Analyte	**Units**	**Limits**							
1,2,4-Trichlorobenzene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	PPB	1100	500000	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	PPB	2400	280000	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	PPB	1800	130000	ND	ND	ND	ND	ND	ND
2,3,4,6-Tetrachlorophenol	PPB	NA	NA	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	PPB	NA	NA	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	PPB	NA	NA	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	PPB	NA	NA	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	PPB	NA	NA	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	PPB	NA	NA	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
2-Chlorophenol	PPB	NA	NA	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
2-Methylphenol	PPB	330	500000	ND	ND	ND	ND	ND	ND
2-Nitroaniline	PPB	NA	NA	ND	ND	ND	ND	ND	ND
2-Nitrophenol	PPB	NA	NA	ND	ND	ND	ND	ND	ND
3,3´-Dichlorobenzidine	PPB	NA	NA	ND	ND	ND	ND	ND	ND
3+4-Methylphenol	PPB	330	500000	ND	ND	ND	ND	ND	ND
3-Nitroaniline	PPB	NA	NA	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	PPB	NA	NA	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenyl ether	PPB	NA	NA	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	PPB	NA	NA	ND	ND	ND	ND	ND	ND
4-Chloroaniline	PPB	NA	NA	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenyl ether	PPB	NA	NA	ND	ND	ND	ND	ND	ND
4-Nitroaniline	PPB	NA	NA	ND	ND	ND	ND	ND	ND
4-Nitrophenol	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Acenaphthene	PPB	20000	500000	ND	ND	ND	ND	ND	ND
Acenaphthylene	PPB	100000	500000	77J	ND	ND	ND	ND	ND
Acetophenone	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Aniline	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Anthracene	PPB	100000	500000	88J	ND	ND	ND	ND	ND
Atrazine	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Azobenzene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Benzaldehyde	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Benzidine	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	PPB	1000	5600	400	ND	ND	ND	ND	ND
Benzo(a)pyrene	PPB	1000	1000	390	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	PPB	1000	5600	390	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	PPB	100000	500000	260J	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	PPB	800	56000	310	ND	ND	ND	ND	ND
Benzoic acid	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Benzyl alcohol	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Biphenyl	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Caprolactam	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Carbazole	PPB	NA	NA	35J	ND	ND	ND	ND	ND
Chrysene	PPB	1000	56000	400	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	PPB	330	560	67J	ND	ND	ND	ND	ND
Dibenzofuran	PPB	7000	350000	ND	ND	ND	ND	ND	ND
Diethyl phthalate	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Fluoranthene	PPB	100000	500000	780	ND	ND	ND	ND	ND
Fluorene	PPB	30000	500000	43J	ND	ND	ND	ND	ND
Hexachlorobenzene	PPB	330	6000	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	PPB	NA	NA	ND	ND	ND	ND	ND	ND

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
OER Project Number 14EH-N350Q

Semi-Volatile Organic Chemicals For Soils
EPA Method 8270
Table 2

Client SampleID:		**SCOs**	**SCOs**	**B-1**	**B-1**	**B-4**	**B-4**	**B-5**	**B-5**
Depth of Sample		**Unrestricted**	**Restricted Commerical**	**0-2'**	**9-11'**	**0-2'**	**13-15'**	**0-2'**	**3-5'**
Sampling Date:		**Track 1**	**Track 2**	**1/29/2014**	**1/29/2014**	**1/29/2014**	**1/29/2014**	**1/29/2014**	**1/29/2014**
Analyte	**Units**	**Limits**							
Hexachloroethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	PPB	500	5600	310	ND	ND	ND	ND	ND
Isophorone	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Naphthalene	PPB	12000	500000	ND	ND	ND	ND	ND	ND
Nitrobenzene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
N-Nitrosodimethylamine	PPB	NA	NA	ND	ND	ND	ND	ND	ND
N-Nitrosodi-n-propylamine	PPB	NA	NA	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Parathion	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Pentachlorophenol	PPB	800	6700	ND	ND	ND	ND	ND	ND
Phenanthrene	PPB	100000	500000	360	ND	ND	ND	ND	ND
Phenol	PPB	330	500000	ND	ND	ND	ND	ND	ND
Pyrene	PPB	100000	500000	700	ND	ND	ND	ND	ND
Pyridine	PPB	NA	NA	ND	ND	ND	ND	ND	ND

Notes:
ND - Not detected
Objectives as per NYSDEC Part 375-6.8(b)
J- Laboratory Estimated Concentration
B- Detected in Blank
NA- Not Available

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
OER Project Number 14EH-N350Q

Semi-Volatile Organic Chemicals For Soils
EPA Method 8270
Table 2

Client SampleID:		**SCOs**	**SCOs**	**B-2**	**B-2**	**B-3**	**B-3**	**B-6**	**B-6**	**B-7**	**B-7**
Depth of Sample		**Unrestricted**	**Restricted Commerical**	**0-2'**	**4-6'**	**0-2'**	**4-6'**	**0-2'**	**4-6'**	**0-2'**	**3-5'**
Sampling Date:		**Track 1**	**Track 2**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**
Analyte	**Units**	**Limits**									
1,2,4-Trichlorobenzene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	PPB	1100	500000	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	PPB	2400	280000	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	PPB	1800	130000	ND	ND	ND	ND	ND	ND	ND	ND
2,3,4,6-Tetrachlorophenol	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	37J	ND
2-Methylphenol	PPB	330	500000	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
3,3´-Dichlorobenzidine	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
3+4-Methylphenol	PPB	330	500000	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenyl ether	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenyl ether	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	PPB	20000	500000	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	PPB	100000	500000	ND	ND	ND	ND	ND	ND	ND	ND
Acetophenone	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Aniline	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	PPB	100000	500000	ND	ND	ND	ND	ND	ND	45J	ND
Atrazine	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Azobenzene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Benzaldehyde	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	PPB	1000	5600	ND	ND	33J	ND	ND	ND	190J	ND
Benzo(a)pyrene	PPB	1000	1000	ND	ND	ND	ND	ND	ND	160J	ND
Benzo(b)fluoranthene	PPB	1000	5600	ND	ND	36J	ND	ND	ND	190J	ND
Benzo(g,h,i)perylene	PPB	100000	500000	ND	ND	ND	ND	ND	ND	130J	ND
Benzo(k)fluoranthene	PPB	800	56000	ND	ND	ND	ND	ND	ND	160J	ND
Benzoic acid	PPB	NA	NA	ND	ND	ND	ND	ND	ND	110J	ND
Benzyl alcohol	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Biphenyl	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	PPB	NA	NA	ND	ND	ND	ND	ND	61J	43J	ND
Butyl benzyl phthalate	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Caprolactam	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	PPB	1000	56000	ND	ND	44J	ND	ND	ND	240J	ND
Dibenzo(a,h)anthracene	PPB	330	560	ND	ND	ND	ND	ND	ND	31J	ND
Dibenzofuran	PPB	7000	350000	ND	ND	ND	ND	ND	ND	29J	ND
Diethyl phthalate	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	PPB	100000	500000	ND	ND	59J	ND	ND	ND	410	ND
Fluorene	PPB	30000	500000	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	PPB	330	6000	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
OER Project Number 14EH-N350Q

Semi-Volatile Organic Chemicals For Soils
EPA Method 8270
Table 2

Client SampleID:		**SCOs**	**SCOs**	**B-2**	**B-2**	**B-3**	**B-3**	**B-6**	**B-6**	**B-7**	**B-7**
Depth of Sample		**Unrestricted**	**Restricted Commerical**	**0-2'**	**4-6'**	**0-2'**	**4-6'**	**0-2'**	**4-6'**	**0-2'**	**3-5'**
Sampling Date:		**Track 1**	**Track 2**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**
Analyte	**Units**	**Limits**									
Hexachloroethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	PPB	500	5600	ND	ND	ND	ND	ND	ND	150J	ND
Isophorone	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	PPB	12000	500000	ND	ND	ND	ND	ND	ND	92J	ND
Nitrobenzene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodimethylamine	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodi-n-propylamine	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Parathion	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	PPB	800	6700	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	PPB	100000	500000	ND	ND	35J	ND	ND	ND	240J	ND
Phenol	PPB	330	500000	ND	ND	ND	ND	ND	ND	67J	ND
Pyrene	PPB	100000	500000	ND	ND	48J	ND	ND	ND	360	ND
Pyridine	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
ND - Not detected
Objectives as per NYSDEC Part 375-6.8(b)
J- Laboratory Estimated Concentration
B- Detected in Blank
NA- Not Available

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
OER Project Number 14EH-N350Q

Pesticides Method 8081
Table 3

Client SampleID:		**SCOs**	**SCOs**	**B-1**	**B-1**	**B-4**	**B-4**	**B-5**	**B-5**
Depth of Sample		**Unrestricted**	**Restricted Commerical**	**0-2'**	**9-11'**	**0-2'**	**13-15'**	**0-2'**	**3-5'**
Sampling Date:		**Track 1**	**Track 2**	**1/29/2014**	**1/29/2014**	**1/29/2014**	**1/29/2014**	**1/29/2014**	**1/29/2014**
Analyte	**Units**	**Limits**							
4,4´-DDD	PPB	3.3	92000	ND	ND	ND	ND	ND	ND
4,4´-DDE	PPB	3.3	62000	ND	ND	ND	ND	ND	ND
4,4´-DDT	PPB	3.3	47000	ND	ND	ND	ND	ND	ND
Aldrin	PPB	5	680	ND	ND	ND	ND	ND	ND
alpha-BHC	PPB	20	3400	ND	ND	ND	ND	ND	ND
beta-BHC	PPB	36	3000	ND	ND	ND	ND	ND	ND
Chlordane	PPB	94	24000	ND	ND	ND	ND	ND	ND
Chlorobenzilate	PPB	NA	NA	ND	ND	ND	ND	ND	ND
DBCP	PPB	NA	NA	ND	ND	ND	ND	ND	ND
delta-BHC	PPB	40	500000	ND	ND	ND	ND	ND	ND
Dieldrin	PPB	5	1400	ND	ND	ND	ND	ND	ND
Endosulfan I	PPB	2400	200000	ND	ND	ND	ND	ND	ND
Endosulfan II	PPB	2400	200000	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	PPB	2400	200000	ND	ND	ND	ND	ND	ND
Endrin	PPB	14	89000	ND	ND	ND	ND	ND	ND
Endrin aldehyde	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Endrin ketone	PPB	NA	NA	ND	ND	ND	ND	ND	ND
gamma-BHC	PPB	100	9200	ND	ND	ND	ND	ND	ND
Heptachlor	PPB	42	15000	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	PPB	NA	NA	ND	ND	1.2J	1.J2	ND	ND
Hexachlorobenzene	PPB	330	6000	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Methoxychlor	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Toxaphene	PPB	NA	NA	ND	ND	ND	ND	ND	ND

Notes:
ND - Not detected
Objectives as per NYSDEC Part 375-6.8(b)
NA- Not Available

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
OER Project Number 14EH-N350Q

Pesticides Method 8081
Table 3

Client SampleID:		**SCOs**	**SCOs**	**B-2**	**B-2**	**B-3**	**B-3**	**B-6**	**B-6**	**B-7**	**B-7**
Depth of Sample		**Unrestricted**	**Restricted Commerical**	**0-2'**	**4-6'**	**0-2'**	**4-6'**	**0-2'**	**4-6'**	**0-2'**	**3-5'**
Sampling Date:		**Track 1**	**Track 2**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**
Analyte	**Units**	**Limits**									
4,4´-DDD	PPB	3.3	92000	ND	ND	ND	ND	ND	ND	1.2J	ND
4,4´-DDE	PPB	3.3	62000	ND	ND	ND	ND	ND	ND	ND	ND
4,4´-DDT	PPB	3.3	47000	ND	ND	ND	ND	ND	ND	ND	ND
Aldrin	PPB	5	680	ND	ND	ND	ND	ND	ND	ND	ND
alpha-BHC	PPB	20	3400	ND	ND	ND	ND	ND	ND	ND	ND
beta-BHC	PPB	36	3000	ND	ND	ND	ND	ND	ND	ND	ND
Chlordane	PPB	94	24000	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzilate	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
DBCP	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
delta-BHC	PPB	40	500000	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	PPB	5	1400	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan I	PPB	2400	200000	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan II	PPB	2400	200000	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	PPB	2400	200000	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	PPB	14	89000	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Endrin ketone	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
gamma-BHC	PPB	100	9200	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	PPB	42	15000	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	PPB	330	6000	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
ND - Not detected
Objectives as per NYSDEC Part 375-6.8(b)
NA- Not Available

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
OER Project Number 14EH-N350Q

PCBs Method 8082
Table 4

Client SampleID:		**SCOs**	**SCOs**	**B-1**	**B-1**	**B-4**	**B-4**	**B-5**	**B-5**
Depth of Sample		**Unrestricted**	**Restricted Commerical**	**0-2'**	**9-11'**	**0-2'**	**13-15'**	**0-2'**	**3-5'**
Sampling Date:		**Track 1**	**Track 2**	**1/29/2014**	**1/29/2014**	**1/29/2014**	**1/29/2014**	**1/29/2014**	**1/29/2014**
Analyte	**Units**	**Limits**							
Aroclor 1016	PPB	100	1000	ND	ND	ND	ND	ND	ND
Aroclor 1221	PPB	100	1000	ND	ND	ND	ND	ND	ND
Aroclor 1232	PPB	100	1000	ND	ND	ND	ND	ND	ND
Aroclor 1242	PPB	100	1000	ND	ND	ND	ND	ND	ND
Aroclor 1248	PPB	100	1000	ND	ND	ND	ND	ND	ND
Aroclor 1254	PPB	100	1000	ND	ND	ND	ND	ND	ND
Aroclor 1260	PPB	100	1000	ND	ND	ND	ND	ND	ND
Aroclor 1262	PPB	100	1000	ND	ND	ND	ND	ND	ND
Aroclor 1268	PPB	100	1000	ND	ND	ND	ND	ND	ND

Notes:
All results in ppb
ND - Not detected

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
OER Project Number 14EH-N350Q

PCBs Method 8082
Table 4

Client SampleID:		**SCOs**	**SCOs**	**B-2**	**B-2**	**B-3**	**B-3**	**B-6**	**B-6**	**B-7**	**B-7**
Depth of Sample		**Unrestricted**	**Restricted Commerical**	**0-2'**	**4-6'**	**0-2'**	**4-6'**	**0-2'**	**4-6'**	**0-2'**	**3-5'**
Sampling Date:		**Track 1**	**Track 2**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**
Analyte	**Units**	**Limits**									
Aroclor 1016	PPB	100	1000	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1221	PPB	100	1000	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1232	PPB	100	1000	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1242	PPB	100	1000	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1248	PPB	100	1000	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1254	PPB	100	1000	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1260	PPB	100	1000	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1262	PPB	100	1000	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1268	PPB	100	1000	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
All results in ppb
ND - Not detected

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
OER Project Number 14EH-N350Q

TAL Metals Analysis
Table 5

Client SampleID:		**SCOs**	**SCOs**	**B-1**	**B-1**	**B-4**	**B-4**	**B-5**	**B-5**
Depth of Sample		**Unrestricted**	**Restricted Commerical**	**0-2'**	**9-11'**	**0-2'**	**13-15'**	**0-2'**	**3-5'**
Sampling Date:		**Track 1**	**Track 2**	**1/29/2014**	**1/29/2014**	**1/29/2014**	**1/29/2014**	**1/29/2014**	**1/29/2014**
Analyte	**Units**	**Limits**							
Aluminum	PPM	NA	NA	9990	2260	3880	1930	9910	2370
Antimony	PPM	NA	NA	ND	ND	ND	ND	ND	ND
Arsenic	PPM	13	16	3.87	1.07	1.42	0.884	3.3	0.843
Barium	PPM	350	400	76.3	21.9	17.4	18.8	35.5	10.8
Beryllium	PPM	7.2	590	ND	ND	ND	ND	ND	ND
Cadmium	PPM	2.5	9.3	0.176J	ND	ND	ND	ND	ND
Calcium	PPM	NA	NA	2480	259	331	250	726	247
Chromium	PPM	30	1500	18.5	9.53	10.9	7.91	18	7.24
Cobalt	PPM	NA	NA	ND	ND	ND	ND	ND	ND
Copper	PPM	50	270	21.2	6.08	9.49	5.8	11.4	6.53
Iron	PPM	NA	NA	11500	10500	11100	10600	12800	7490
Lead	PPM	63	1000	**146**	2.75	3.32	2.64	12.1	2.17
Magnesium	PPM	NA	NA	2500	780	1210	628	1600	628
Manganese	PPM	1600	10000	193	244	233	229	214	160
Mercury	PPM	0.18	2.8	0.101	ND	ND	ND	0.0329	ND
Nickel	PPM	30	310	10.4	6.76	8.87	6.13	9.64	5.08
Potassium	PPM	NA	NA	850	503	592	388	740	294
Selenium	PPM	3.9	1500	ND	ND	ND	ND	ND	ND
Silver	PPM	2	1500	0.114J	ND	ND	ND	ND	ND
Sodium	PPM	NA	NA	98.3	28.8	28	26.2	55.5	19.3
Thallium	PPM	NA	NA	0.643	ND	0.382J	ND	0.5J	ND
Vanadium	PPM	NA	NA	24.6	10.1	16.4	11.5	24.5	9.33
Zinc	PPM	109	10000	82.2	10.3	14	10.4	29.2	8.95

Notes:
All results in ppm
ND - Not detected
NA- Not Available

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
OER Project Number 14EH-N350Q

TAL Metals Analysis
Table 5

Client SampleID:		**SCOs**	**SCOs**	**B-2**	**B-2**	**B-3**	**B-3**	**B-6**	**B-6**	**B-7**	**B-7**
Depth of Sample		**Unrestricted**	**Restricted Commerical**	**0-2'**	**4-6'**	**0-2'**	**4-6'**	**0-2'**	**4-6'**	**0-2'**	**3-5'**
Sampling Date:		**Track 1**	**Track 2**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**
Analyte	**Units**	**Limits**									
Aluminum	PPM	NA	NA	16400	3030	13900	2750	11100	2440	11600	3000
Antimony	PPM	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	PPM	13	16	3.65	1.13	4.39	0.857	3.36	1.06	6.69	1.16
Barium	PPM	350	400	39.2	16.2	47.1	12.9	73.9	15.6	116	13.4
Beryllium	PPM	7.2	590	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	PPM	2.5	9.3	ND	ND	ND	ND	ND	ND	0.41J	ND
Calcium	PPM	NA	NA	1200	389	5580	695	1590	3850	2890	249
Chromium	PPM	30	1500	19.9	10.4	17.7	8.83	17.4	12	17.8	8.53
Cobalt	PPM	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Copper	PPM	50	270	15.9	9.88	20	6.52	10.6	8.39	39.9	6.88
Iron	PPM	NA	NA	16400	11000	15500	7950	13400	7770	15100	10200
Lead	PPM	63	1000	16.6	2.87	**63.7**	2.99	15.5	4.33	**194**	4.5
Magnesium	PPM	NA	NA	1970	961	4090	1100	2030	2690	2550	869
Manganese	PPM	1600	10000	183	262	216	165	478	191	347	181
Mercury	PPM	0.18	2.8	0.0181	ND	0.0186	ND	0.0208	ND	**0.211**	0.00803J
Nickel	PPM	30	310	11.6	7.56	11.2	7.37	11.3	6.72	13.5	6.31
Potassium	PPM	NA	NA	859	354	878	340	659	461	728	346
Selenium	PPM	3.9	1500	ND	ND	0.269J	ND	0.365J	ND	0.416J	ND
Silver	PPM	2	1500	ND	ND	ND	ND	ND	ND	0.165J	ND
Sodium	PPM	NA	NA	61.1	34.3	73.5	29.3	118	50.8	121	23.4
Thallium	PPM	NA	NA	1.19	0.431J	1.02	0.412J	1.03	0.346J	0.66	0.434J
Vanadium	PPM	NA	NA	27	14.9	25.8	9.19	24.5	10.7	24.4	12.4
Zinc	PPM	109	10000	39	15	54.2	12	31.7	13.1	**144**	11.5

Notes:
All results in ppm
ND - Not detected
NA- Not Available

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
OER Project Number 14EH-N350Q

Volatile Organic Chemicals for Groundwater
EPA Method 8260
Table 6

Client SampleID:		**NYS Groundwater Standards**	**MW-1**	**MW-2**	**MW-3**	**Trip Blank**	**Field Blank**
Sampling Date:			**2/4/2014**	**2/4/2014**	**2/4/2014**	**2/4/2014**	**2/4/2014**
Analyte	**Units**	**Limits**					
1,1,1,2-Tetrachloroethane	PPB	5	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	PPB	5	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	PPB	0.2	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	PPB	1	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	PPB	5	ND	ND	ND	ND	ND
1,1-Dichloroethane	PPB	5	ND	ND	ND	ND	ND
1,1-Dichloroethene	PPB	5	ND	ND	ND	ND	ND
1,1-Dichloropropene	PPB	5	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	PPB	5	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	PPB	0.4	ND	ND	ND	ND	ND
1,2,4,5-Tetramethylbenzene	PPB	5	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	PPB	5	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	PPB	5	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	PPB	0.04	ND	ND	ND	ND	ND
1,2-Dibromoethane	PPB	5	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	PPB	3	ND	ND	ND	ND	ND
1,2-Dichloroethane	PPB	0.6	ND	ND	ND	ND	ND
1,2-Dichloropropane	PPB	5	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	PPB	5	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	PPB	3	ND	ND	ND	ND	ND
1,3-dichloropropane	PPB	0.4	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	PPB	3	ND	ND	ND	ND	ND
1,4-Dioxane	PPB	50*	ND	ND	ND	ND	ND
2,2-Dichloropropane	PPB	5	ND	ND	ND	ND	ND
2-Butanone	PPB	50*	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	PPB	50*	ND	ND	ND	ND	ND
2-Chlorotoluene	PPB	5	ND	ND	ND	ND	ND
2-Hexanone	PPB	50*	ND	ND	ND	ND	ND
2-Propanol	PPB	7	ND	ND	ND	ND	ND
4-Chlorotoluene	PPB	5	ND	ND	ND	ND	ND
4-Isopropyltoluene	PPB	5	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	PPB	50*	ND	ND	ND	ND	ND
Acetone	PPB	50*	6.3B	6.4B	5.6B	5.9B	5.5B
Benzene	PPB	1	ND	ND	ND	ND	ND
Bromobenzene	PPB	5	ND	ND	ND	ND	ND
Bromochloromethane	PPB	5	ND	ND	ND	ND	ND
Bromodichloromethane	PPB	50*	ND	ND	ND	ND	ND
Bromoform	PPB	50*	ND	ND	ND	ND	ND
Bromomethane	PPB	5	ND	ND	ND	ND	ND
Carbon disulfide	PPB	50*	ND	ND	ND	ND	ND
Carbon tetrachloride	PPB	5	ND	ND	ND	ND	ND
Chlorobenzene	PPB	5	ND	ND	ND	ND	ND
Chlorodifluoromethane	PPB	50*	ND	ND	ND	ND	ND
Chloroethane	PPB	5	ND	ND	ND	ND	ND
Chloroform	PPB	7	ND	ND	**8.5**	ND	ND
Chloromethane	PPB	5	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	PPB	5	ND	ND	ND	ND	ND

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
OER Project Number 14EH-N350Q

Volatile Organic Chemicals for Groundwater
EPA Method 8260
Table 6

Client SampleID:		**NYS Groundwater Standards**	**MW-1**	**MW-2**	**MW-3**	**Trip Blank**	**Field Blank**
Sampling Date:			**2/4/2014**	**2/4/2014**	**2/4/2014**	**2/4/2014**	**2/4/2014**
Analyte	**Units**	**Limits**					
cis-1,3-Dichloropropene	PPB	0.4**	ND	ND	ND	ND	ND
Cyclohexane	PPB		ND	ND	ND	ND	ND
Dibromochloromethane	PPB	5	ND	ND	ND	ND	ND
Dibromomethane	PPB	5	ND	ND	ND	ND	ND
Dichlorodifluoromethane	PPB	5	ND	ND	ND	ND	ND
Diisopropyl ether	PPB	50*	ND	ND	ND	ND	ND
Ethanol	PPB	50*	ND	ND	ND	ND	ND
Ethylbenzene	PPB	5	ND	ND	ND	ND	ND
Freon-114	PPB	50*	ND	ND	ND	ND	ND
Hexachlorobutadiene	PPB	0.5	ND	ND	ND	ND	ND
Isopropylbenzene	PPB	5	ND	ND	ND	ND	ND
m,p-Xylene	PPB	5	ND	ND	ND	ND	ND
Methyl Acetate	PPB	50*	ND	ND	ND	ND	ND
Methyl tert-butyl ether	PPB	10	ND	ND	ND	ND	ND
Methylene chloride	PPB	5	**7.6B**	**7.8B**	**7.3B**	**6.9B**	**6.7B**
Naphthalene	PPB	10	ND	ND	ND	ND	ND
n-Butylbenzene	PPB	5	ND	ND	ND	ND	ND
n-Propylbenzene	PPB	5	ND	ND	ND	ND	ND
o-Xylene	PPB	5	ND	ND	ND	ND	ND
p-Diethylbenzene	PPB	50*	ND	ND	ND	ND	ND
p-Ethyltoluene	PPB	50*	ND	ND	ND	ND	ND
sec-Butylbenzene	PPB	5	ND	ND	ND	ND	ND
Styrene	PPB	5	ND	ND	ND	ND	ND
t-Butyl alcohol	PPB	50*	ND	ND	ND	ND	ND
tert-Butylbenzene	PPB	5	ND	ND	ND	ND	ND
Tetrachloroethene	PPB	5	ND	ND	ND	ND	ND
Toluene	PPB	5	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	PPB	5	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	PPB	0.4	ND	ND	ND	ND	ND
Trichloroethene	PPB	5	ND	ND	ND	ND	ND
Trichlorofluoromethane	PPB	5	ND	ND	ND	ND	ND
Vinyl acetate	PPB	50*	ND	ND	ND	ND	ND
Vinyl chloride	PPB	2	ND	ND	ND	ND	ND

Notes:
ND - Not detected
**- Guidance Value*
B- Detected in Blank
J- Laboratory Estimated Concentration

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
OER Project Number 14EH-N350Q

Semi Volatile Organic Chemicals (SVOCs) for Groundwater
EPA Method 8270
Table 7

Client SampleID:		**NYS Groundwater Standards**	**MW-1**	**MW-2**	**MW-3**	**Field Blank**
Sampling Date:			**2/4/2014**	**2/4/2014**	**2/4/2014**	**2/4/2014**
Analyte	**Units**	**Limits**				
1,2,4-Trichlorobenzene	PPB	5	ND	ND	ND	ND
1,2-Dichlorobenzene	PPB	3	ND	ND	ND	ND
1,3-Dichlorobenzene	PPB	3	ND	ND	ND	ND
1,4-Dichlorobenzene	PPB	3	ND	ND	ND	ND
2,3,4,6-Tetrachlorophenol	PPB	NA	ND	ND	ND	ND
2,4,5-Trichlorophenol	PPB	NA	ND	ND	ND	ND
2,4,6-Trichlorophenol	PPB	NA	ND	ND	ND	ND
2,4-Dichlorophenol	PPB	5	ND	ND	ND	ND
2,4-Dimethylphenol	PPB	50	ND	ND	ND	ND
2,4-Dinitrophenol	PPB	10	ND	ND	ND	ND
2,4-Dinitrotoluene	PPB	5	ND	ND	ND	ND
2,6-Dinitrotoluene	PPB	5	ND	ND	ND	ND
2-Chloronaphthalene	PPB	10	ND	ND	ND	ND
2-Chlorophenol	PPB	NA	ND	ND	ND	ND
2-Methylnaphthalene	PPB	NA	ND	ND	ND	ND
2-Methylphenol	PPB	NA	ND	ND	ND	ND
2-Nitroaniline	PPB	5	ND	ND	ND	ND
2-Nitrophenol	PPB	NA	ND	ND	ND	ND
3,3´-Dichlorobenzidine	PPB	5	ND	ND	ND	ND
3+4-Methylphenol	PPB	1	ND	ND	ND	ND
3-Nitroaniline	PPB	5	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	PPB	NA	ND	ND	ND	ND
4-Bromophenyl phenyl ether	PPB	NA	ND	ND	ND	ND
4-Chloro-3-methylphenol	PPB	NA	ND	ND	ND	ND
4-Chloroaniline	PPB	NA	ND	ND	ND	ND
4-Chlorophenyl phenyl ether	PPB	NA	ND	ND	ND	ND
4-Nitroaniline	PPB	5	ND	ND	ND	ND
4-Nitrophenol	PPB	NA	ND	ND	ND	ND
Acenaphthene	PPB	20	ND	ND	ND	ND
Acenaphthylene	PPB	NA	ND	ND	ND	ND
Acetophenone	PPB	NA	ND	ND	ND	ND
Aniline	PPB	NA	ND	ND	ND	ND
Anthracene	PPB	50	ND	ND	ND	ND
Atrazine	PPB	NA	ND	ND	ND	ND
Azobenzene	PPB	NA	ND	ND	ND	ND
Benzaldehyde	PPB	NA	ND	ND	ND	ND
Benzidine	PPB	NA	ND	ND	ND	ND
Benzo(a)anthracene	PPB	0.002	ND	ND	ND	ND
Benzo(a)pyrene	PPB	NA	ND	ND	ND	ND
Benzo(b)fluoranthene	PPB	0.002	ND	ND	ND	ND
Benzo(g,h,i)perylene	PPB	NA	ND	ND	ND	ND
Benzo(k)fluoranthene	PPB	0.002	ND	ND	ND	ND
Benzoic acid	PPB	NA	ND	ND	ND	ND
Benzyl alcohol	PPB	NA	ND	ND	ND	ND
Biphenyl	PPB	NA	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	PPB	NA	ND	ND	ND	ND
Bis(2-chloroethyl)ether	PPB	NA	ND	ND	ND	ND

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
OER Project Number 14EH-N350Q

Semi Volatile Organic Chemicals (SVOCs) for Groundwater
EPA Method 8270
Table 7

Client SampleID:		**NYS Groundwater Standards**	**MW-1**	**MW-2**	**MW-3**	**Field Blank**
Sampling Date:			**2/4/2014**	**2/4/2014**	**2/4/2014**	**2/4/2014**
Analyte	**Units**	**Limits**				
Bis(2-chloroisopropyl)ether	PPB	NA	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	PPB	5	ND	ND	ND	ND
Butyl benzyl phthalate	PPB	NA	ND	ND	ND	ND
Caprolactam	PPB	NA	ND	ND	ND	ND
Carbazole	PPB	NA	ND	ND	ND	ND
Chrysene	PPB	0.002	ND	ND	ND	ND
Dibenzo(a,h)anthracene	PPB	NA	ND	ND	ND	ND
Dibenzofuran	PPB	NA	ND	ND	ND	ND
Diethyl phthalate	PPB	NA	ND	ND	ND	ND
Dimethyl phthalate	PPB	NA	ND	ND	ND	ND
Di-n-butyl phthalate	PPB	50	ND	ND	ND	ND
Di-n-octyl phthalate	PPB	50	ND	ND	ND	ND
Fluoranthene	PPB	50	ND	ND	ND	ND
Fluorene	PPB	50	ND	ND	ND	ND
Hexachlorobenzene	PPB	0.04	ND	ND	ND	ND
Hexachlorobutadiene	PPB	0.5	ND	ND	ND	ND
Hexachlorocyclopentadiene	PPB	5	ND	ND	ND	ND
Hexachloroethane	PPB	5	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	PPB	0.002	ND	ND	ND	ND
Isophorone	PPB	50	ND	ND	ND	ND
Naphthalene	PPB	10	ND	ND	ND	ND
Nitrobenzene	PPB	0.4	ND	ND	ND	ND
N-Nitrosodimethylamine	PPB	NA	ND	ND	ND	ND
N-Nitrosodi-n-propylamine	PPB	NA	ND	ND	ND	ND
N-Nitrosodiphenylamine	PPB	50	ND	ND	ND	ND
Parathion	PPB	NA	ND	ND	ND	ND
Pentachlorophenol	PPB	NA	ND	ND	ND	ND
Phenanthrene	PPB	50	ND	ND	ND	ND
Phenol	PPB	NA	ND	ND	ND	ND
Pyrene	PPB	50	ND	ND	ND	ND
Pyridine	PPB	50	ND	ND	ND	ND

Notes:
ND - Not detected
**- Guidance Value*
B- Detected in Blank
J- Laboratory Estimated Concentration

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
OER Project Number 14EH-N350Q

Pesticides (Method 8021)
Table 8

Client SampleID:		**NYS Groundwater Standards**	**MW-1**	**MW-2**	**MW-3**	**Field Blank**
Sampling Date:			**2/4/2014**	**2/4/2014**	**2/4/2014**	**2/4/2014**
Analyte	**Units**	**Limits**				
4,4´-DDD	PPB	0.3	ND	ND	ND	ND
4,4´-DDE	PPB	0.2	ND	ND	ND	ND
4,4´-DDT	PPB	0.2	ND	ND	ND	ND
Aldrin	PPB	0.001	ND	ND	ND	ND
alpha-BHC	PPB	0.01	ND	ND	ND	ND
beta-BHC	PPB	0.04	0.025J	ND	ND	ND
Chlordane	PPB	0.05	ND	ND	ND	ND
Chlorobenzilate	PPB	NA	ND	ND	ND	ND
DBCP	PPB	NA	ND	ND	ND	ND
delta-BHC	PPB	0.04	ND	ND	ND	ND
Dieldrin	PPB	0.004	ND	**0.013J**	ND	ND
Endosulfan I	PPB	0.009	ND	ND	ND	ND
Endosulfan II	PPB	0.009	ND	ND	ND	ND
Endosulfan sulfate	PPB	0.009	ND	ND	ND	ND
Endrin	PPB	ND	ND	ND	ND	ND
Endrin aldehyde	PPB	5	ND	ND	ND	ND
Endrin ketone	PPB	5	ND	ND	ND	ND
gamma-BHC	PPB	0.05	ND	ND	ND	ND
Heptachlor	PPB	0.04	ND	ND	ND	ND
Heptachlor epoxide	PPB	0.03	ND	ND	0.012J	ND
Hexachlorobenzene	PPB	0.04	0.031J	ND	ND	ND
Hexachlorocyclopentadiene	PPB	5	ND	ND	ND	ND
Methoxychlor	PPB	35	ND	ND	ND	ND
Toxaphene	PPB	0.06	ND	ND	ND	ND

Notes:
ND - Not detected
J- Laboratory Estimated Concentration

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
OER Project Number 14EH-N350Q

PCBs as AROCLORS- METHOD 8082
Table 9

Client SampleID:		**NYS Groundwater Standards**	**MW-1**	**MW-2**	**MW-3**	**MW-4**	**Field Blank**
Sampling Date:			**2/4/2014**	**2/4/2014**	**2/4/2014**	**2/4/2014**	**2/4/2014**
Analyte	**Units**	**Limits**					
Aroclor 1016	PPB	0.09	ND	ND	ND	ND	ND
Aroclor 1221	PPB	0.09	ND	ND	ND	ND	ND
Aroclor 1232	PPB	0.09	ND	ND	ND	ND	ND
Aroclor 1242	PPB	0.09	ND	ND	ND	ND	ND
Aroclor 1248	PPB	0.09	ND	ND	ND	ND	ND
Aroclor 1254	PPB	0.09	ND	ND	ND	ND	ND
Aroclor 1260	PPB	0.09	ND	ND	ND	ND	ND
Aroclor 1262	PPB	0.09	ND	ND	ND	ND	ND
Aroclor 1268	PPB	0.09	ND	ND	ND	ND	ND

Notes:
ND - Not detected
J- Laboratory Estimated Concentration

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
OER Project Number 14EH-N350Q

TAL Metals Analysis- Groundwater
Table 10

Client SampleID:		**NYS Groundwater Standards**	**MW-1**	**MW-1**	**MW-2**	**MW-2**	**MW-3**	**MW-3**	**Field Blank**
			Total	Dissolved	Total	Dissolved	Total	Dissolved	Total
Sampling Date:			**2/4/2014**	**2/4/2014**	**2/4/2014**	**2/4/2014**	**2/4/2014**	**2/4/2014**	2/4/2014
Analyte	**Units**	**Limits**							
Aluminum	PPM	NA	5.02	0.00535J	2.31	ND	13.9	ND	ND
Antimony	PPM	0.003	ND	ND	ND	ND	ND	ND	ND
Arsenic	PPM	0.025	ND	ND	ND	ND	ND	ND	ND
Barium	PPM	1	0.165	0.133	0.127	0.124	0.196	0.0590	ND
Beryllium	PPM	0.003	ND	ND	ND	ND	ND	ND	ND
Cadmium	PPM	0.005	ND	ND	ND	ND	ND	ND	ND
Calcium	PPM	NA	33.2	35.0	21.2	22.7	9.82	7.10	0.0828
Chromium	PPM	0.05	0.0442	ND	0.0172J	ND	**0.0876**	ND	ND
Cobalt	PPM	NA	ND	ND	ND	ND	0.00738J	ND	ND
Copper	PPM	0.2	0.0239	ND	0.0145J	ND	0.0480	ND	ND
Iron	PPM	0.3	**16.4**	0.0141J	**4.92**	0.00778J	**28.8**	0.00822J	ND
Lead	PPM	0.025	0.00814J	ND	ND	ND	0.0172	ND	ND
Magnesium	PPM	35	6.11	4.76	3.87	3.41	5.46	1.38	0.0151J
Manganese	PPM	0.3	**1.08**	**0.520**	**0.876**	**0.719**	**2.04**	**0.686**	ND
Mercury	PPM	0.0007	ND	ND	ND	ND	ND	ND	ND
Nickel	PPM	0.1	0.0293	ND	0.0109J	ND	0.0433	ND	ND
Potassium	PPM	NA	6.53	6.37	4.73	5.37	5.23	3.23	ND
Selenium	PPM	0.01	ND	ND	ND	ND	ND	ND	ND
Silver	PPM	0.05	ND	ND	ND	ND	ND	ND	ND
Sodium	PPM	20	**28.7**	**33.2**	**30.2**	**34.5**	17.1	19.2	0.0473
Thallium	PPM	0.0005	ND	ND	ND	ND	ND	ND	ND
Vanadium	PPM	NA	0.0121J	ND	ND	ND	0.0351	ND	ND
Zinc	PPM	2	0.0638	0.00690J	0.0336	ND	0.0886	ND	ND

Notes:
ND - Not detected
J- Laboratory Estimated Concentration

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 and 5
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Table 11
Vapor Sampling

Sample ID	VP-1	VP-2	VP-3	VP-4
Lab Sample Number	**F1310-01**	**F1310-02**	**F1310-03**	**F1310-04**
Sampling Date	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**
Matrix	**Air**	**Air**	**Air**	**Air**
Units	**Ug/M3**	**Ug/M3**	**Ug/M3**	**Ug/M3**
COMPOUND				
Dichlorodifluoromethane	2.77	2.92	2.77	2.77
Chloromethane	ND	0.640J	0.210J	0.780J
Vinyl Chloride	ND	ND	ND	ND
Bromomethane	ND	ND	ND	ND
Chloroethane	ND	0.290J	ND	ND
Tetrahydrofuran	0.590J	ND	0.560J	0.380J
Trichlorofluoromethane	1.80J	1.57J	1.80J	2.70 J
1,1,2-Trichlorotrifluoroethane	0.770J	0.690J	0.770J	0.690J
Dichlorotetrafluoroethane	ND	ND	ND	ND
Bromoethene	ND	ND	ND	ND
tert-Butyl alcohol	1.7	ND	1.09J	0.760J
Heptane	18	5.74	11.5	3.61
1,1-Dichloroethene	ND	ND	ND	ND
Acetone	**205D**	18.5	**181D**	**101D**
Carbon Disulfide	1.62	4.98	2.9	1.03J
Methyl tert-Butyl Ether	ND	ND	ND	ND
Methylene Chloride	2.71	3.82	4.86	4.52
trans-1,2-Dichloroethene	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND
Cyclohexane	1.00J	0.760J	0.720J	0.720J
2-Butanone	6.19	ND	5.6	4.13
Carbon Tetrachloride	0.250 J	0.250J	0.190 J	0.250J
cis-1,2-Dichloroethene	ND	ND	ND	ND
Chloroform	1.66J	0.490J	0.540J	ND
1,1,1-Trichloroethane	0.600J	0.220J	0.490J	ND
2,2,4-Trimethylpentane	1.17J	0.930J	0.750J	0.610J
Benzene	6.07	2.84	3.83	2.3
1,2-Dichloroethane	ND	ND	ND	ND
Trichloroethene	0.480J	ND	0.110J	ND
1,2-Dichloropropane	ND	ND	ND	ND
Bromodichloromethane	ND	ND	ND	ND
4-Methyl-2-Pentanone	1.15J	ND	1.52J	ND
Toluene	99.1D	28.3	73.1D	27.1
t-1,3-Dichloropropene	ND	ND	ND	ND
cis-1,3-Dichloropropene	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND
Dibromochloromethane	ND	ND	ND	ND
1,2-Dibromoethane	ND	ND	ND	ND
Tetrachloroethene	**34.6**	5.9	21.7	1.70J
Chlorobenzene	ND	ND	ND	ND
Ethyl Benzene	24.3	2.22	20	4.78
m/p-Xylene	87.7	7.38	76	18.2
o-Xylene	23.9	2.00J	21.7	5.21
Styrene	0.430J	ND	ND	ND
Bromoform	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 and 5
OER Project Number 14EH-N350Q

Table 11
Vapor Sampling

Sample ID	**VP-1**	**VP-2**	**VP-3**	**VP-4**
Lab Sample Number	**F1310-01**	**F1310-02**	**F1310-03**	**F1310-04**
Sampling Date	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**
Matrix	**Air**	**Air**	**Air**	**Air**
Units	**Ug/M3**	**Ug/M3**	**Ug/M3**	**Ug/M3**
COMPOUND				
2-Chlorotoluene	ND	ND	ND	ND
1,3,5-Trimethylbenzene	2.51	ND	3.24	0.640J
1,2,4-Trimethylbenzene	8.36	ND	12.8	2.41J
1,3-Dichlorobenzene	ND	ND	ND	ND
1,4-Dichlorobenzene	ND	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND
Hexachloro-1,3-Butadiene	ND	ND	ND	ND
1,3-Butadiene	ND	ND	ND	ND
Naphthalene	ND	ND	0.680J	ND
4-Ethyltoluene	7.87	ND	8.85	1.62J
Hexane	7.05	4.23	4.58	2.78
Allyl Chloride	ND	ND	ND	ND
1,4-Dioxane	ND	ND	ND	ND
Methyl Methacrylate	ND	ND	ND	ND

Qualifiers

U - The compound was not detected at the indicated concentration.
N (Organics) - Presumptive Evidence of a Compound
N (Inorganics) - The matrix spike recovery was outside control limits
J - Data indicates the presence of a compound that meets the identification criteria.
The result is less than the quantitation limit but greater than MDL.
The concentration given is an approximate value.
B - The analyte was found in the laboratory blank as well as the sample.
This indicates possible laboratory contamination of the environmental sample.
P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.
* (Organics) - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.
* (Inorganics) - The sample/duplicate %RPD was above the control limit.
E (Organics) - Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.
E (Inorganics) - The reported value is estimated because of the presence of interference.
D - The reported value is from a secondary analysis with a dilution factor.
The original analysis exceeded the calibration range.
Q - indicates LCS control criteria did not meet requirements.
NR - Not analyzed

Construction Details for Soil Borings and Monitoring Wells
Table 12

	Identification Number	Date of construction	Total Depth	Diameter	Ground surface elevation	Screened interval (Elevation Range)	Construction Material	GPS Coordinates
Soil Borings	B-1	1/29/2014	11’	2”	--	0-5’	--	40°40'53.15"N 73°50'16.96"W
	B-2	1/30/2014	6’	2”	--	0-5’	--	40°40'52.50"N 73°50'16.78"W
	B-3	1/30/2014	6’	2”	--	0-5’	--	40°40'52.73"N 73°50'15.99"W
	B-4	1/29/2014	15’	2”	--	0-5’	--	40°40'52.98"N 73°50'17.11"W
	B-5	1/29/2014	5’	2”	--	0-5’	--	40°40'52.84"N 73°50'16.92"W
	B-6	1/30/2014	6’	2”	--	0-5’	--	40°40'53.17"N 73°50'16.29"W
	B-7	1/30/2014	5’	2”	--	0-5’	--	40°40'52.90"N 73°50'16.52"W
Monitoring Wells	B-1 / MW-1	1/29/2014	35’	2”	30.39’	25-35’	PVC	40°40'53.15"N 73°50'16.96"W
	B-2 / MW-2	1/30/2014	35’	2”	32.27’	25-35’	PVC	40°40'52.50"N 73°50'16.78"W
	B-3 / MW-3	1/30/2014	35’	2”	31.19’	25-35’	PVC	40°40'52.73"N 73°50'15.99"W

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
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Water levels
Table 13

Monitoring Well ID	Date	Water Elevation*
MW-1	2/4/2014	4.79’
MW-2	2/4/2014	5.79’
MW-3	2/4/2014	3.69’
*- feet, relative to a common datum		

Appendix A

Phase 1 Report by Hydro Tech Environmental Corp.

Hydro Tech Environmental, Corp.

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PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

102-16 Liberty Avenue
Queens, NY
Block 9523, Lot 5

Prepared For:

Mr. Joseph Yunason
Reda Group, LTD
70-13 Austin Street
Forest Hills, NY 11375

January 22, 2013

Hydro Tech Job No. 130002

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

Liberty Avenue
Block 9523, Lot 5
Queens, NY

January 22, 2013

Hydro Tech Environmental, Corp. appreciates the opportunity to work for the Reda Group LTD. at the property located at Block 9523, Lot 5, Liberty Avenue, Queens, New York.

Should you require any additional information or have any comments regarding the contents of this report, please feel free to contact our office at your convenience.

We declare that, to the best of my professional knowledge and belief, HTE personnel meet the definition of an environmental professional as defined in §312.10 of 40 C.F.R. 312, and we have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 C.F.R. Part 312.

Very Truly Yours,
Hydro Tech Environmental, Corp.

X_____
Sasha Rothenberg
Environmental Scientist

X_____
Mark E. Robbins, C.P.G., C.E.I.
Senior Vice President

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1.0 EXECUTIVE SUMMARY

Hydro Tech Environmental, Corp. (Hydro Tech) has performed a Phase I Environmental Site Assessment (Phase I ESA) at the Subject Property located at Block 9523, Lot 5, Liberty Avenue, Queens, New York. The Phase I ESA was performed to meet or surpass the American Standard of Testing Materials Standard for Phase I Environmental Site Assessments E 1527-05. The purpose of the assessment was to characterize the environmental quality of the Subject Property through the identification of Recognized Environmental Conditions. All work was performed under the supervision of a Hydro Tech Project Manager and under the guidance of a Hydro Tech geologist.

The results of the Phase I Environmental Site Assessment are contained in this report. The Phase I Environmental Site Assessment has revealed the following Recognized Environmental Condition(s) at the Subject Property:

- The presence of a suspect drywell (4.0).
- The historical use of the property for used automobile sales (6.0).

No effort has been made to perform any investigation beyond what is included in this Report. The observations and conclusions included herein summarize the results of the Phase I Environmental Site Assessment up to the date of the fieldwork and the date of this Report.

The following sections provide the details and specific information pertaining to the various components of the Phase I Environmental Site Assessment.

2.0 INTRODUCTION & SCOPE OF WORK

2.1 Introduction

Hydro Tech Environmental, Corp. (Hydro Tech, the ***"Preparer"***) has been retained by Reda Group LTD. (the ***"User"***) to perform a Phase I Environmental Site Assessment at the property located at Block 9523, Lot 5, Liberty Avenue, Queens, New York. The User is the ***"Prospective Buyer"*** of the property. The Phase I was prepared for due diligence purposes towards a purchase transaction of the property. The property will hereafter be referred to as the ***"Subject Property"***.

The purpose of a Phase I Assessment is to characterize the environmental quality of the Subject Property through the determination of the presence of Recognized Environmental Conditions (RECs). As defined by the American Society of Testing and Materials (ASTM), a REC is, "the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater or surface water of the property" (ASTM E 1527-05, §1.1.1).

To this end, Hydro Tech has collected information through a number of sources including, but not limited to: a property and neighborhood inspection by trained environmental personnel, a review of historical and current information collected from various federal, state, county and municipal agencies and personnel interviews with Site representatives. Recommendations are offered where prudent. Firms subcontracted by Hydro Tech and the User may have collected some information used in this report. Some or all of the Assessment has been performed or supervised by environmental professionals as required by 40 CFR Part 310. The procurement of Title and Judicial Records for Environmental Liens and/or Activity and Use Limitations ("AULs") by HTE is beyond the scope of this practice (ASTM E1527-05) and investigation.

2.2 Scope of Work

The general activities of the Phase I Assessment included the performance of the following tasks:

1. A detailed inspection of the Site and its general vicinity.
2. A review of all reasonably ascertainable regulatory agency documents.
3. A neighborhood hazardous waste survey utilizing Federal and State databases.
4. A review and evaluation of reasonably ascertainable geologic and hydrogeologic reference materials.
5. Interviews with representatives of the Site.
6. The preparation of a Phase I Environmental Site Assessment Report.

The Phase I ESA was performed in accordance with ASTM E 1527 except where noted in Section 2.3 and Hydro Tech's Proposal. As required by ASTM, the User has supplied information that has been relied upon by Hydro Tech in the rendering of findings, conclusions and opinions, except where indicated in Section 2.3 or elsewhere in the report.

2.3 Limitations, Deviations and Exceptions

In addition to those items outlined by ASTM E 1527, asbestos, radon, lead-based paint and lead in water were also considered in the scope of work. While this Phase I Assessment provides information with respect to both asbestos and lead-based paint, the presence of these materials can only be confirmed through the collection and analysis of bulk samples.

This report is not intended to serve as a full asbestos survey or lead-based paint survey. These surveys are commonly performed for the purpose of building demolition/renovation or the recognition/identification of any building materials that may contain asbestos or lead-based paint and it is recommended that they be performed prior to any such work.

Business Environmental Risks have not been considered and are not included in the scope of work. This Phase I Assessment is not intended to address the soil/groundwater quality at the Subject Property for general Site characterization or waste disposal purposes. This Phase I Assessment in not intended to evaluate the fair market price of the property if it is not affected by hazardous or petroleum products.

Portions of this report have been prepared utilizing information provided by third party sources or the user. As such, Hydro Tech relies upon these sources and has recorded findings, conclusions and opinions based upon this information. Hydro Tech cannot attest to the accuracy of this information but where possible had attempted to verify the information.

This Phase I ESA Report is not intended to serve or be construed as a regulatory compliance report for the property. No legal opinions are provided with this report.

It should be noted that the USEPA has determined in their final ruling (40 C.F.R. Part 312, Standards and Practices for All Appropriate Inquires) of November 1, 2005 that "persons conducting all appropriate inquiries may use the procedures included in the ASTM E1527-05 standard to comply with today's final rule." Therefore, while all appropriate inquiry could be considered satisfied as this ESA was prepared in exceedances(s) of the ASTM E1527-05 standard, persons attempting to utilize this ESA while seeking one of CERCLA's LLPs must note that; a) they will not maintain CERCLA liability protections unless they also comply with all of the continuing obligations established under the statute that are beyond the scope of this practice (ASTM E1527-05) and investigation; and b) in order to qualify for one of the CERCLA LLPs, the person commissioning the Phase I Environmental Site Assessment must have provided site-specific information (if available) to Hydro Tech before the date of this ESA, otherwise a determination could be made that all appropriate inquiry is not complete.

3.0 SUBJECT PROPERTY DESCRIPTION

3.1 Subject Property Vicinity

The Subject Property is located at the southwest corner of the intersection of Liberty Avenue and 103rd Street in the borough of Queens, New York. The borough of Queens is situated in the eastern portion of New York City.

The vicinity of the Subject Property consists of commercial and residential properties. The ground surfaces in the vicinity of the Site consist of asphalt, bare soil and concrete.

3.2 Subject Property Description

The address of the Subject Property is identified as 106-12 Liberty Avenue, Queens, NY. The Subject Property is approximately 9,721 square feet in area and consists of a parking area for trucks used by Moveco Moving Services. A chain link fences runs along the perimeter of the Subject Property. The ground surface consists of asphalt. A steel storage container with a length of approximately 21 feet is located in the south central portion of the Subject Property. According to the site contact, the container holds various packing materials.

Access to the Subject Property is via Liberty Avenue to the north. The Subject Property is not connected to municipal water, gas, sewer and electric services.

The topography of the Subject Property and its vicinity is generally level. **Figure 1** provides a Site Plan.

3.3 Adjacent Land Use

The Subject Property is located in a residential and commercial area. The following properties were identified immediately adjacent to the Subject Property:

Direction	Adjacent Parcel	Surrounding Parcels
North	3-story residential 3-story residential/commercial (Moveco Moving Services)	Residential
South	2-story residential	Residential / Commercial
East	2-story residential 3-story residential/commercial (Samy's Quick Stop)	Residential
West	2-story residential	Residential / Commercial

Hydro Tech does not believe that the present uses of the adjacent properties identified above should impact upon the environmental quality of the Subject Property.

3.4 Proximity to Environmentally Sensitive Areas

The results of the Site inspection and an evaluation of the United States Geological Survey (USGS) 7-½ Minute Topographic Map containing the properties indicate there is one sensitive receptor present within a 0.125-mile radius of the Subject Property. This receptor is identified as John Adams High School and is located approximately 600 feet south of the Subject Property. This receptor should not be impacted by the Subject Property.

3.5 Environmental Setting

The Site is located in the southern portion of the borough of Queens, New York. The elevation of the Subject Property is approximately 35 feet above mean sea level (USGS 7 ½-Minute Brooklyn, New York Quadrangle, 1969, Photorevised 1995).

Queens, New York is located in the western portion of Long Island. Long Island consists of a wedge-shaped mass of unconsolidated deposits that overlie ancient basement rock. The thickness of these deposits ranges from approximately 100 feet on the Island's north shore to approximately 2,000 feet in some portions of the south shore. These deposits contain ground water that is the sole source of drinking water for the Island's over 3.1 million residents.

The major landforms of Long Island of importance to the hydrologic system are the moraines and outwash plains, which originated from glacial activity. The moraines represent the farthest extent of the glacial advances. The moraines consist of till, which is a poorly sorted mixture of sand, silt, clay, gravel and boulders. The till is poor to moderately permeable in most areas. Outwash plains are located to the south of the moraines. The outwash plains were formed by the action of glacial melt water streams, which eroded the headland material of the moraines and laid down deposits of well-sorted sands, silts and gravels. These outwash deposits have a moderate to high permeability.

The **Upper Glacial Aquifer** is the uppermost hydrogeologic unit. This aquifer encompasses the moraine and outwash deposits, in addition to some localized lacustrine, marine, and reworked materials. A relatively high horizontal hydraulic conductivity and a low vertical hydraulic conductivity characterize the outwash plain portion of this unit. Since the water table is situated in the Upper Glacial Aquifer.

The **Magothy Formation** directly underlies the Upper Glacial Aquifer in the vicinity of the site. This formation is a Cretaceous coastal-shelf deposit, which consists principally of layers of sand and gravel with some interbedded clay. This formation ranges from moderate to highly permeable. A clay layer in some parts of Long Island confines the uppermost portion of the aquifer. The Magothy is Long Island's principal aquifer for public water supply. The United States Environmental Protection Agency (USEPA) has classified the Long Island aquifer system as a sole source aquifer.

The **Raritan Formation** is the deepest unit and rests directly above the bedrock units. This formation is comprised of a sand member (**Lloyd Aquifer**) and a clay member (**Raritan Clay**). The Lloyd sand extends southward from Flushing Bay to the Atlantic Ocean. The thickness of the sand member ranges in depth from 200 to 800 feet below sea level and increases in thickness to the southeast. The clay member acts as an aquitard confining the lower Lloyd aquifer between the clay and the underlying bedrock.

Long Island has a humid, temperate climate that is strongly influenced by the Long Island Sound and the Atlantic Ocean. These bodies of water temper extremes of heat in summer and cold in winters. Climate affects the formation of soil through its influence on chemical, biological and physical processes. The amount and content of rainwater, as it percolates through the soil, chemically alters the composition of the soils. Chemical and biological processes are also affected by temperature changes. The physical weathering of the soil and rocks is affected by freezing.

The soils of Long Island are relatively young, having developed since the last recession of glaciation approximately 25,000 years ago. Over thousands of years, the minerals in the bedrock debris slowly decayed and disintegrated, providing the necessary substrate to support biological activity. Rock-forming minerals such as feldspars and micas, that are rich in potassium and aluminum, release their important elements as they are converted to clays. Soils formed in glacial drift are commonly known as loam, a mixture of sand, silt and clay.

The soils of Long Island formed three distinct soil horizons or zones on glacial deposits. The lowest horizon, designated as the C-horizon, is similar in composition to the transported glacial rock debris.
The B-horizon is above the C-horizon and consists of sediments that have been considerably altered from their C-horizon source. Vadose zone water percolates through the B-horizon, carrying compounds of clay, iron, aluminum oxides, carbonates and humic acid. These materials are redeposited within the lower portions of the B-horizon, and form the zone of accumulation. The zone of accumulation may also be the zone of ground water saturation.

The zone of leaching is found in the A-horizon, which is the upper, organic-rich and life sustaining layer with abundant roots and organic matter at the surface. The A-horizon is distinct from the underlying B & C-horizons because it is darker and more friable.

Differentiation in soil horizons are the result of various soils-forming processes such as the physical breakdown of particles, the leaching of salts, the accumulation of organic matter and the chemical weathering of primary minerals. The chemical weathering of primary minerals occurs through processes such as chelation, the formation of silicate clay minerals and the translocation of silicate clay minerals by percolating water from one horizon to another and the accumulation of iron.

The depth to groundwater in the vicinity of the Site is estimated in excess of 20 feet. The groundwater flow direction in the vicinity of the Site is toward the south in the direction of the Jamaica Bay.

4.0 SITE RECONNAISSANCE

Mr. Mark E. Robbins of Hydro Tech performed the site reconnaissance portion of the Phase I Assessment on January 14, 2013. The weather during the inspection was cloudy and approximately 45 degrees Fahrenheit. ***Appendix A*** provides photographs of the Subject Property.

Hydro Tech inspected all accessible portions of the Subject Property. The interior of the building was not available for inspection. The following pertinent information was obtained during the Subject Property Reconnaissance:

1. Industrial Processes:

   No industrial processes were observed at the Subject Property. No evidence of historical industrial processes was observed at the Subject Property.

2. Suspect Asbestos-Containing Materials:

   No visual evidence of suspect asbestoscontaining material (ACM) was identified at the Subject Property.

3. Suspect Lead-Based Paint:

   No painted surfaces were identified at the Subject Property.

4. Drum Storage Areas:

   No current or former drum storage areas were observed at the Subject Property.

5. Storage Tanks:

   No visual evidence of underground storage tanks (USTs) or aboveground storage tanks (ASTs) was identified at the Subject Property. No evidence of former ASTs or USTs was identified at the Subject Property.

6. Subsurface Drainage Structures/Drains:

   A steel cover was observed covered a likely storm water drywell. At the time of inspection no access was available to the interior of the suspect drywell. Due to the historical operations at the Subject Property, unauthorized releases of hazardous materials and/or petroleum products may have adversely impact upon the environmental quality of the drywells and they should be considered a REC.

   A likely former sewer trap/clean out was observed in the northwest corner of the Subject Property. This former sewer trap/cleanout should not impact upon the environmental quality of the Subject Property.

   No subsurface drainage structures such as leaching pools or cesspools were observed at the Subject Property. No floor drains were observed at the Subject Property. No evidence of former subsurface drainage structures was observed at the Subject Property.

   No further evidence of current or former septic/waste water/storm water discharge systems is identified at the Subject Property. The Subject Property is located in a well-served area in the New York City with a publicly managed combined sewer system.

7. PCB-Containing Equipment:

   No PCB-containing equipment was identified at the Subject Property.

8. Monitoring / Potable Water Wells:

   No potable water wells were observed at the Subject Property.

   The Subject Property does not utilize wells for the generation of potable water.

   No monitoring wells were identified on the adjacent properties.

9. Mold

   No visual evidence of mold was identified at the Subject Property.

10. Pits, Ponds, or Lagoons:

    No waste disposal pits, ponds, or lagoons were observed at the Subject Property. No evidence of former pits, ponds, pools of liquid or lagoons were observed at the Subject Property.

11. Wetlands

    No evidence of wetlands or wetlands growth is identified at the Subject Property. The location of the Subject Property and its vicinity do not appear in the USA National Wetlands Inventory.

12. Distressed Vegetation:

    No distressed vegetation was observed at the Subject Property.

13. Fill / Land Disposal / Solid Waste:

    No visual areas of fill or evidence of land disposal of solid waste material(s) were observed at the Subject Property.

14. Engineering Controls:

    No engineering controls were noted at the Subject Property.

15. Odors/Air Emissions:

    No odors indicative of a petroleum, chemical or hazardous substance spill or release were identified at the Subject Property. No evidence of air emissions or air emission equipment was identified at the Subject Property.

16. Hazardous Substance / Petroleum Containers:

    No evidence of suspect hazardous substance or other petroleum containers were identified at the Subject Property.

17. Radon:

USEPA's recommended action level is 4 picoCuries/liter and the average radon gas concentrations predicted in the Queens area is 0.3 picoCuries/liter. Since Queens is located in a Low Radon Potential area, radon gas should not be represent a potential environmental concern that would warrant the sampling for radon gas at the Subject Property.

5.0 REGULATORY AGENCY DOCUMENTS

Freedom of Information Act (FOIA) requests were issued to the following regulatory agencies with respect to the Subject Property. All reasonably ascertainable municipal records are provided with this report. ***Appendix B*** provides copies of the regulatory agency documents.

- New York City Department of City Planning
- New York City Department of Building
- New York City Department of Housing Preservation and Development
- New York City Department of Health
- New York City Bureau of Fire Department
- New York State Department of Environmental Conservation
- New York City Department of Environmental Protection

New York City Department of City Planning
The Department of City Planning indicated the Subject Property is addressed as 102-16 Liberty Avenue, Queens, New York. The New York City Zoning Department indicated that the Subject Property is "R4" with a commercial overlay of "C2-2". The Little "E" Restriction is listed as "Not Applicable". The Tax Map number for the Subject Property is Block 9523, Lot 5.

New York City Department of Building
A FOIA request was submitted to the New York City Department of Building (NYCDOB). The NYCDOB indicates that there are three complaints (none open), no DOB violations and three Environmental Control Board (ECB) violations (3 open) listed for the Subject Property. The complaints relate to trucks parked on the sidewalk, unsafe fencing and the storage of wrecked cars in the lot. Two of the 3 open ECB violations are related to barbed fencing along the perimeter of the Subject Property. The remaining open ECB violation is dated September 1990 indicates the use of the Subject Property for unauthorized used automobile sale is contrary to that allowed in the Certificate of Occupancy (CO). The Department of Finance Occupancy Code is listed as "G6-Garage/gas station".

The NYCDOB records further indicate there are no jobs and 2 actions listed for the Subject Property. The actions include alteration and CO. A CO dated June 1962 indicates the use of the Subject Property for accessory parking of 32 motor vehicles.

New York City Department of Housing Preservation and Development
A FOIA request was submitted to the New York City Department of Housing Preservation and Development (NYCHPD) on January 15, 2013. The NYCHPD indicated that they do not maintain a file on the Subject Property.

New York City Department of Health
A FOIA request was submitted to the New York City Department of Health (NYCDOH). As of the date of this report, the NYCDOH has not provided any information pertaining to our FOIA request. Any information provided by the NYCDOH will be provided as soon as it has been received and evaluated.

New York City Bureau of Fire Prevention
A FOIA request was submitted to the New York City Bureau of Fire Prevention (NYCBFP). The NYCBFP was contacted via telephone to obtain the status of the FOIA request. As of the date of this report, the NYCBFP has not responded to our initial search request or subsequent follow-up calls. Any information provided by the NYCBFP will be provided as soon as it has been received and evaluated.

New York State Department of Environmental Conservation
A FOIA request was submitted to the New York State Department of Environmental Conservation (NYSDEC) on January 11, 2013. The NYSDEC has not provided any information pertaining to our FOIA request. Any information provided by the NYSDEC will be provided as soon as it has been received and evaluated.

New York City Department of Environmental Protection
A FOIA request was submitted to the New York City Department of Environmental Protection (NYCDEP) on January 11, 2013. The NYSDEC has not provided any information pertaining to our FOIA request. Any information provided by the NYSDEC will be provided as soon as it has been received and evaluated.

6.0 SITE HISTORY

6.1 Sanborn Maps

Sanborn Fire Rate Insurance Maps for the Subject Property and its vicinity dated 1901, 1911, 1927, 1950, 1966, 1969, 1970, 1980, 1983, 1985, 1987, 1988, 1990, 1991, 1992, 1993, 1995, 1996, 1999, 2001, 2002, 2003, 2004, 2005, and 2006 were obtained from EDR and evaluated in order to establish the history of the Site. ***Appendix C*** provides a copy of the Sanborn Fire Rate Insurance Maps.

Date	Subject Property Shown As	Surrounding area
1901-1988	Vacant lot	Residential and commercial buildings
1990-2006	Used auto sales	

6.2 City Directory Search

In order to further assess the property's history, available City Directory files were obtained from EDR for review. The City Directories document known occupants of specific properties and sorted by individual addresses. ***Appendix D*** provides a copy of the City Directory Search.

The following provides a listing of all documented usages of the addresses 102-16 Liberty Avenue:

Date	Use of Subject Property	Surrounding Property Use
1991	Anthonys Auto Sales	Residential & commercial

6.3 Previous Studies

Hydro Tech was not provided with any copies of previous studies or other environmental reports pertaining to the Subject Property.

6.4 Previous Owners

According to the property listing on Property Shark, the following provides a list of historical owners of the Site.

YEAR	NAME OF PREVIOUS OWNER
2009 - 2012	Liberty Avenue Development LLC

6.5 Historical Use Summary

Based on a review of available information provided and/or obtained for the Subject Property as of the date of this ESA, it appears that the Subject Property was vacant from 1901 through 1988. The historical map records indicate that the Subject Property was utilized for used auto sales from 1990 to 2006, but no building has ever existed at the Subject Property. Operations involving used auto sales often utilize petroleum and/or hazardous materials, the discharge of which may have adversely impacted upon the environmental quality of the Subject Property. The historical use of the Subject Property for used auto sales should be considered a REC.

Numerous data gaps (maximum 23 years) were noted in the historical map review. Due to other historical information obtained over the course of this investigation, Hydro Tech does not consider this data failure/data gap significant, as it appears unlikely to have affected potential Recognized Environmental Conditions at the subject site.

7.0 NEIGHBORHOOD HAZARDOUS WASTE DATABASES

Federal, State, Local and Tribal hazardous waste databases were reviewed with respect to the Subject Property and surrounding properties. The search areas for each database were specified by ASTM E 1527. In addition, all orphan sites (those without adequate information for mapping purposes) listed in the database search were also reviewed, evaluated and incorporated (as needed). ***Appendix D*** provides a copy of the Database Search Results. The following databases, with the appropriate search radius, were reviewed:

ASTM Standard Environmental Record Source	Approx. ASTM Minimum Search Distance (MSD)	Number of Mapped Sites within MSD	Number of Orphan Sites
1. NPL (Superfund) *National Priorities List*	1.0 Mile	0	0
2. Delisted NPL Site *Delisted National Priorities List Site*	0.5 Mile	0	0
3. CERCLIS *Comprehensive Environmental Response Compensation & Liability Information System*	0.5 Mile	0	0
4. CERCLIS NFRAP *CERCLIS No Further Remedial Action Planned Site*	0.5 Mile	1	0
5. RCRA-TSD CORRACTS *Resource Conservation & Recovery Treatment/Storage/Disposal Facility Subject to Corrective Action*	1.0 Mile	0	0
6. RCRA-TSD *Resource Conservation & Recovery Treatment/Storage/Disposal Facility (Non-Corrective Action)*	0.5 Mile	0	0
7. RCRA-LG *Resource Conservation & Recovery Large Quantity Generator*	Site & Adjoining	0	3
8. RCRA-SG *Resource Conservation & Recovery Small Quantity Generator*	Site & Adjoining	0	1
9. ERNS *Emergency Response Notification System*	Property Only	0	0
10. Local / State / Tribal UST, PBS *Registered Storage Tanks*	Site & Adjoining	0	0
11. Local / State / Tribal LTANKS *Leaking Underground Storage Tanks*	0.5 Mile	13	0
12. State Spill Incidents *NYSDEC Spill Sites*	0.125 Mile	6	0
13. Local / State / Tribal SWF *Solid Waste Facility / Landfill*	0.5 Mile	0	0
14. Local / State / Tribal CERCLIS *Inactive Hazardous Waste Disposal Site*	0.5 Mile	1	0
16. Inst. / Engineering Controls *Registry of Institutional and/or Engineering Controls*	Property Only	0	0
17. Voluntary Cleanup Program Sites *Local / State / Tribal VCP Sites*	0.5 Mile	0	0
18. Brownfield Sites *Local / State / Tribal Brownfield Sites*	0.5 Mile	0	0
19. Non-ASTM Record Source(s)	Not Applicable	No MSD has been established by ASTM for these sources	

The review and evaluation of the above Federal and State/Tribal/Local Databases indicates that the Subject Property is not identified in any of the databases.

One site is listed in the CERCLIS NFRAP database within a ½ mile radius of the Subject Property. This site is located over 2,500 feet to the southwest and downgradient of the Subject Property. Due to the proximity and location, this CERCLIS NFRAP site should not impact upon the environmental quality of the Subject Property.

Thirteen sites are listed in the Leaking Underground Storage Tanks (LUSTs) database within a ½ mile radius of the Subject Property. None of the 13 LUST sites are located adjacent to the Subject Property. Twelve of the 13 LUST sites have been cleaned up to the satisfaction of the NYSDEC and are considered closed. The remaining active LUST site is identified as the NYPD 106th Precinct which is located 527 feet northwest and upgradient of the Subject Property. Spill **#0012662** was reported during February 2001 due to the failure of a 3,000-gallon fuel oil UST. An investigative report submitted to the NYSDEC dated November 2011 revealed significant soil impact and low-moderate groundwater impact. The NYSDEC has requested the installation to additional monitoring wells to determine the extent of the groundwater impact before preparing a remedial action plan. Due to the low groundwater impact and the proximity of the site, this LUST site should not impact upon the environmental quality of the Subject Property.

Six properties are listed in the NY Spills database within a 0.125-mile radius of the Subject Property. None of the spill sites are located adjacent to the Subject Property. All six spill sites have been cleaned up to the satisfaction of the NYSDEC and are considered closed. Therefore, none of the NY Spills sites should impact upon the environmental quality of the Subject Property.

One site is listed in the IHWS database within a ½ mile radius of the Subject Property. This site is located approximately 1290 feet to the northwest and upgradient of the Subject Property. Soil and groundwater contamination at this site is related to former aircraft part manufacturing operations, including the storage of spent Trichloroethene (TCE) used in de-greasing activities. Extensive investigative work has found that a groundwater plume of chlorinated solvents extends several hundred feet south of the site. A remedial design/remedial action plan was approved by the NYSDEC in January 2011. The presence of remedial plans for the site suggests that the extent of the impact has been determined. Based upon this and its proximity to the Site, this IHWS should not impact upon the environmental quality of the Subject Property.

8.0 INTERVIEWS & CLIENT / USER-PROVIDED INFORMATION

During the course of the Phase I Assessment, interviews were conducted with respect to the operation and history of the Site and a Client/User Questionnaire was provided.

1. The client/user provided no records to Hydro Tech's request for information associated with Environmental Liens or Activity and Use Limitations against the property that may have been filed or listed under federal, tribal, state, or local law.

2. The client/user reported no specialized or actual knowledge or experience related to any potential Recognized Environmental Conditions at the Subject Property or nearby properties.

3. The client/user did not respond to Hydro Tech's request for information regarding the relationship of the purchase price of the property to fair market value, specifically if it has been adjusted due to the known or potential presence of on-site contamination.

4. The client/user reported no commonly known information or information within the local community regarding past use(s) of the property (including the storage and/or release of chemicals, hazardous substances, petroleum products, etc.) that could have affected the environmental integrity of the subject site.

5. The client/user could not confirm whether no environmental contamination or cleanups have occurred at the property in the past.

6. Hydro Tech Environmental provided the Questionnaire for the client/user to complete. The client did not provide the completed questionnaire to Hydro Tech Environmental for review.

8.1 Past and Present Site Associates

The following historical and current owners, operators provided information during the performance of the Phase I Assessment:

- Brian Schultz (Moveco Moving Services)

Mr. Schultz has rented the Subject Property for over 20 years and that during this time it has only been used as a parking lot. Mr. Schultz has no knowledge of any environmental issues related to the Subject Property.

The interview did not reveal the presence of any other potential Recognized Environmental Conditions in connection with the subject site, and did not provide any additional information with respect to the environmental integrity of the subject property that was not obtained from other sources over the course of this investigation.

In addition, although an interview with the former owner(s) was not possible as none were provided to HTE as of the date of this ESA, we do not believe that any such owner(s) would have additional material information regarding the potential for contamination at the property that was not obtained from other sources over the course of this investigation.

9.0 CONCLUSIONS

Hydro Tech has performed a Phase I Environmental Site Assessment at the Subject Property and the following Recognized Environmental Conditions have been identified:

- The presence of a suspect drywell (4.0).
- The historical use of the property for used automobile sales (6.0).

10.0 CREDENTIALS & DECLARATION

10.1 Credentials

In accordance with ASTM E 1527, the credentials of those personnel directly involved with the production of this report are provided with this report. ***Appendix E*** provides a copy of the personnel credentials.

10.2 Environmental Professional Declaration

We declare that to the best of our professional knowledge and belief, we meet the definition of environmental professional as defined in 40 CFR Part 312. We have the specific qualifications based on education, training and experience to access a property of the nature, history and setting of the Subject Property. Only where indicated we have developed and performed the AAIs in conformance with the standards and practices set forth in 40 C.F.R. Part 312.

11.0 REFERENCES

1. Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM E 1527-05, American Society for Testing and Materials, West Conshohocken, PA.

2. Principals of Groundwater Engineering, William C. Walton, Lewis Publishers, Inc., 1991.

3. The Long Island Ground Water Pollution Study, New York State Department of Environmental Conservation, 1972.

4. *Geochemical traverse across Cameron's Line, Boro Hall Park, Bronx, New York*, Cadmus, D., Hodgson, R., Gatto, L.M., and Puffer, J.H., Geology Department, Rutgers University, Newark, NJ.

5. *EDR Environmental Data Resources, 102-16 Liberty Avenue, Queens, NY, January 15, 2013.* The EDR – Sanborn Maps, Milford, Connecticut.

6. *EDR Environmental Data Resources, 102-16 Liberty Avenue, Queens, NY, January 17, 2013.*The EDR – Radius Map, Milford, Connecticut.

7. *EDR Environmental Data Resources, 102-16 Liberty Avenue, Queens, NY, January 15, 2013.*The EDR –City Directory, Milford, Connecticut.

8. Long Island Home Inspection, (n.d.), Radon on Long Island, from *http://www.longislandhomeinspection.com/content/radon-long-island*

9. Property Shark Property Profile for 102-16 Liberty Avenue, Queens, NY from *http://www.propertyshark.com/mason/*

12.0 EXCLUSIONS & DISCLAIMER

The observations described in this report were made under the conditions stated therein. The conclusions presented in the report were based solely upon the services described therein, and not on scientific tasks or procedures beyond the scope of described services or the time and budgetary constraints imposed by the Client.

In preparing this report, **Hydro Tech Environmental, Corp.** may have relied on certain information provided by state and local officials and other parties referenced therein, and on information contained in the files of state and/or local agencies available to **HydroTech Environmental, Corp.** at the time of the subject property assessment. Although there may have been some degree of overlap in the information provided by these various sources, **Hydro Tech Environmental, Corp.** did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this subject property assessment.

Observations were made of the subject property and of structures on the subject property as indicated within the report. Where access to portions of the subject property or to structures on the subject property was unavailable or limited, **Hydro Tech Environmental,Corp**. renders no opinion as to the presence of non-hazardous or hazardous materials, or to the presence of indirect evidence relating to a non hazardous or hazardous materials, in that portion of the subject property or structure. In addition, **Hydro Tech Environmental, Corp.** renders no opinion as to the presence of hazardous materials, or the presence of indirect evidence relating to hazardous materials, where direct observation of the interior walls, floors, or ceiling of a structure on a subject property was obstructed by objects or coverings on or over these surfaces.

Hydro Tech Environmental, Corp. did not perform testing or analyses to determine the presence or concentration of asbestos at the subject property or in the environment of the subject property under the scope of the services performed.

The conclusions and recommendations contained in this report are based in part, where noted, upon the data obtained from a limited number of soil samples obtained from widely spaced subsurface explorations. The nature and extent of variations between these explorations may not become evident until further exploration. If variations or other latent conditions then appear evident, it will be necessary to reevaluate the conclusions and recommendations of this report.

Any water level reading made in test pits, borings, and/or observation wells were made at the times and under the conditions stated in the report. However, it must be noted that fluctuations in the level of groundwater may occur due to variations in rainfall and other factors different from those prevailing at the time measurements were made.

Except as noted within the text of the report, no qualitative laboratory testing was performed as part of the subject property assessment. Where such analyses have been conducted by an outside laboratory, **Hydro Tech Environmental, Corp**. has relied upon the data provided, and has not conducted an independent evaluation of the reliability of the data.

The conclusions and recommendations contained in this report are based in part, where noted, upon various types of chemical data and are contingent upon their validity. The data have been reviewed and interpretations were made in the report. As indicated within the report, some of the data may be preliminary "screening" level data, and should be confirmed with quantitative analyses if more specific information is necessary. Moreover, it should be noted that variations in the types and concentrations of contaminants and variations in their flow paths may occur due to seasonal water table fluctuations, past disposal practices, the passage of time, and other factors. Should additional chemical data become available in the future, the data should be reviewed, and the conclusions and recommendations presented herein modified accordingly.

Chemical analyses have been performed for specific constituents during the course of this subject property assessment, as described in the text. However, it should be noted that additional chemical constituents not searched for during the current study may be present in soil and/or groundwater at the subject property.

This report was prepared solely for the use of the Client/User and is not intended for use by third parties. Unauthorized third parties shall indemnify and hold Hydro Tech harmless against any liability for any loss arising out of, or related to, reliance by any third party on any work performed hereunder, or the contents of this report.

Figure 1

ADJACENT 3-STORY
RESIDENTIAL/ COMMERCIAL

LIBERTY AVENUE

SIDEWALK

ADJACENT 2-STORY
RESIDENTIAL

MONECO MOVING SERVICES
PARKING LOT WITH
ASPHALT SURFACE

21' LONG STEEL
STORAGE CONTAINER

SIDEWALK

103rd STREET

ADJACENT 3-STORY
RESIDENTIAL/ COMMERCIAL

ADJACENT 2-STORY
RESIDENTIAL

0' 20' 40'
SCALE IN FEET (FT.)

HYDRO TECH ENVIRONMENTAL CORP.

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102-16 Liberty Avenue
Queens, NY
HTE Job# 130002

Drawn By: C.Q.
Reviewed By: M.R
Approved By: M.S
Date: 01/15/13
Scale: AS NOTED

TITLE:

FIGURE 1: SITE PLAN

Appendix A
Photographs

MOVING · PACKING · BOXES

MOVECO
MOVECO
738-8732

WD24SP
CLOTHING
WARDROBE

A.J. REALTY
718-738-2626
STOP
ICE

MOVING • PACKING • BOXES

MOVECO

MOVECO

Appendix B
Regulatory Agency Documents

Environmental Protection

Carter H. Strickland, Jr.
Commissioner

Vincent Sapienza
Deputy Commissioner
Bureau of Wastewater Treatment
vsapienza@dep.nyc.gov

96-05 Horace Harding Expressway
Corona, NY 11368
T: (718) 595-4906
F: (718) 595-6950

Date: 1/22/13

Re: Freedom of Information Law Request (FOIL) # 92376

Dear Sir or Madam:

I am writing in response to your FOIL request (see attached). This response specifically addresses only those aspects of your request related to the discharge of wastewater or other materials to a New York City public sewer. As this letter only pertains to records in the custody of the Division of Pollution Control and Monitoring, if your request was also directed to other divisions within the Bureau of Wastewater Treatment or to other bureaus within the Department of Environmental Protection, then you will receive a separate response from those divisions or bureaus.

Concerning your request, the **Division of Pollution Control and Monitoring**:

[ ] cannot identify the requested location because _____.

[X] after search, has not identified any records responsive to your request.

[ ] has identified records responsive to your request. Please telephone me at (718) 595-4756 to arrange for an appointment to review the information.

[ ] other _____

_____

_____

Sincerely,

Vitaly Weiler
FOIL Liaison
Division of Pollution Control and Monitoring

NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION

Application for Records, Article 6 – New York State Public Officers Law, Freedom of Information Law

Complete Part I of this form. Please refer to instruction sheet for assistance in completing this form. If responsive records are located, you will be notified and informed of the required payment. Advance payment is required in check or money order payable to the City of New York before documents will be released. Either send the complete application to the Records Access Officer at NYC DEP, Bureau of Legal Affairs, 59-17 Junction Blvd., 19th Fl., Flushing, NY 11373, or fax to (718) 595-6543. DO NOT FAX AND MAIL.

PART I. APPLICATION – Check type of record(s) requested:

- ☐ Bid/ Procurement (ACCO)
- ☑ Asbestos (BEC)
- ☑ Hazardous materials emergency response (BEC)
- ☐ Right To Know (BEC)
- ☑ Air permits/complaints/ inspections (BEC)
- ☑ Noise complaints/ inspections (BEC)
- ☑ Notices of Violation and decisions (ECB)
- ☑ Environmental Review/SEQRA (OEPA)
- ☑ Industrial Pretreatment/ sewer discharge violations (BWT)
- ☑ Water main/line repair/construction (BWSO)
- ☑ Sewer main/line repair/construction (BWSO)
- ☑ Water Quality (BWS/WQ)
- ☐ Watershed/ reservoir operations (BWS)
- ☐ Watershed area incident reports (DEP PD)
- ☐ Water bill accounts/ metering (BCS)
- ☐ Personnel records (HRM)
- ☑ Wastewater Treatment Plant operations (BWT)
- ☐ _____

I hereby apply to ○ inspect or ☑ receive copies of the following records (use additional sheets as needed and attach):

Location: Liberty Ave, Queens, NY Block: 9523 Lot: 5

Time frame/date of records:

Name: Shana Cross Phone: 631-462-5866 E-Mail: scross@hlecorp.com

Firm: Hydro Tech Environmental Corp

Address: 77 Arkay Drive, Ste G City Hauppauge State NY Zip Code 11788

Signature: Date: 1/10/13

PART II. DISPOSITION OF REQUEST (*TO BE COMPLETED BY THE DEPARTMENT*)

☐ APPROVED ☐ APPROVED IN PART - - To arrange for access to the records, please contact:

(Department Representative) (Bureau) (Phone No.)

Number of Pages: _____ x$.25 per page = Cost: _____

☐ DENIED DENIED IN PART - - for reason(s) checked; References are to Sec. 87 of the Public Officers Law.

- ☐ Exempt: State/Fed. Statute (2(a))
- ☐ Invasion of personal privacy (2(b))
- ☐ Competitive position injury (2(d))
- ☐ Exempt: Law Enforcement (2(e))
- ☐ Inter/intra-agency material (2(g))
- ☐ (Other) _____

Brief Description of records not subject to disclosure _____

A denial, in whole or in part, may be appealed within 30 days by writing to the NYCDEP FOIL Appeals Officer, 59-17 Junction Blvd., 19th Fl., Flushing, NY 11373

☐ UNAVAILABLE - - for reason(s) checked:

- Not described in sufficient detail
- After search, no records responsive to request located
- (Other) _____
- Not maintained by this Department

LOG NO.: _____

(Department Representative) (Bureau) (Date)

☐ Fee Waived ☐ Check/M.O. received ☐ Check/M.O. requested DOC# 050901

NYC DEP LEGAL AFFAIRS OFFICE RECEIVED 2013 JAN 10 PM 2:30

LOG# 92376

Form 14-7131-70215(58) 114

DEPARTMENT OF BUILDINGS

BOROUGH OF QUEENS, THE CITY OF NEW YORK

No. Q 145888

Date 6/11/62

3000

CERTIFICATE OF OCCUPANCY

(Standard form adopted by the Board of Standards and Appeals and issued pursuant to Section 646 of the New York Charter, and Sections C26-181.0 to C26-187.0 inclusive Administrative Code 2.1.3.1. to 2.1.3.7. Building Code.)

This certificate supersedes C. O. No.

To the owner or owners of the building or premises:

THIS CERTIFIES that the new—altered—existing—building—premises located at XXX XXXXXX

102-16 Liberty Ave SWC 103rd St. Block 9520 Lot 5

conforms substantially to the approved plans and specifications, and to the requirements of the building code and all other laws and ordinances, and of the rules and regulations of the Board of Standards and Appeals, applicable to a building of its class and kind at the time the permit was issued; and

CERTIFIES FURTHER that, any provisions of Section 646F of the New York Charter have been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent.

N.B. or Alt. No. XXXXX ALT. 12/62 Construction classification—

Occupancy classification— Comm Height stories, feet.

Date of completion— 6/6/62 Located in Use District.

Area Height Zone at time of issuance of permit G2-2

This certificate is issued subject to the limitations hereinafter specified and to the following resolutions of the Board of Standards and Appeals: (Calendar numbers to be inserted here)

PERMISSIBLE USE AND OCCUPANCY

STORY	LIVE LOADS Lbs. per Sq. Ft.	PERSONS ACCOMMODATED MALE	FEMALE	TOTAL	USE
	On ground				On ground - free parking of 32 motor vehicles for patrons and employees (Accessory to supermarket premises 103-09 Liberty Ave.; Sue NB 8/62
					Plot: 100.12 X 96.31 X 100.10 - X 97.90

W. Irving Sylvester

Borough Superintendent

CERTIFICATE WILL BE NULL AND VOID IF ALTERED IN ANY MANNER OR ADDITIONS ARE MADE THERETO.

(Page 1)

NO CHANGES OF USE OR OCCUPANCY NOT CONSISTENT WITH THIS CERTIFICATE SHALL BE MADE UNLESS FIRST APPROVED BY THE BOROUGH SUPERINTENDENT

Unless an approval for the same has been obtained from the Borough Superintendent, no change or rearrangement in the structural parts of the building, or affecting the light and ventilation of any part thereof, or in the exit facilities, shall be made; no enlargement, whether by extending on any side or by increasing in height shall be made; nor shall the building be moved from one location or position to another; nor shall there be any reduction or diminution of the area of the lot or plot on which the building is located.

The building or any part thereof shall not be used for any purpose other than that for which it is certified.

The superimposed, uniformly distributed loads, or concentrated loads producing the same stresses in the construction in any story shall not exceed the live loads specified on reverse side; the number of persons of either sex in any story shall not exceed that specified when sex is indicated, nor shall the aggregate number of persons in any story exceed the specified total; and the use to which any story may be put shall be restricted to that fixed by this certificate except as specifically stated.

This certificate does not in any way relieve the owner or owners or any other person or persons in possession or control of the building, or any part thereof from obtaining such other permits, licenses or approvals as may be prescribed by law for the uses or purposes for which the building is designed or intended; nor from obtaining the special certificates required for the use and operation of elevators; nor from the installation of fire alarm systems where required by law; nor from complying with any lawful order for additional fire extinguishing appliances under the discretionary powers of the fire commissioner; nor from complying with any lawful order issued with the object of maintaining the building in a safe or lawful condition; nor from complying with any authorized direction to remove encroachments into a public highway or other public place, whether attached to or part of the building or not.

If this certificate is marked "Temporary", it is applicable only to those parts of the building indicated on its face, and certifies to the legal use and occupancy of only such parts of the building; it is subject to all the provisions and conditions applying to a final or permanent certificate; it is not applicable to any building under the jurisdiction of the Housing Division unless it is also approved and endorsed by them, and it must be replaced by a full certificate at the date of expiration.

If this certificate is for an existing building, erected prior to March 14, 1916, it has been duly inspected and it has been found to have been occupied or arranged to be occupied prior to March 14, 1916, as noted on the reverse side; and that on information and belief, since that date there has been no alteration or conversion to a use that changed its classification as defined in the Building Code, or that would necessitate compliance with some special requirement or with the State Labor Law or any other law or ordinance; that there are no notices of violations or orders pending in the Department of Buildings at this time; that Section 646F of the New York City Charter has been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent and that, so long as the building is not altered, except by permission of the Borough Superintendent, the existing use and occupancy may be continued.

"§ 646 F. No certificate of occupancy shall be issued for any building, structure, enclosure, place or premises wherein containers for combustibles, chemicals, explosives, inflammables and other dangerous substances, articles, compounds or mixtures are stored, or wherein automatic or other fire alarm systems or fire extinguishing equipment are required by law to be or are installed, until the fire commissioner has tested and inspected and has certified his approval in writing of the installation of such containers, systems or equipment to the Borough Superintendent of the borough in which the installation has been made. Such approval shall be recorded on the certificate of occupancy."

Additional copies of this certificate will be furnished to persons having an interest in the building or premises, upon payment of a fee of fifty cents per copy.

NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION

Application for Records, Article 6 – New York State Public Officers Law, Freedom of Information Law

Complete Part I of this form. Please refer to instruction sheet for assistance in completing this form. If responsive records are located, you will be notified and informed of the required payment. Advance payment is required in check or money order payable to the City of New York before documents will be released. Either send the complete application to the Records Access Officer at NYC DEP, Bureau of Legal Affairs, 59-17 Junction Blvd., 19th Fl., Flushing, NY 11373, or fax to (718) 595-6543. **DO NOT FAX AND MAIL.**

PART I. APPLICATION – Check type of record(s) requested:

- ☐ Bid/ Procurement (ACCO)
- ☑ Asbestos (BEC)
- ☑ Hazardous materials emergency response (BEC)
- ☐ Right To Know (BEC)
- ☑ Air permits/complaints/ inspections (BEC)
- ☑ Noise complaints/ inspections (BEC)
- ☑ Notices of Violation and decisions (ECB)
- ☑ Environmental Review/SEQRA (OEPA)
- ☑ Industrial Pretreatment/ sewer discharge violations (BWT)
- ☑ Water main/line repair/construction (BWSO)
- ☑ Sewer main/line repair/construction (BWSO)
- ☑ Water Quality (BWS/WQ)
- ☐ Watershed/ reservoir operations (BWS)
- ☐ Watershed area incident reports (DEP PD)
- ☐ Water bill accounts/ metering (BCS)
- ☐ Personnel records (HRM)
- ☑ Wastewater Treatment Plant operations (BWT)
- ☐ _____

I hereby apply to ○ inspect or ☑ receive copies of the following records (use additional sheets as needed and attach):

Location: Liberty Ave, Queens, NY Block: 9523 Lot: 5

Time frame/date of records:

Name: Shana Cross Phone: 631-462-5866 E-Mail: scross@hltecorp.info

Firm: Hydro Tech Environmental, Corp

Address: 277 Arthur Drive, Ste G City Hauppauge State NY Zip Code 11788

Signature: Date: 1/10/13

PART II. DISPOSITION OF REQUEST (*TO BE COMPLETED BY THE DEPARTMENT*)

☐ **APPROVED** ☐ **APPROVED IN PART** - - To arrange for access to the records, please contact:

_____ (Department Representative) _____ (Bureau) _____ (Phone No.)

Number of Pages: _____ x$.25 per page = Cost: _____

☐ **DENIED** **DENIED IN PART** - - for reason(s) checked: References are to Sec. 87 of the Public Officers Law.

- ☐ Exempt: State/Fed. Statute (2(a))
- ☐ Invasion of personal privacy (2(b))
- ☐ Competitive position injury (2(d))
- ☐ Exempt: Law Enforcement (2(e))
- ☐ Inter/Intra-agency material (2(g))
- ☐ (Other) _____

Brief Description of records not subject to disclosure _____

A denial, in whole or in part, may be appealed within 30 days by writing to the NYCDEP FOIL Appeals Officer, 59-17 Junction Blvd., 19th Fl., Flushing, NY 11373

☐ **UNAVAILABLE** - - for reason(s) checked:

- Not described in sufficient detail
- After search, no records responsive to request located
- Not maintained by this Department
- (Other) _____

LOG NO.: _____

(Department Representative) (Bureau) (Date)

☐ Fee Waived ☐ Check/M.O. received ☐ Check/M.O. requested

DOC# 050901

Shana Cross

From: Foil r2foil <r2foil@gw.dec.state.ny.us>
Sent: Friday, January 18, 2013 12:29 PM
To: Shana Cross
Subject: R2-13-125-Cross-Acknowledgment&website Search Advise.docx

January 18, 2013

FOIL: R2-13-125

Shana Cross/Hydro Tech Env., Corp.
631-462-5866
F 631-462-5877
scross@hydrotechenvironmental.com

Re: -51-21 Northern Blvd, Woodside in Queens
-102-16 Liberty Ave in Brooklyn

Dear Ms. Cross:

We are in receipt of your Foil request for the above referenced site. The identification Number(s) assigned is: R2-13-125.

If for any reason you need to contact us again please use these numbers. When the programs are done gathering the files/information, this office will contact you.

Please email your future FOILs to Region 2 directly to the following email address:
r2foil@gw.dec.state.ny.us

Please expect our response within 20 business days from the date of this letter.

If you have any questions @ your FOIL, please call Gloria Silva/ or Cynthia Whiting/FOIL Secretary at 718-484507, or email me providing the above FOIL # at: r2foil@gw.dec.state.ny.us

Sincerely yours,

Fawzy I. Abdelsadek, Ph.D., P.E.

Regional Enforcement Coordinator

Please be advised that in your future submission of FOILs to Region 2, you should include the Spill(s), or PBS(s) number(s) to expedite your request. This will give you more information @ all records that we may have related to your FOIL(s). So that you will submit FOILs, for those

that the additional information/records are needed.

NYSDEC public websites that are listed below:

Please be advised that relevant information responsive to your request may be found at the following Department of Environmental Conservation/Remediation's websites:
The Spills Database link is as follows:
http://www.dec.ny.gov/cfmx/extapps/derexternal/index.cfm?pageid=1

HWR/Environmental Remediation Website:
http://www.dec.ny.gov/cfmx/extapps/derexternal/index.cfm?pageid=3

The PBS Database link is as follows:
http://www.dec.ny.gov/cfmx/extapps/derexternal/index.cfm?pageid=4

Also, you can search for Permits issued by NYSDEC by using the Link:
http://www.dec.ny.gov/cfmx/extapps/envapps/

If you need assistance on how to search the above websites, please contact me.

Please email your future FOILs to Region 2 directly to the following email address:
r2foil@gw.dec.state.ny.us

If after your search, additional information/records are needed, please include the spill #(s), or PBS #(s), Permit #(s) and exact street address of the site(s) you are requesting information for, and email your request(s) to Region 2. Please note that Region 2 policy is to submit a FOIL request for a maximum of two (2) sites/FOIL. If you didn't provide the results (i.e. spills/PBS #s) of your websites search within 10 days, your FOIL will be closed

You may resubmit your FOIL again providing the above requested information.

Thank you for your FOIL request. If you have any questions, please call Gloria Silva/FOIL Secretary at (718) 482-4507, or email me providing the above FOIL # at: r2foil@gw.dec.state.ny.us.

Sincerely yours,

Fawzy I. Abdelsadek, Ph.D., P.E.
Regional Enforcement Coordinator

Shana Cross

From: Foil r2foil <r2foil@gw.dec.state.ny.us>
Sent: Tuesday, January 29, 2013 12:27 PM
To: Shana Cross
Subject: R2-13-125-Cross-NoRecords.docx

January 29, 2013

FOIL: R2-13-125

Shana Cross/Hydro Tech Env., Corp.
631-462-5866
F 631-462-5877
scross@hydrotechenvironmental.com

Re: -51-21 Northern Blvd, Woodside in Queens
-102-16 Liberty Ave in Brooklyn

Dear Ms. Cross:

NYSDEC/Region 2 has reviewed your request for the above referenced records under New York State's Freedom of Information Law (FOIL). Please note that most of our records are filed by number under the names of individuals or corporations. We have no way of locating or retrieving records if they are filed under names or addresses other than those you have provided.

If no records have been located, this does not necessarily mean, and should not be interpreted to mean that there have never been any violations, complaints, claims, investigations or inquiries involving those names or addresses. We cannot make any representations as to whether there are or have been any such violations, complaints, Claims, investigations or inquiries.

☒ After a diligent search of Region 2 available files, no records could be located for the names and/or addresses you provided.

Please email your future FOILs to Region directly to the following email address: r2foil@gw.dec.state.ny.us

Thank you for your request. If additional information is needed, please call Gloria Silva/FOIL Secretary at (718) 482-4507,
or email me at: r2foil@gw.dec.state.ny.us

Sincerely yours,

Fawzy I. Abdelsadek, Ph.D., P.E.

Regional Enforcement Coordinator

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NYC Department of Buildings

Property Profile Overview

102-16 LIBERTY AVENUE **QUEENS 11417** **BIN# 4827698**

LIBERTY AVENUE 102-16 - 102-16

Health Area	: 3100	**Tax Block**	: 9523
Census Tract	: 94	**Tax Lot**	: 5
Community Board	: 410		

View DCP Addresses... Browse Block

View Zoning Documents View Challenge Results View Certificates of Occupancy

Cross Street(s):	102 STREET, 103 STREET		
DOB Special Place Name:			
DOB Building Remarks:			
Landmark Status:		**Special Status:**	N/A
Local Law:	NO	**Loft Law:**	NO
SRO Restricted:	NO	**TA Restricted:**	NO
UB Restricted:	NO		
Little 'E' Restricted:	N/A	**Grandfathered Sign:**	NO
Legal Adult Use:	NO	**City Owned:**	NO
Additional BINs for Building:	NONE		

Special District: UNKNOWN

This property is not located in an area that may be affected by Tidal Wetlands, Freshwater Wetlands, or Coastal Erosion Hazard Area. Click here for more information

Department of Finance Building Classification: G6-GARAGE/GAS STAT'N

Please Note: The Department of Finance's building classification information shows a building's tax status, which may not be the same as the legal use of the structure. To determine the legal use of a structure, research the records of the Department of Buildings.

	Total	Open
Complaints	3	0
Violations-DOB	0	0
Violations-ECB (DOB)	3	3
Jobs/Filings	0	
ARA / LAA Jobs	0	
Total Jobs	0	
Actions	2	

OR Enter Action Type:

OR Select from List:

Select...

AND Show Actions

- Elevator Records
- Electrical Applications
- Permits In-Process / Issued
- Illuminated Signs Annual Permits
- Plumbing Inspections
- Open Plumbing Jobs / Work Types
- Facades
- Marquee Annual Permits
- Boiler Records
- DEP Boiler Information
- Crane Information
- After Hours Variance Permits

If you have any questions please review these Frequently Asked Questions, the Glossary, or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.

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NYC Department of Buildings

ECB Query By Location

Premises: 102-16 LIBERTY AVENUE QUEENS **BIN: 4827698 Block: 9523 Lot: 5 CB: 410**

Dept. of Buildings Violations & Compliance	
Total Issued = 3	**Open (Non-Compliance) =** 3

ECB Hearings	
Completed / Defaulted = 3	**Pending =** 0

ECB Number	Dept. of Buildings Violation Status	Respondent	ECB Hearing Status	Viol Date	Infraction Codes	ECB Penalty Due
34046952M	OPEN - NO COMPLIANCE RECORDED **Severity:** NON-HAZARDOUS	SCIRICA,ANTHONY	IN VIOLATION	09/20/1990 **Viol Type:** CONSTRUCTION	B03	$0.00
34342691J	OPEN - NO COMPLIANCE RECORDED **Severity:** NON-HAZARDOUS	SCIRICA ANTONY **Inspect Unit:** QUEENS CONSTRUCTION	WRITTEN OFF	10/31/2002 **Viol Type:** CONSTRUCTION	B7A	$0.00
34375128L	OPEN - NO COMPLIANCE RECORDED **Severity:** HAZARDOUS	SCIRICA ANTHONY **Inspect Unit:** QUEENS CONSTRUCTION	WRITTEN OFF	02/01/2003 **Viol Type:** CONSTRUCTION	B7A	$0.00

Compliance Status (Open/Resolved) relates to whether a violation has been corrected/uncorrected. Dismissed violations do not require filing a Certificate of Correction.

ECB Hearing Status and the **ECB Penalty Due** are separate from **Compliance Status** (i.e. a penalty is still due in many cases even when the violating condition has been fixed).

Severity Class	
Class 1 - Immediately Hazardous	HAZ - Hazardous - 1968 Building Code
Class 2 - Major	NON-HAZ - Non-hazardous - 1968 Building Code
Class 3 - Lesser	

Violation Status Descriptions	**ECB Hearing Status**
OPEN - No Compliance Recorded	CURED/IN-VIO - In Violation/no hearing required
OPEN - Certificate Pending (Certificate of Correction submitted and under review)	STIPULATION/IN-VIO - No hearing required/in violation
OPEN - Certificate Disapproved (Certificate of Correction disapproved/not in compliance)	IN VIOLATION - Hearing decision completed
RESOLVED - N/A-Dismissed (at ECB - no Certificate of Correction required)	DISMISSED - Hearing decision completed
RESOLVED - Certificate Accepted (Certification of Correction Accepted/in compliance)	DEFAULT - Respondent failed to appear at hearing
RESOLVED - Cure Accepted (early correction accepted - in violation/no penalty or hearing)	PUBLICLY-OWNED - No hearing required
RESOLVED - Compliance Insp/Doc (condition verified by Inspector or by Dept. documentation)	PENDING - Awaiting ECB hearing or decision
	ADMIT/IN-VIO - In Violation/no hearing required
	WRITTEN OFF - Imposed penalty legally uncollectable

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NYC Department of Buildings

ECB Violation Details

Premises: 102-16 LIBERTY AVENUE QUEENS **Filed At: 102-16 LIBERTY AVENUE , QUEENS , NY 11417**

BIN: 4827698 Block: 9523 Lot: 5 **Community Board: 410**

ECB Violation Summary

VIOLATION OPEN

ECB Violation Number: 34046952M

Severity: NON-HAZARDOUS

Certification Status: NO COMPLIANCE RECORDED
Hearing Status: IN VIOLATION
Penalty Balance Due: $0.00

Respondent Information

Name: SCIRICA,ANTHONY
Mailing Address: 102-16 LIBERTY AVE , QNS , NY 11417

Violation Details

Violation Date: 09/20/1990 **Violation Type:** CONSTRUCTION
Served Date: 09/20/1990 **Inspection Unit:**

Infraction Codes	Section of Law	Standard Description
B03	27-217	OCCUPANCY CONTRARY TO THAT ALLOWED BY THE C OF O BLDG DEPT RECORDS

Specific Violation Condition(s) and Remedy:

OCCUPANCY CONTRARY TO THAT ALLOWED. BY THE CERTIFICATE OF OCCUPANCY COF O #Q145888 FROM ACCESSORY PARKING OF MOTOR VECHICLES TO ILLEGAL AUTOMOBILE SALES ESTABLISHMENT. REMEDY:OBTAIN A VALID COFO OR DISCONTIE

Issuing Inspector ID: 1061 **DOB Violation Number:** 092090C09Q02
Issued as Aggravated Level: NO

Dept. of Buildings Compliance Information

Certification Status: NO COMPLIANCE RECORDED
Compliance On:

A Certificate of Correction must be submitted to the Administrative Enforcement Unit (AEU) for all violations. A violation that is not dismissed by ECB will continue to remain ACTIVE or "open" on DOB records until acceptable proof is submitted to the AEU, even if you have paid the penalty imposed by ECB.

ECB Hearing Information

Scheduled Hearing Date: 02/19/1991 **Hearing Status:** IN VIOLATION
Hearing Time: 8:30

ECB Penalty Information

Penalty Imposed: $285.00

Adjustments:	$0.00
Amount Paid:	$285.00
Penalty Balance Due:	$0.00

ECB Violation History

Compliance Events

Hearing Events

Hearing Assigned On:	02/19/1991
Default:	11/16/1990

If you have any questions please review these Frequently Asked Questions, the Glossary, or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.

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NYC Department of Buildings

ECB Violation Details

Premises: 102-16 LIBERTY AVENUE QUEENS **Filed At: 102-16 LIBERTY AVENUE , QUEENS , NY 11417**

BIN: 4827698 Block: 9523 Lot: 5 **Community Board: 410**

ECB Violation Summary

VIOLATION OPEN

ECB Violation Number: 34342691J

Severity: NON-HAZARDOUS

Certification Status: NO COMPLIANCE RECORDED
Hearing Status: WRITTEN OFF
Penalty Balance Due: $0.00

Respondent Information

Name: SCIRICA ANTONY
Mailing Address: 102-16 LIBERTY AVENUE , JAMAICA , NY 11417

Violation Details

Violation Date: 10/31/2002 **Violation Type:** CONSTRUCTION
Served Date: 10/31/2002 **Inspection Unit:** QUEENS CONSTRUCTION

Infraction Codes	Section of Law	Standard Description
B7A	27-127	FAILURE TO MAINTAIN BUILDING - HAZARDOUS

Specific Violation Condition(s) and Remedy:

FAILURE TO MAINTAIN DEFECT IS:BARB & RAZOR WIRES ARE ON THE FENCE FACING ON THE PUBLIC SIDEWALKS ON LIBERTY AVE & 103 ST.SOME VERTICAL PIPES OF FENCE ARE OUT OF PLUMIS,SOME HARIZONTAL PIPES & CHAIN-LINK DISCON

Issuing Inspector ID: 1130 **DOB Violation Number:** 103102C10BA01
Issued as Aggravated Level: NO

Dept. of Buildings Compliance Information

Certification Status: NO COMPLIANCE RECORDED
Compliance On:

A Certificate of Correction must be submitted to the Administrative Enforcement Unit (AEU) for all violations. A violation that is not dismissed by ECB will continue to remain ACTIVE or "open" on DOB records until acceptable proof is submitted to the AEU, even if you have paid the penalty imposed by ECB.

ECB Hearing Information

Hearing Status: WRITTEN OFF

ECB Penalty Information

Penalty Imposed: $800.00
Adjustments: $-800.00
Amount Paid: $0.00

Penalty Balance Due: $0.00
Court Docket Date: 07/31/2003

ECB Violation History

Compliance Events

Hearing Events

Hearing Assigned On: 12/17/2002
Written Off: 12/17/2002

If you have any questions please review these Frequently Asked Questions, the Glossary, or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.

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NYC Department of Buildings

ECB Violation Details

Premises: 102-16 LIBERTY AVENUE QUEENS **Filed At: 102-16 LIBERTY AVENUE , QUEENS , NY 11417**

BIN: 4827698 Block: 9523 Lot: 5 **Community Board: 410**

ECB Violation Summary

VIOLATION OPEN

ECB Violation Number: 34375128L

Severity: HAZARDOUS

Certification Status: NO COMPLIANCE RECORDED
Hearing Status: WRITTEN OFF
Penalty Balance Due: $0.00

Respondent Information

Name: SCIRICA ANTHONY
Mailing Address: 102-16 LIBERTY AVENUE , QUEENS , NY 11417

Violation Details

Violation Date: 02/01/2003 **Violation Type:** CONSTRUCTION
Served Date: 02/06/2003 **Inspection Unit:** QUEENS CONSTRUCTION

Infraction Codes	Section of Law	Standard Description
B7A	27-127	FAILURE TO MAINTAIN BUILDING - HAZARDOUS

Specific Violation Condition(s) and Remedy:

FAILURE TO MAINTAIN. DEDFECTA; RAZOR WIRE ON FENCE FACING PUBLIC SIDEWALK ON LIBERTY AVE 103 STREET CHAIN LINK FENCE OUT OF PLUMB LOOSE. REMEDY: REPAIR DEFECTS, REMOVE RAZOR WIRE.

Issuing Inspector ID: 1883 **DOB Violation Number:** 020103C10ZP04
Issued as Aggravated Level: MULTIPLE OFFENSE

Dept. of Buildings Compliance Information

Certification Status: NO COMPLIANCE RECORDED
Compliance On:

A Certificate of Correction must be submitted to the Administrative Enforcement Unit (AEU) for all violations. A violation that is not dismissed by ECB will continue to remain ACTIVE or "open" on DOB records until acceptable proof is submitted to the AEU, even if you have paid the penalty imposed by ECB.

ECB Hearing Information

Hearing Status: WRITTEN OFF

ECB Penalty Information

Penalty Imposed: $10,000.00
Adjustments: $0.00
Amount Paid: $0.00
Penalty Balance Due: $0.00

Court Docket Date: 07/31/2003

ECB Violation History

Compliance Events

Hearing Events

Default:	03/31/2003
Written Off:	06/10/2003

If you have any questions please review these Frequently Asked Questions, the Glossary, or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.

424825346

343<46

KSG#Exlkglqj/#Uhjlvwudwlrq#)#Ylrodwlrq Vhuylfhv# --- Select --- Home

Erur Txhhqv

Eorfn#& <856

Orw#& 8

Vhdufk Fdqfdu

Vwuhhw Eorfn

There are no Records that match the search criteria entered. Please try one or more of the following to conduct a successful search:

1. Partial entries for a data element or Record, e.g. Use 8 instead of 8th Street or enter a Borough and Block but no Lot.

2. Ensure all the data entered is correct, i.e. Borough, Block and Lot or Borough, House #, and Street Name depending on the search method

Property Report by PropertyShark.com

Property Report for:
(no address)

1 Your Notes

No notes found.

3 Overview

Location

Borough	Queens
Block & lot	09523-0005

Neighborhood

School district	27
Community board	10
Neighborhood	Ozone Park
City council	32
Census tract	0094.00

Nearest

Police precinct	106
Police station	10351 101 St
Distance to	0.10 Miles
Fire station	10319 98 St
Distance to	0.20 Miles

Property Tax Assessment

Actual land	$130,500
Assessment	$130,500
Tax class	4
Annual tax bill	$13,248.36
Annual tax bill projected	$13,248.36

Property Maps

Zoning map	18a
Tax map	44103
Sanborn map	404 065
Link to tax map	Click here

Most Recent Sale

Sale date	9/4/2009
Sale price	$0

Square Feet

Lot SF	9,721

Ratio of Building SF to Lot SF (FAR)

Max allowed FAR	.9
FAR as built	n/a
Maximum usable floor area	8,749

Building

Building dimensions	n/a
Stories	n/a
Residential units	n/a
Has extension	No
Has garage	No
Year built	0
Year last altered	n/a

Lot

Lot dimensions	100.12 ft x 96.32 ft
Corner lot	SW
Buildings on lot	

Zoning, Use & C-of-O

Zoning district	C2-2/R4
Building class	Licensed Parking Lot (G6)
E-Designation	None
Historic district	None
Landmark	None

Hazards & Environment

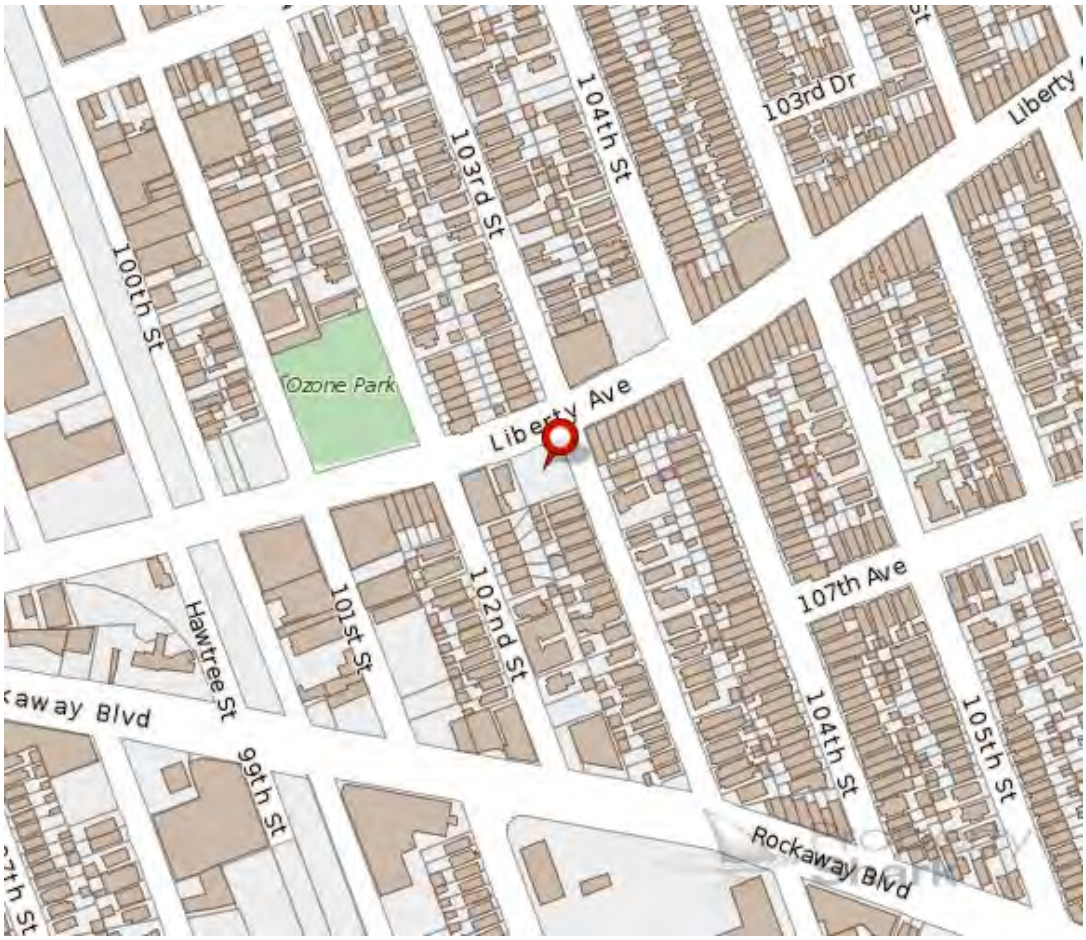
Toxic site on this property	No
Neighboring toxic sites	No

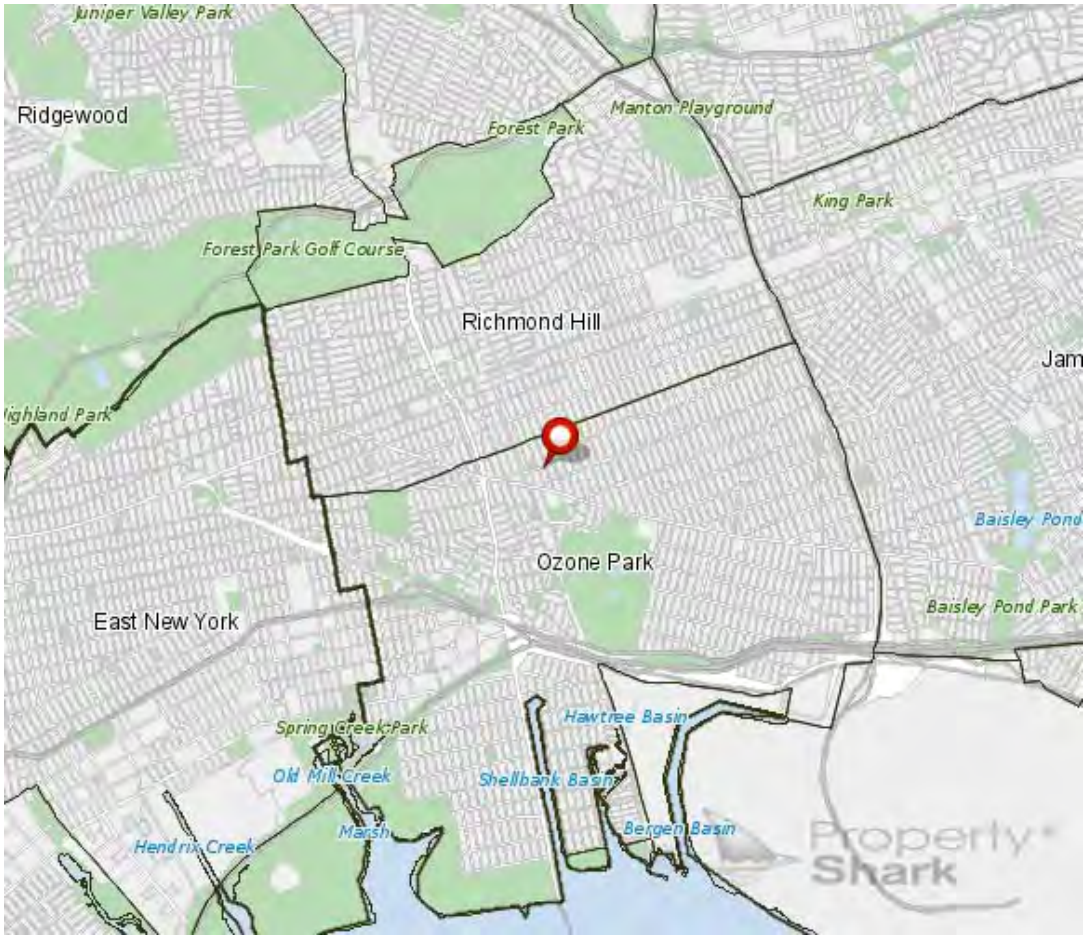
Current Owner

Full name	Liberty Avenue Development LLC

Address	474 Fulton Ave
City state zip	Hempstead Nassau NY 11550

4 Maps





6 Sale & Property History

No records found.

1 Ownership Summary

Recent Title Document	Liberty Avenue Development LLC 474 Fulton Ave Hempstead NY 11550 Research this person	Notice Address	Liberty Avenue Development LLC 474 Fulton Ave Hempstead NY 11550-4101 06/30/2012 Research this person
Assessment Roll	Liberty Avenue Develo Liberty Avenue 06/12/2012 Research this person		

See more about this building's ownership.

The Department of State - Division of Corporations - allows you to search for LLC owners.

2 Ownership from Permits

Building permit phone numbers tend to be very reliable. Just be sure to check the title history to make sure that the person on the permit still owns the building!

No building permits found.

3 Phone Records - Tenants

Download in Excel format

No phone listings were found.

4 Registered Voters

Full Name	Apartment Number	Political Party	Registration Date	Last Year Voted	Phone Number

See more about this building's ownership.

The Department of State - Division of Corporations - allows you to search for LLC owners.

1 Liens

Liens are available only to customers subscribed to our lis pendens product.

For details see our plan & pricing

2 Title Documents

Date	Type	Amount	Party1	Party2	Link To Doc
9/4/2009 (DocDate) 11/9/2009 (Recorded)	Deed	n/a	G G G Liberty Associates 474 Fulton Avenue Hempstead NY 11550	Liberty Avenue Development LLC 474 Fulton Avenue Hempstead NY 11550	
9/15/2008 (DocDate) 8/21/2009 (Recorded)	Deed	n/a	Grobman, Frank 357 Pepperidge Road Hewlett NY 11557	G G G Liberty Associates 474 Fulton Avenue Hempstead NY 11550	
8/11/1977 (Recorded)	Deed	n/a	Lake Wales Florida Associates	Frank Grobunan	
8/11/1977 (Recorded)	Deed	n/a	Ireiss & Son	Luke Wales Flouder Associates	
2/7/1973 (Recorded)	Deed	n/a	Triple R Corp	I Reiss & Son	
1/30/1973 (Recorded)	Sundry Agreement	n/a	Anchor Savings Bank	n/a	
1/30/1973 (Recorded)	Deed	n/a	I Reiss & Son	Triple R Corp	

1 Valuation Model

Our database has 0 properties that meet the following criteria:

Sold within the last 6 months
In the 11417 zip code
Property classes similar to Licensed Parking Lot
Sale price over $25,000

Expecting more results? Occasionally the actual use and recorded building use are different. Maybe you should be looking at a different building class.

Browse more recently sold properties
in the neighborhood!

2 Sales & Values Maps

* Recent Sale Date: **n/a**

The map shows sales of neighboring properties. Find out how recent the property has been sold. For Condos and Coops the value is not reflective.

Legend

- second half of 2012
- first half of 2012
- second half of 2011
- first half of 2011
- second half of 2010
- first half of 2010
- 2008 - 2009
- < 2008

Sale Date	
Time Since Last Recorded Sale	n/a

* Price per SqFt: **$0**

On this color-coded map, view the price paid per square foot for the last sale of the property. For Condos and Coops the value is not reflective.

Legend

- Below $100
- $100 - $250
- $250 - $400
- $400 - $550
- $550 - $700
- $700 - $850
- $850 - $1000
- Above $1000
- Condos
- Coops

Sale Price	$0
Lot Square Foot	9,721 SqFt
Price per SqFt	$0

1 Exemptions and Tax Abatements

Both the City and State of New York offer property tax reductions through exemptions and abatements for residential property, commercial constructions, and properties used by governmental, industrial, and not-for-profit organizations. Exemptions provide tax relief by reducing a property's assessed value, and abatements reduce taxes by applying credits to the amount of tax due. The information in this section presents a

summary of the granted amounts and other related values of the benefit programs. This data comes from NYC Department of Housing Preservation and Development (HPD) and the Department of Finance, departments which administer the J-51 Program and the 421a Program.

2 Tentative Values

Every year in January, the NYC Department of Finance Commissioner publishs the tentative property assessment roll for the current fiscal year. All properties are valued by law according to their condition on the taxable status date of January 5th. Owners who believe that the Department of Finance has used incorrect information to determine their market value may file forms providing corrections. After Finance verifies the complaints, the agency will make any corrections before the final assessment roll is published on May 25. The final roll will also include changes, based on the decisions made by the New York City Tax Commission, an independent City agency, as well as new information Finance gathers about abatements, exemptions and other adjustments. In June, Finance will use the final roll and new tax rates adopted by the City Council to generate property tax bills for the fiscal year beginning July 1st.

Tentative Transitional Values		Tentative Actual Values	
Tentative transitional land	$130,500	Tentative actual land	$130,500
Tentative transitional total	$130,500	Tentative actual total	$130,500
Tentative exempt land	$0	Tentative actual exempt land	$0
Tentative exempt total	$0	Tentative actual exempt total	$0

3 Property Tax

The following values are from the latest assessment roll and give information about the fiscal years **2011/2012** and **2012/2013**. The City's fiscal year runs from July 1 to June 30.

Market Value

The property tax assessment process starts when the city's assessors estimate a property's market value, based upon the available information. The assessors use three approaches to value the property: sales, cost, and income. The *market value* is generally defined as what the property would sell for in a competitive and open market.

		2011/2012		2012/2013
Land market value		$290,000		$290,000
Building market value	+	$0	+	$0
Market value	=	$290,000	=	$290,000

Assessed Value

Assessed value is a calculation of the property value for tax purposes.It usually represents a percentage of the market value and is subject to limits on annual increases. Sometimes the city will exempt part of the assessed value from taxation, as an incentive to make improvements to an existing structure or to build on a vacant lot. There are also several tax reductions programs for residential properties that may apply and may lower the property's tax bill.

		2011/2012		2012/2013
Land assessed value		$130,500		$130,500
Building assessed value	+	$0	+	$0
Assessed value	=	$130,500	=	$130,500
Exemptions granted by city	-	$0	-	$0
Net assessed value	=	$130,500	=	$130,500

Taxable Value

This is the 2011/2012 taxable value used for the calculation of the property tax.

Taxable value	=	$130,500

Property Tax

Base tax is an estimate of what an owner **not** benefiting from tax exemptions would pay and is determined by multiplying the assessed value by the tax rate.*Current tax* is calculated by multiplying the taxable value by the tax rate.

For a very small number of properties owner-related exemptions (for which we currently don't have information) apply, and so the values given

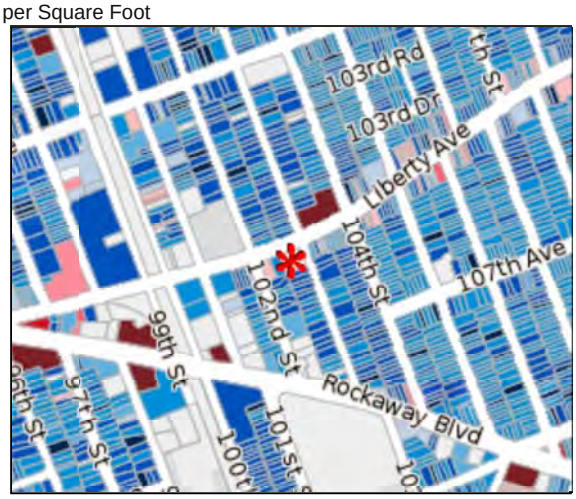
below may be slightly different from the official ones. In addition to exemptions, the city also grants *tax abatements* to some properties. An *abatement* is simply a discount which is subtracted directly from the current tax. This results in the *property tax*, the amount the current owner pays.

Tax description	Assessed/taxable value 11/12		Tax rate 11/12		Tax amount 11/12
Base tax	$130,500	*	10.1520%	=	$13,248.00
Current tax	$130,500	*	10.1520%	=	$13,248.00
Total abatements				-	$0.00
Property tax				=	$13,248.36

Tax description	Assessed/taxable value 12/13		Tax rate 11/12		Tax amount 12/13
Base tax	$130,500	*	10.1520%	=	$13,248.36
Current tax	$130,500	*	10.1520%	=	$13,248.36
Total abatements				-	$0.00
Property tax				=	$13,248.36

For more information please visit New York City's property tax section. Also, you can view this property's assessment, tax bill and account statements here.

Tax per Square Foot



Click on the map to expand!

On this map, you can see the tax value paid per square foot for this property.

- Above 10.00
- 9.00 - 10.00
- 8.00 - 9.00
- 7.00 - 8.00
- 6.00 - 7.00
- 5.00 - 6.00
- 4.00 - 5.00
- 3.00 - 4.00
- 2.00 - 3.00
- 1.00 - 2.00
- Below 1.00

4 Assessment History

Year	Use code	Market value	Land asmt	Assessment	Taxable	Tax rate%	Base tax	Property tax
2012/13	G6	$290,000	$130,500	$130,500	$130,500	10.152%	$13,248	$13,248
2011/12	G6	$290,000	$130,500	$130,500	$130,500	10.152%	$13,248	$13,248
2010/11	G6	$290,000	$130,500	$130,500	$126,900	10.312%	$13,085	$13,085
2009/10	G6	$290,000	$130,500	$130,500	$123,300	10.426%	$12,855	$12,855
2008/09	G6	$290,000	$130,500	$130,500	$116,730	10.241%	$11,954	$11,954
2007/08	G6	$290,000	$130,500	$130,500	$108,180	10.059%	$10,881	$10,881

1 Zoning and Building Class

The *building class* specifies how a property is used or what type of building is present on that property. Building classes range from A to Z

* Land Use: **Licensed Parking Lot (G6)**

As you can see in our legend, we show many building classes on our maps! Still, we are not showing the entire list. If you have questions or would like to know more about the different types of building classes, Click Here!

(excluding X.) There are at most 10 different sub-classes within each building class (ranging from 0 to 10.) These building classes cover all property uses from residential and commercial to government buildings and parks.

Building class Licensed Parking Lot (G6)

Legend

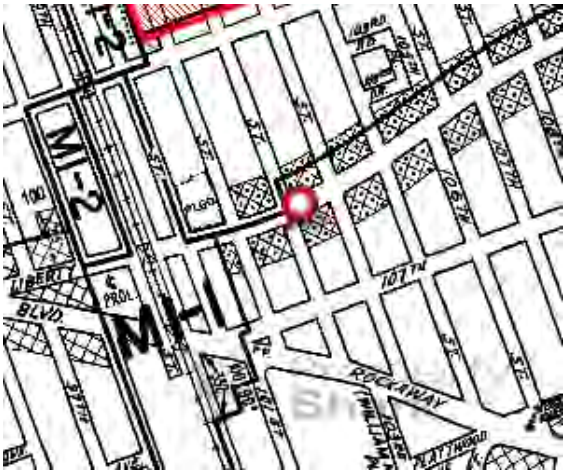
Residential:
- Residential, 1 Fam
- Residential, 2 Fam
- Walkups
- Condos
- Elevator

Commercial:
- Store + Apts, Lofts
- Small Businesses
- Theatres & Hotels
- Offices
- Industrial
- Transportation Facilities

Civic Use:
- Places of Public Assembly And Cultural (I)*
- Recreation Facilities & Cemeteries (O)*
- Churches
- Schools
- City Buildings
- Health & Social Care

Other:
- Vacant Lots
- Miscus
- Unknown

(I)* - Indoor
(O)* - Outdoor



This map is not an official zoning map. The print version of the NYC Zoning Resolution, which includes the zoning maps, together with any amendments adopted by the City Council subsequent to the most recent update to the print version, remains the official version of the Zoning Resolution.

This map was created from the NYC Department of City Planning's online zoning map files. It includes updates found in those files through 09/27/12.

For more information about zoning district regulations,Click Here!

Rezoning Projects

No Rezoning Projects found.

New York City is divided into three basic *zoning districts:* residential (R), commercial (C) and manufacturing (M).These basic zoning districts are subdivided by the intensity of use. Development is governed by the use, bulk, and parking requirements of the zoning district.

Zoning district C2-2/R4

Legend

R - Residential District

C - Commercial District

M -Manufacturing District

Area(s) Rezoned

Special Purpose District
The letter(s) within the shaded area designates the special purpose district as described in the text of the Zoning Resolution.

D - Restrictive Declaration

E - City Environmental Quality Review Declaration

e3 - Refers to blocks with lots aubject to CEQR designation E-175. See Z.R. appendices (CEQR declarations) for list of affected block and lots.

Rezoning Project Area (Proposal-Active)
Rezoning Project Area (Currently Inactive)
Rezoning Project Area (Recently Adopted)
Rezoning Project Area (Earlier Adopted)*

* The Earlier Rezonings are no longer being updated.
They are presented for reference purposes.

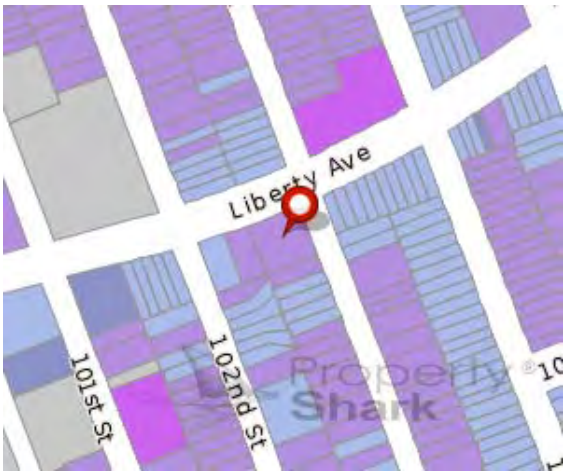
2 Floor Area Ratio & Air Rights

There are many rules that limit what you can build on a lot and how large it can be. But the most important is the Floor Area Ratio, or FAR. The FAR is expressed as a ratio of the size of the building in square feet to the size of the lot in square feet. For example, if a lot is 2,000 square feet and has an allowable FAR of 4.0, then then you can't build a building larger than 8,000 square feet.

Area of lot in square feet		9,721
FAR	x	.9
Maximum usable floor area of building	=	8,748

Available Air Rights by Parcel

The building on this lot is smaller than the maximum set by the FAR. Thus it may be possible to add to the building (either more floors or an extension) or it may be possible to sell the "air rights" to a developer who owns a nearby lot. (Note: other factors may limit what you can do.)



*Unused buildable square feet: 8,748

Maximum usable floor area		8,748
Usable floor area	-	0
Unused buildable square feet ("air rights")	=	8,748

Opportunity by Parcel:
Above 250,000 SF
100,000 - 250,000 SF
60,000 - 100,000 SF

Very Little Opportunity:
30,000 - 60,000 SF
10,000 - 30,000 SF
Below 10,000 SF

No Opportunity:
None Available (0)
Over Developed (-1)
Excluded Regions (n/a)

3 Building Permits

No records found.

1 Housing Preservation and Development Violations

When excessive violations are present, this can adversely affect the support given by The NYC Department of Housing Preservation and Development (HPD). These violations can result in building-wide inspections, fees, and the requirement of extensive repair work to correct underlying conditions. In some cases, outstanding violations may result in a lien being placed on the property. It is also substantially more difficult to mortgage a building with extensive violations.

Sorry, for this property we don't have any information about open violations.

HPD Violations

On this color-coded map, view all properties with open violations that have been left uncorrected.

Legend

Uncorrected Violation(s)
25 Total number of violations

Open **A** class violations: **0**
Open **B** class violations: **0**
Open **C** class violations: **0**
Open **I** class violations: **0**

Number of units: **0**

Description of the Classes

Sorry, no records were found!

Please note: the NYC HPD is the only authoritative source for information on housing violations. Please consult the HPD web site for up-to-date violations.

PropertyShark obtains its records from HPD and updates them monthly.

2 ECB Violations

There are eleven city agencies that administer the City's quality-of-life laws and issue Notices of Violation (NOVs) for alleged violations. The ECB is a separate and independent agency that hears challenges to those NOVs. The agencies that issue the most violations for real estate are:

Department of Buildings (DOB)
Department of Environmental Protection (DEP)
Fire Department
Landmarks Preservation Commission (LPC)
Department of Sanitation
PropertyShark obtains its ECB NOV records from the DOB and updates them nightly. Records go back to 1988

Date	Description
2/1/2003	Failure to maintain. dedfecta; razor wire on fence facing public sidew; alk on liberty ave 103 street chain link fence out of plumb loose. rem; edy: repair defects, remove razor wire.;
10/31/2002	Failure to maintain defect is:barb & razor wires are on the fence faci; ng on the public sidewalks on liberty ave & 103 st.some vertical pipes; of fence are out of plumis,some harizontal pipes & chain-link discon;
9/20/1990	Occupancy contrary to that allowed. by the certificate of occupancy c; of o #q145888 from accessory parking of motor vechicles to illegal aut; omobile sales establishment. remedy:obtain a valid cofo or discontie;

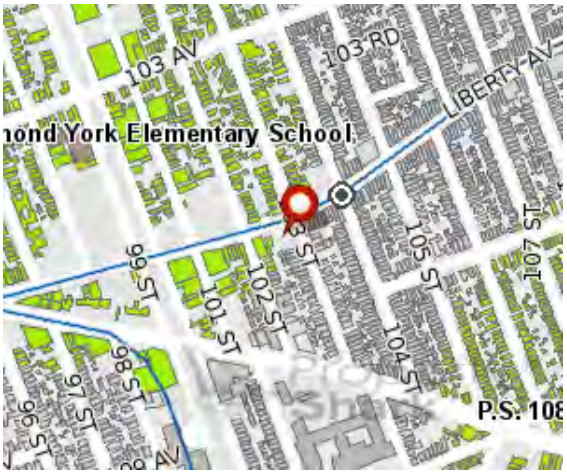
For more information about the ECB and the types of NOVs that it handles, visit its home page or this page with a list of rules, laws and agencies.

1 Distance To

Distance to Elementary Schools

On this map, view the distance between the closest Elementary School and this property.

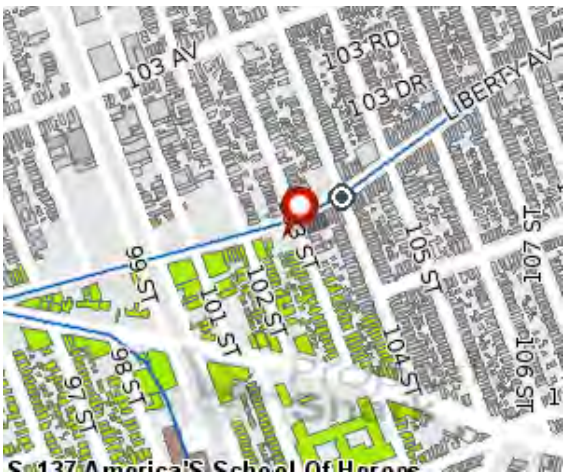
Legend



Elementary School
Inside 1000 ft *
* distances are calculated as radius from Elementary School

Distance (feet): n/a

Building is not inside a 1000ft radius from the nearest Elementary School.



Distance to Junior High

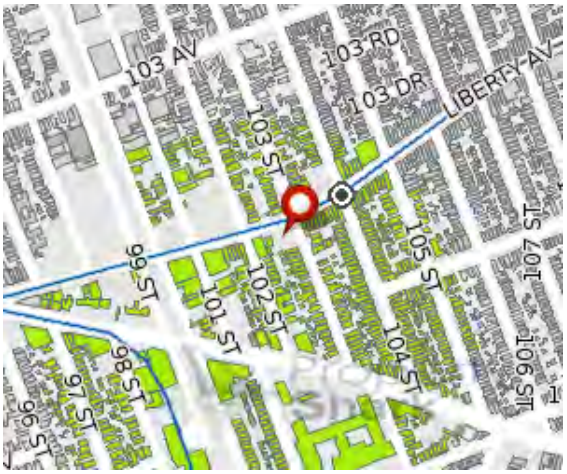
On this map, view the distance between the closest Junior High School and this property.

Legend

Junior High School
Inside 1000 ft *
* distances are calculated as radius from Junior High School

Distance (feet): n/a

Building is not inside a 1000ft radius from the nearest Junior High School.



Distance to High School

On this map, view the distance between the closest High School and this property.

Legend

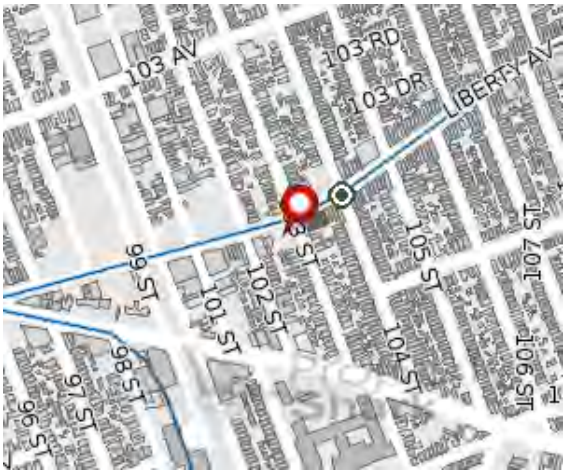
High School
Inside 1000 ft *
* distances are calculated as radius from High School

Distance (feet): n/a

Building is not inside a 1000ft radius from the nearest High School.

Distance to University

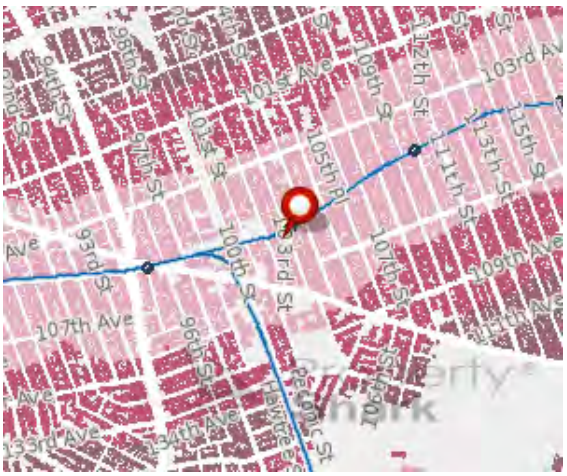
On this map, view the distance between the closest University and this property.



Legend

University / College
Inside 1000 ft *
* distances are calculated as radius from University/College

Name:	n/a
Distance (feet):	n/a



Subway accessibility (nearest subway station)

On this color-coded map, view the nearest subway station for each building.

Legend

Subway Station
Inside 1000 ft *
Inside 2000 ft *
Inside 3000 ft *
* distances are calculated as radius from station

Name:	104-02 102 Street
Distance:	219.78
Lines:	A-S

2 Urban Landscape Maps

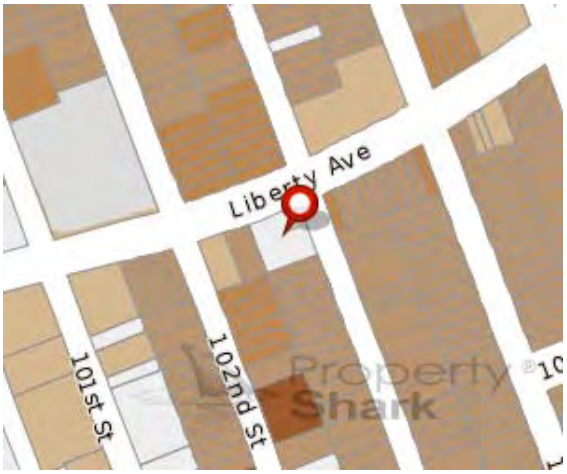
* Sorry, for this property we don't have any information about the construction year.

Year Built

On this color-coded map, view the year each property was built.

Legend

2010 and later
2000 - 2009
1990 - 1999
1970 - 1989
1950 - 1969
1900 - 1949
1900 and earlier



* Sorry, for this property we don't have any information about the number of stories.

Building Stories

On this map, view the number of stories per building.

Legend

- 10 & Up Stories
- 7 to 9 Stories
- 5 & 6 Stories
- 4 Stories
- 3 Stories
- 2 Stories
- 1 Story

3 Neighbors

No records found.

4 Demographics By Tract

Tract profile

Tract number	112
Total population	284

Race & Ethnicity

White	49%
Hispanic and Latino	65%
Others	47%

Education

High school graduates	38%
College graduates	4%

Other

Average age	30
Citizens	91%
English speakers	11%

Housing

Owners	27%
Average occupants per room	1
Average year structure built	1967
Average year moved in	1990
Average units in structure	1

Wealth

Median house value	$0
Median rent	$633
Owners spending <50% of income on housing	61%
Population in poverty	21%

Economic/Employment

Median household income	$41,964
Household income-Employed or retired	53%

Transportation

Commuting by own vehicle	53%
Average travel time to work (min)	30

1 Toxic Sites

Toxic Sites

Toxic site data reported for this property: **No**

Toxic site data reported next to this property: **NO**

Understanding This Map

This screening map, provided to PropertyShark by Toxics Targeting, shows environmental hazards such as toxic dumps, garbage landfills, leaking tanks, hazardous waste sites, and pollution discharges reported by local, state and federal government authorities.

For information about the hazards that can appear on the map, see our Pollutants Groups Description FAQ. For information about Toxics Targeting, see our About Toxics Targeting FAQ.

More Details & Help

Call **800-2-TOXICS** *(800-286-9427 NYS only)* or **607-273-3391** for more info.

Map Disclaimer: Mapped locations are approximate; identified sites based on current and/or historic information; site symbols can refer to large properties; additional toxic sites are not mapped; contamination problems can impact properties far from toxic sources; sites include known and potential hazards; regulatory status of sites may have changed.

Leaking Tanks & Spills:

- MTBE Spill
- Gasoline Spill
- Tank Failure
- Spill greater than 25 gal/lbs
- Tank Test Failure

Superfund, Brownfields and Solid Waste:

- US Superfund Priority Site
- Brownfield Site
- NY Superfund Site
- Hazardous Substance Study
- US Superfund/CERCLIS Site
- Solid Waste Facility

Other Toxic Sites:

- NY Superfund Qualifying Site
- Haz Waste Treat/Store/Dispose
- Hazardous Waste Violation
- Major Oil Storage Facility
- Toxic Release Inventory Site
- Air Discharge Facility
- Hazardous Waste Corrective Act
- Legal Civil/Admin Docket
- Selected NYC Environmental Quality Review "E" Designation

2 Fema Flood Zones Map

To understand flood zoning within the current neighborhood you can review the full map by clicking on this 'minimap'. Flood zoning codes, Fema map panel, and publication date all can be extracted for this target property.

Legend

Find out more about: FEMA Flood Hazard Map

Moderate to Low Risk Areas
X < 1% ACF
0.2 PCT ACFH * < 1% ACF

High Risk Areas
A 1% ACF, no base flood elevations
AE 1% ACF, periodic base flood elevations

High Risk-Coastal Areas
VE =/> 1% ACF + Storm Waves

Floodway
COBRA **
Open Water

* 0.2% Annual Chance of Flood Hazard
** Coastal Barrier Resources System Area
ACF = Annual Chance of Flooding

Note: This map was constructed using Fema Flood DFIRM data set.

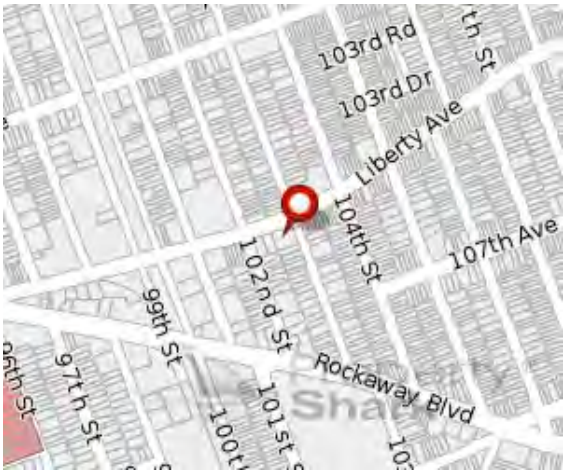
Link to the map for this property at **FEMA's Map Service Center** (may not be available in all locations)

FEMA Flood Zoning	
FEMA flood zone	X - Low Risk Area
FEMA flood zones	X
Costal barrier resources system area (COBRA)	No
FEMA floodway	n/a

Distance to...	
Nearest distance to coastline (ft)	6853
Compass direction to coastline	269
Nearest distance to 100 year flood zone area (ft)	152
Compass direction to 100 year flood zone	9

FEMA Map Details	
Map panel ID	3604970237F
Map quaderant ID	40073-F7
Quaderant name	Jamaica
Mapped to scale 1	6000
Map (source data) publication date	09/05/2007

3 Hurricane Evacuation Zones



The map shows recent hurricane evacuation zones and evacuation reception centers.

Legend

Evacuation Center

Evacuation Zones:
Zone A - Any Hurricane
Zone B - Moderate Hurricane
Zone C - Major Hurricane

Zone:

Disclaimer

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All data comes from government sources. No attempt has been made to validate it. No attempt has been made to validate the accuracy of the programming of this web site. Do not rely on this report to support investment decisions. The only authoritative source for the information in this report is the government agencies from which the data was acquired.

Appendix C
Fire Insurance Maps

Liberty Ave, Queens, NY Block 9523 Lot 5
102-16 Liberty Avenue
Ozone Park, NY 11417

Inquiry Number: 3494880.2
January 15, 2013

Certified Sanborn® Map Report

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

1/15/13

Site Name:
Liberty Ave, Queens, NY Block
102-16 Liberty Avenue
Ozone Park, NY 11417

Client Name:
Hydro Tech Env. Corp.
77 Arkay Drive
Hauppauge, NY 11788-0000

EDR Inquiry # 3494880.2

Contact: Shana Cross

EDR® Environmental Data Resources Inc

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Hydro Tech Env. Corp. were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name: Liberty Ave, Queens, NY Block 9523 Lot 5
Address: 102-16 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417
Cross Street:
P.O. # 5134
Project: 130002
Certification # 4BA0-4F81-8937

Maps Provided:

2006	1999	1990	1980	1911
2005	1996	1988	1970	1901
2004	1995	1987	1969	
2003	1993	1986	1966	
2002	1992	1985	1950	
2001	1991	1983	1927	

Sanborn® Library search results
Certification # 4BA0-4F81-8937

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ✔ Library of Congress
- ✔ University Publications of America
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Sanborn Sheet Thumbnails

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

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2005 Source Sheets

Volume 4, Sheet 65

2004 Source Sheets

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2003 Source Sheets

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2002 Source Sheets

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1983 Source Sheets

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1980 Source Sheets

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1970 Source Sheets

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1969 Source Sheets

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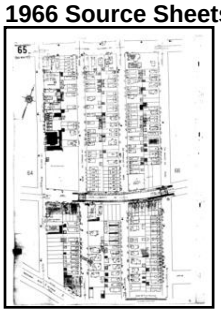
1966 Source Sheets



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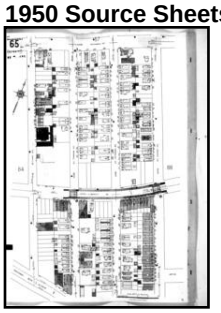
1950 Source Sheets



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1927 Source Sheets

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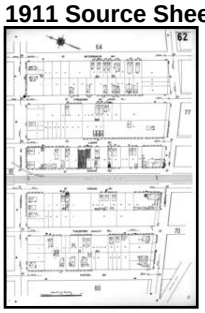
1911 Source Sheets



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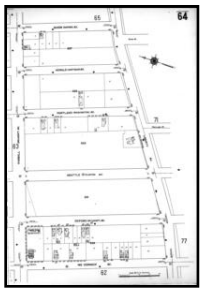

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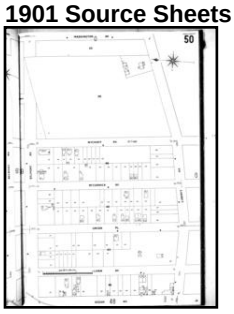
1901 Source Sheets



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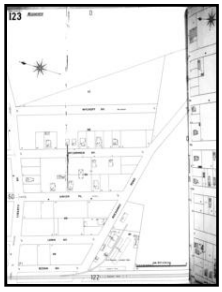

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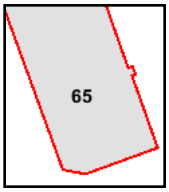

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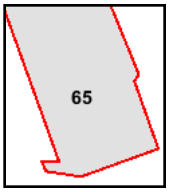

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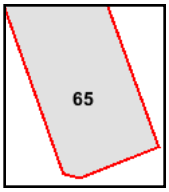

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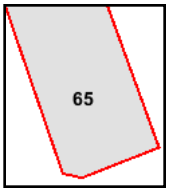

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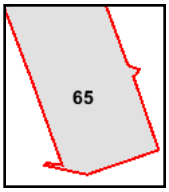

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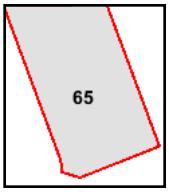

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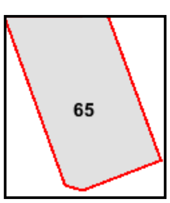

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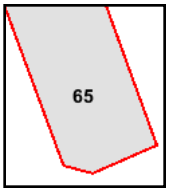

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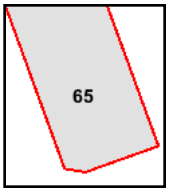

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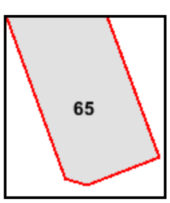

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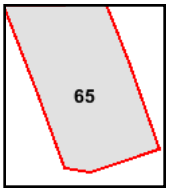

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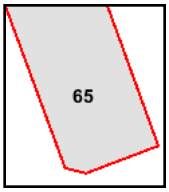

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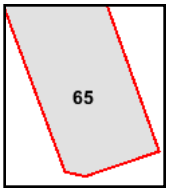

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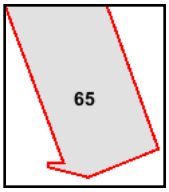

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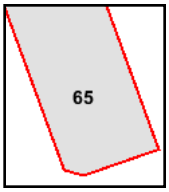

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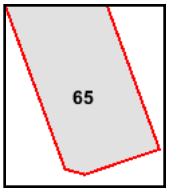

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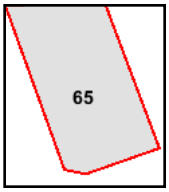

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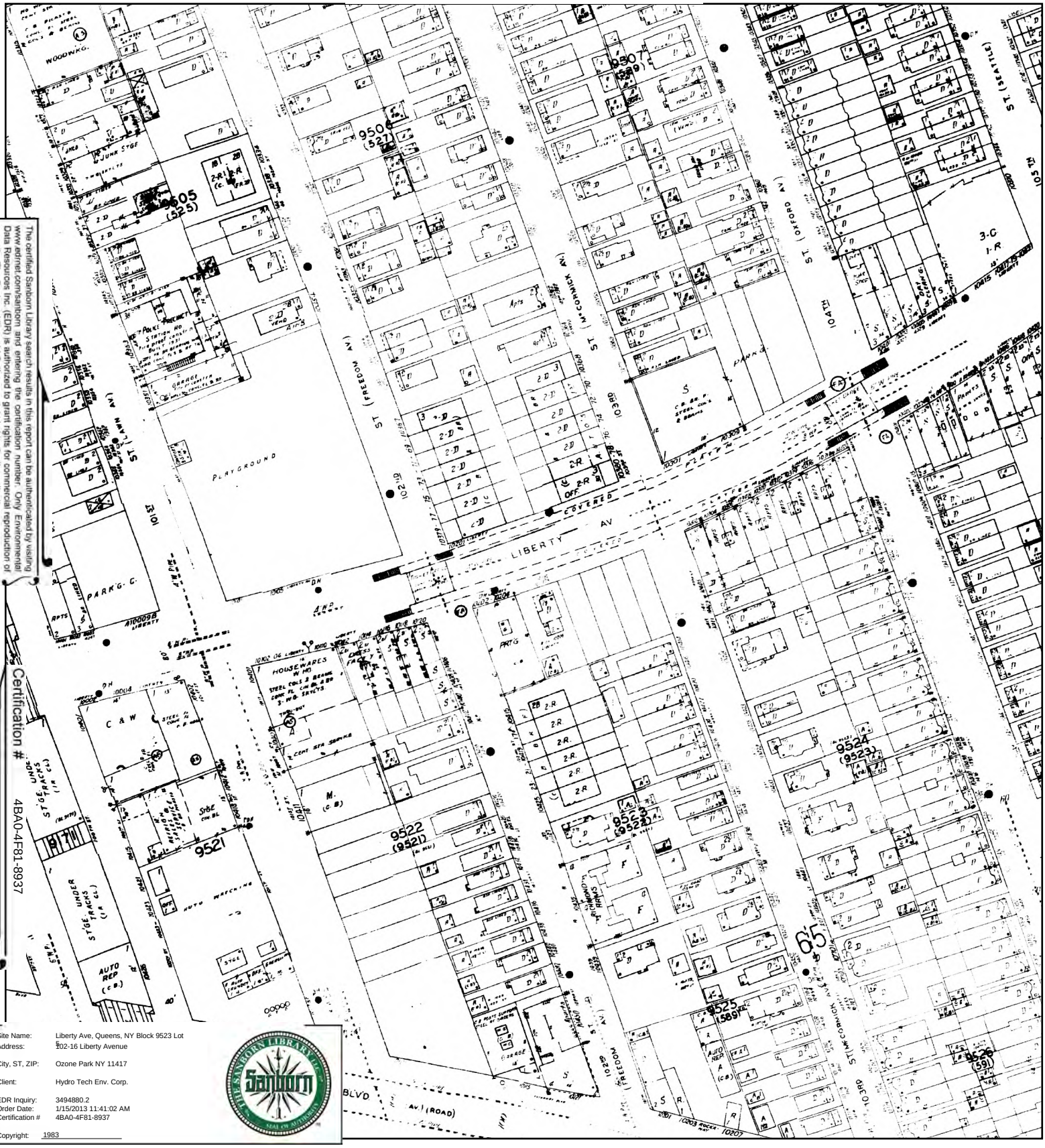
1983 Certified Sanborn Map



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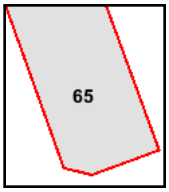
Certification # 4BA0-4F81-8937

Site Name:	Liberty Ave, Queens, NY Block 9523 Lot 9
Address:	102-16 Liberty Avenue
City, ST, ZIP:	Ozone Park NY 11417
Client:	Hydro Tech Env. Corp.
EDR Inquiry:	3494880.2
Order Date:	1/15/2013 11:41:02 AM
Certification #	4BA0-4F81-8937
Copyright:	1983

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



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1980 Certified Sanborn Map

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Certification # 4BA0-4F81-8937

Site Name:	Liberty Ave, Queens, NY Block 9523 Lot 9
Address:	102-16 Liberty Avenue
City, ST, ZIP:	Ozone Park NY 11417
Client:	Hydro Tech Env. Corp.
EDR Inquiry:	3494880.2
Order Date:	1/15/2013 11:41:02 AM
Certification #	4BA0-4F81-8937
Copyright:	1980

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Outlined areas indicate map sheets within the collection.

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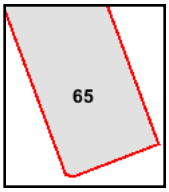

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1970 Certified Sanborn Map

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Certification # 4BA0-4F81-8937

Site Name:	Liberty Ave, Queens, NY Block 9523 Lot
Address:	102-16 Liberty Avenue
City, ST, ZIP:	Ozone Park NY 11417
Client:	Hydro Tech Env. Corp.
EDR Inquiry:	3494880.2
Order Date:	1/15/2013 11:41:02 AM
Certification #	4BA0-4F81-8937
Copyright:	1970

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Outlined areas indicate map sheets within the collection.

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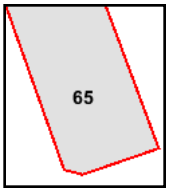

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1969 Certified Sanborn Map

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Certification # 4BA0-4F81-8937

Site Name:	Liberty Ave, Queens, NY Block 9523 Lot
Address:	102-16 Liberty Avenue
City, ST, ZIP:	Ozone Park NY 11417
Client:	Hydro Tech Env. Corp.
EDR Inquiry:	3494880.2
Order Date:	1/15/2013 11:41:02 AM
Certification #	4BA0-4F81-8937
Copyright:	1969

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

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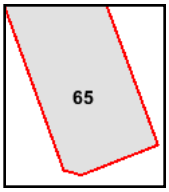

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1966 Certified Sanborn Map

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Certification # 4BA0-4F81-8937

Site Name:	Liberty Ave, Queens, NY Block 9523 Lot
Address:	102-16 Liberty Avenue
City, ST, ZIP:	Ozone Park NY 11417
Client:	Hydro Tech Env. Corp.
EDR Inquiry:	3494880.2
Order Date:	1/15/2013 11:41:02 AM
Certification #	4BA0-4F81-8937
Copyright:	1966

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

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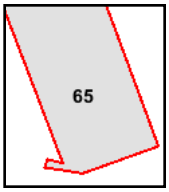

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1950 Certified Sanborn Map

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Certification # 4BA0-4F81-8937

Site Name:	Liberty Ave, Queens, NY Block 9523 Lot
Address:	102-16 Liberty Avenue
City, ST, ZIP:	Ozone Park NY 11417
Client:	Hydro Tech Env. Corp.
EDR Inquiry:	3494880.2
Order Date:	1/15/2013 11:41:02 AM
Certification #	4BA0-4F81-8937
Copyright:	1950

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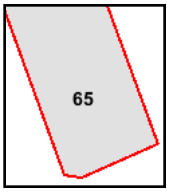

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1927 Certified Sanborn Map

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Certification # 4BA0-4F81-8937

Site Name:	Liberty Ave, Queens, NY Block 9523 Lot
Address:	102-16 Liberty Avenue
City, ST, ZIP:	Ozone Park NY 11417
Client:	Hydro Tech Env. Corp.
EDR Inquiry:	3494880.2
Order Date:	1/15/2013 11:41:02 AM
Certification #	4BA0-4F81-8937
Copyright:	1927

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

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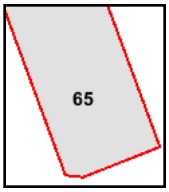

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1911 Certified Sanborn Map

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Certification # 4BA0-4F81-8937

Site Name:	Liberty Ave, Queens, NY Block 9523 Lot
Address:	102-16 Liberty Avenue
City, ST, ZIP:	Ozone Park NY 11417
Client:	Hydro Tech Env. Corp.
EDR Inquiry:	3494880.2
Order Date:	1/15/2013 11:41:02 AM
Certification #	4BA0-4F81-8937
Copyright:	1911

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

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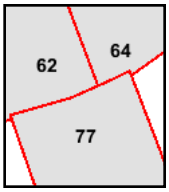

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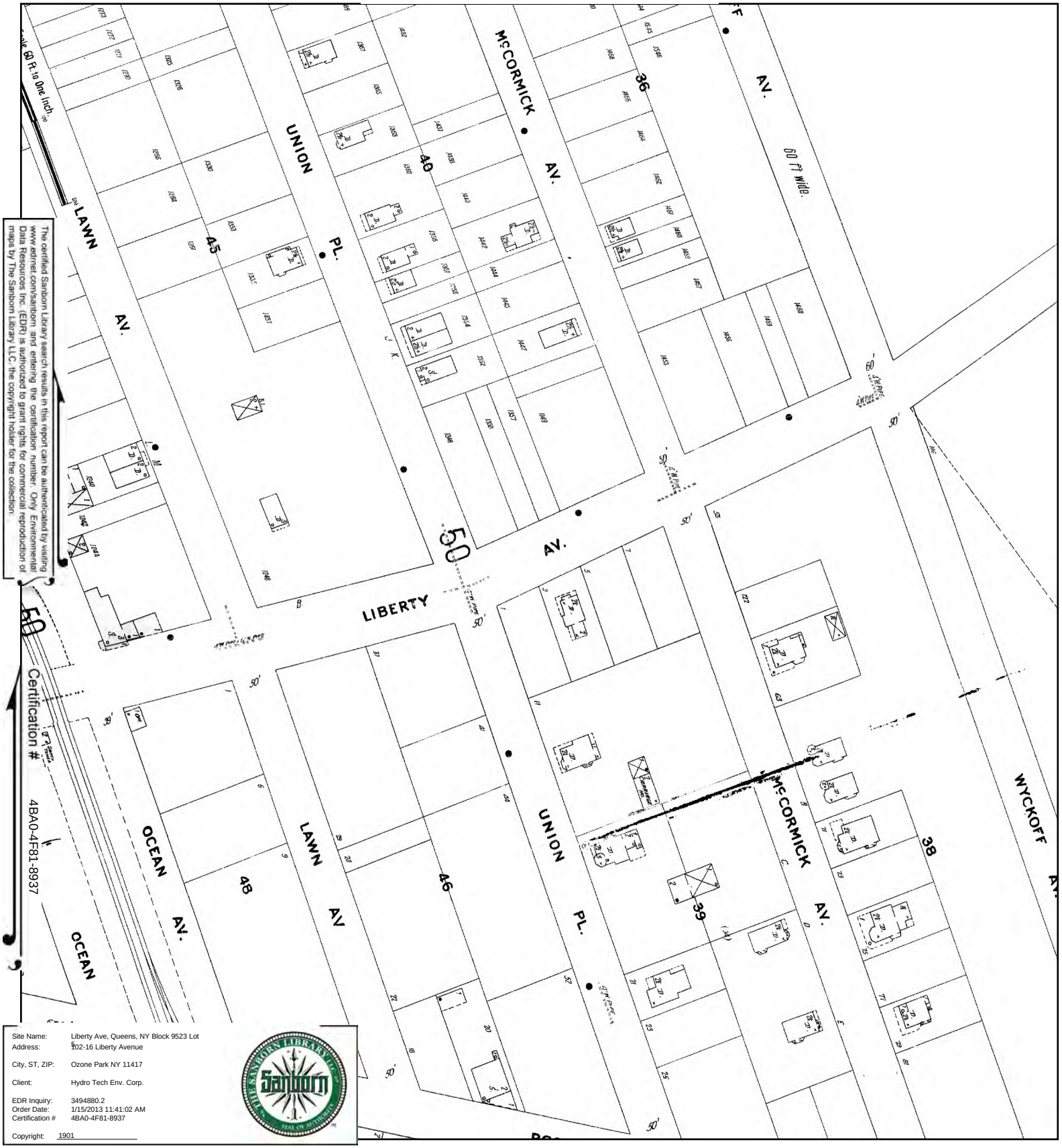
1901 Certified Sanborn Map



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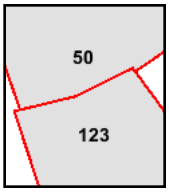
Address:	102-16 Liberty Avenue
City, ST, ZIP:	Ozone Park NY 11417
Client:	Hydro Tech Env. Corp.
EDR Inquiry:	3494880.2
Order Date:	1/15/2013 11:41:02 AM
Certification #	4BA0-4F81-8937
Copyright:	1901

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



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0 Feet 150 300 600

N

Appendix D
City Directory Search

Liberty Ave, Queens, NY Block 9523 Lot 5
102-16 Liberty Avenue
Ozone Park, NY 11417

Inquiry Number: 3494880.3
January 14, 2013

The EDR-City Directory Abstract

Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

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SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1922 through 2012. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 100 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2012	Cole Information Services	-	X	X	-
2007	Cole Information Services	-	X	X	-
2005	Hill-Donnelly Information Services	-	X	X	-
2000	Cole Information Services	-	X	X	-
1996	NYNEX	-	X	X	-
1991	NYNEX Information Resource Company	X	X	X	-
1983	New York Telephone	-	X	X	-
1976	New York Telephone	-	X	X	-
1970	New York Telephone	-	X	X	-
1967	New York Telephone	-	X	X	-
1962	New York Telephone Directory	-	X	X	-
1950	New York Telephone	-	X	X	-
1945	New York Telephone	-	X	X	-
1939	New York Telephone Company	-	X	X	-
1934	R. L. Polk & Co.	-	X	X	-
1922	The Metropolitan Directory Co.	-	-	-	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

102-16 Liberty Avenue
Ozone Park, NY 11417

FINDINGS DETAIL

Target Property research detail.

LIBERTY AVE

10216 LIBERTY AVE

Year	*Uses*	*Source*
1991	Anthonys Auto Sales	NYNEX Information Resource Company

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

102ND ST

104-01 102ND ST

Year	Uses	Source
1950	BAVARO RALPH	New York Telephone
	LAFORGIA JOS	New York Telephone

104-02 102ND ST

Year	Uses	Source
1950	R&R BEAUTY SHOPPE	New York Telephone
	EPSTEIN J	New York Telephone

104-03 102ND ST

Year	Uses	Source
1950	MIGLIORE HENRY	New York Telephone
	U S GOVT POST OFFICE DEPT	New York Telephone

104-04 102ND ST

Year	Uses	Source
1950	CINICOLA EUGENE	New York Telephone
	KEELER MADELINE	New York Telephone
	SCOURSI PAUL J	New York Telephone

104-06 102ND ST

Year	Uses	Source
1950	SIVO&SON COAL&FUEL OIL	New York Telephone

104-08 102ND ST

Year	Uses	Source
1950	DE BRITA ALEXNDR -	New York Telephone

104-09 102ND ST

Year	Uses	Source
1950	SEBASTIAN PAT	New York Telephone

FINDINGS

104-10 102ND ST

Year	Uses	Source
1950	MARTINELLI ANGELO	New York Telephone

104-12 102ND ST

Year	Uses	Source
1950	DE VITO MICHL	New York Telephone
	BARBARITO JOS	New York Telephone

104-14 102ND ST

Year	Uses	Source
1950	SZYMCZAK BARBARA	New York Telephone

104-16 102ND ST

Year	Uses	Source
1950	FREILICH DAVID T	New York Telephone
	FREILICH JOS	New York Telephone
	SCHWARTZ ALBERT E MRS	New York Telephone
	BEAULIEU LOUIS	New York Telephone

104-18 102ND ST

Year	Uses	Source
1950	BAUCHLE WM K	New York Telephone

104-19 102ND ST

Year	Uses	Source
1950	G	New York Telephone

104-20 102ND ST

Year	Uses	Source
1950	SARGENT RENA E	New York Telephone

104-22 102ND ST

Year	Uses	Source
1950	BELETSKY SAML	New York Telephone

104-24 102ND ST

Year	Uses	Source
1950	MONNEY FRANCIS T	New York Telephone
	BOOS WM	New York Telephone

FINDINGS

104-27 102ND ST

Year	Uses	Source
1950	NAPOLITANO JAS	New York Telephone

104-28 102ND ST

Year	Uses	Source
1950	RICHARD JERRY	New York Telephone

104-32 102ND ST

Year	Uses	Source
1950	MUGNANO SALVATORE	New York Telephone

104-34 102ND ST

Year	Uses	Source
1950	DI PAOLA ERASMUS	New York Telephone

104-35 102ND ST

Year	Uses	Source
1950	MOGILEFSKY EDW REV	New York Telephone
	LIVINGSTON JAS G	New York Telephone
	LAZAROFF M	New York Telephone
	LANG F JOS	New York Telephone
	KEATS RICHD J	New York Telephone
	KANNEL EVELYN MRS	New York Telephone
	J	New York Telephone
	HANKIN REUBEN	New York Telephone
	GOLDBERG I	New York Telephone
	GIMBERG FRED	New York Telephone
	GIAMBRONE SAML	New York Telephone
	DOMANIEWICZ ABRAM	New York Telephone
	COHEN JOS	New York Telephone
	BRAUN LEICESTER	New York Telephone
	BARRY CHAS L	New York Telephone
	WEITZMAN IDA	New York Telephone
	TRETOLA D J	New York Telephone
	SHAFER MORRIS J	New York Telephone
	SCHNEIDER ABRAHAM	New York Telephone
	SAUNDERS FREDK	New York Telephone
	PINKNEY EVERETT E	New York Telephone
	ROSS JOHN J	New York Telephone

FINDINGS

104-36 102ND ST

Year	Uses	Source
1950	HEANEY ANNA M MRS	New York Telephone
	REINHOLD F	New York Telephone

104-39 102ND ST

Year	Uses	Source
1950	M	New York Telephone

10402 102ND ST

Year	Uses	Source
1967	Lottie & Helen Beauty Shop	New York Telephone
1962	Chickies Hair Stylists	New York Telephone Directory

10404 102ND ST

Year	Uses	Source
1983	Di Bello V	New York Telephone
	Crockett Susan	New York Telephone
1976	Dalcamo Calogero	New York Telephone
1970	Stevenson Evelyn Mae	New York Telephone
1967	Stevenson Evelyn Mae	New York Telephone
	Scoursi Paul J	New York Telephone
1962	Stevenson Evelyn Mae	New York Telephone Directory
	Scours Paul J	New York Telephone Directory

10406 102ND ST

Year	Uses	Source
1967	Arthur Martin Plumbing Co Inc	New York Telephone
1934	Adams John Barber shop TN: Bartholomew Forte	R. L. Polk & Co.
	Painter Harold W Helen: Richmond Hill Coal & Coke Co	R. L. Polk & Co.

10407 102ND ST

Year	Uses	Source
1976	Assn of Lithuanian Workrs	New York Telephone
1970	Assn of Lithuanian Workrs	New York Telephone
1967	Assn of Lithuanian Workrs	New York Telephone
1962	Assn of Lithuanian Workrs	New York Telephone Directory

FINDINGS

10408 102ND ST

Year	Uses	Source
1976	Fairway Construction Co	New York Telephone
1939	Cross Bay Press	New York Telephone Company
	Cross Bay Photo Supl Co	New York Telephone Company
1934	Cross Bay Press RTN: Geo W Wichesser printer	R. L. Polk & Co.

10409 102ND ST

Year	Uses	Source
2012	ALL TRIMS INDUSTRY	Cole Information Services
2000	All Trims Industry	Cole Information Services

10410 102ND ST

Year	Uses	Source
1970	Aarons Jack licensed electrcl contr	New York Telephone
	AA Elec Svce	New York Telephone
1967	Aarons Jack licensed electrcl contr	New York Telephone
	AA ELEC SVCE	New York Telephone
1962	Aarons Jack licensed electrcl contr	New York Telephone Directory
	AA ELEC SVCE	New York Telephone Directory

10411 102ND ST

Year	Uses	Source
2005	h Ramsoomye Rachael AV	Hill-Donnelly Information Services
	h Jankle Chnadrika	Hill-Donnelly Information Services
2000	Rachael Ramsoomye	Cole Information Services
	L Harris	Cole Information Services
1991	Singh Savitri M	NYNEX Information Resource Company
	Ramsoomye Rachael	NYNEX Information Resource Company
1983	Ramsoomye Rachael	New York Telephone

10412 102ND ST

Year	Uses	Source
2005	Ahmad Shiek VO	Hill-Donnelly Information Services
2000	Ninfa De Vito	Cole Information Services
	Ninfa De Vito	Cole Information Services
	Damien Wallace	Cole Information Services
1991	De Vito Michi	NYNEX Information Resource Company
	Fuschetto Anthony	NYNEX Information Resource Company
	Fuschetto L	NYNEX Information Resource Company

FINDINGS

Year	Uses	Source
1983	Scollo M	New York Telephone
	De Vito Michl	New York Telephone
1976	De Vito Michl	New York Telephone
	Fitzmaurice William P	New York Telephone
1970	De Vito Michl	New York Telephone
1967	DeVito Michl	New York Telephone
	Fitzmaurice Wm P	New York Telephone
1962	De Vito Michl	New York Telephone Directory
1945	De Vito Michl	New York Telephone
1934	Anderson Harold E Sophia meat ctr	R. L. Polk & Co.
	Anderson Muriel clk	R. L. Polk & Co.

10415 102ND ST

Year	Uses	Source
2005	No Current Listing	Hill-Donnelly Information Services
2000	Amy Kissane	Cole Information Services
	Adnana A Lopez	Cole Information Services
1983	Moloney Maureen T	New York Telephone
	Sanchez Victoria	New York Telephone
1976	Lim Eugene	New York Telephone

10416 102ND ST

Year	Uses	Source
2005	Mahabir Roodal & Flora	Hill-Donnelly Information Services
	Persaud IPVA	Hill-Donnelly Information Services
	Lambert G vo	Hill-Donnelly Information Services
	Deownarain Bhowanrnatty V	Hill-Donnelly Information Services
2000	Kestwantee Persaud	Cole Information Services
	Indra Persaud	Cole Information Services
	Damindra Persaud	Cole Information Services
	K Deonarain	Cole Information Services
	Charles Graves	Cole Information Services
	Pedro Agred	Cole Information Services
1991	Hodges S	NYNEX Information Resource Company
1983	Gebhardt John H	New York Telephone
	Ciani Peter	New York Telephone
1976	Gebhardt John H	New York Telephone
1970	Gebhardt John H	New York Telephone
1967	Gebhardt John H	New York Telephone

FINDINGS

Year	Uses	Source
1962	Gebhardt John H	New York Telephone Directory
	Beaulieu Louis	New York Telephone Directory
1945	Lane Lillian theatrl mgr	New York Telephone
	Deuter E	New York Telephone
1939	Deuter E	New York Telephone Company
1934	Gronsbell Herman Harriet ins agt	R. L. Polk & Co.
	Deuter Emma wid Jacob	R. L. Polk & Co.

10417 102ND ST

Year	Uses	Source
2005	All Zaitoon	Hill-Donnelly Information Services
	Sifuentes Carlos v	Hill-Donnelly Information Services
2000	Nezam Mohammed	Cole Information Services
	Emma Caceres	Cole Information Services
	Milton Caceres	Cole Information Services
	Ainsworth Geddes	Cole Information Services
1991	Perez Jose M	NYNEX Information Resource Company
	Lombardi Stephen	NYNEX Information Resource Company
	Caamano Eleuterio	NYNEX Information Resource Company
1983	Caamano Eleuterio	New York Telephone
	Reilly James	New York Telephone

10418 102ND ST

Year	Uses	Source
1991	Hanley Dennis	NYNEX Information Resource Company

10419 102ND ST

Year	Uses	Source
2005	H Perez Ricardo A AO 718 843 1135 e	Hill-Donnelly Information Services
	Paez Ramona	Hill-Donnelly Information Services
	h Agullar Matilde v	Hill-Donnelly Information Services
2000	Matilde Aguilar	Cole Information Services
	Ricardo A Perez	Cole Information Services
1991	Roberts M G	NYNEX Information Resource Company
	Perez Ricardo A	NYNEX Information Resource Company
1983	Dado Cathy	New York Telephone
	Perez Ricardo A	New York Telephone
1976	Ciani Peter	New York Telephone
1970	Garofano Antonio	New York Telephone

FINDINGS

Year	Uses	Source
1967	Garofano Antonio	New York Telephone
	Elvezio Gennaro	New York Telephone
1962	Garofano Antonio	New York Telephone Directory
1934	Garofano Thos student	R. L. Polk & Co.
	Garofano Anthony Angelina mason supplies	R. L. Polk & Co.
	Garofano Peter bkpr	R. L. Polk & Co.

10421 102ND ST

Year	Uses	Source
2005	Chan Ang	Hill-Donnelly Information Services
2000	Ang Chan	Cole Information Services
1996	FRIEDLANDER Stuart	NYNEX
1991	Friedlander Stuart	NYNEX Information Resource Company
	Chan Ang	NYNEX Information Resource Company
1983	Cirulnick Leon	New York Telephone
	Maneen Richard S	New York Telephone
	Leto Frank W	New York Telephone

10422 102ND ST

Year	Uses	Source
1934	Tepper Saml Lila slsmn	R. L. Polk & Co.
	Cartier Fredk J Madeline formn	R. L. Polk & Co.

10423 102ND ST

Year	Uses	Source
2007	MABCO CONSTRUCTION INC	Cole Information Services
2005	Alam Mohammad	Hill-Donnelly Information Services
	Salahuddin B M v	Hill-Donnelly Information Services
	Hasan Muhammad Sarwar v O	Hill-Donnelly Information Services
	Mabco Construction Inc	Hill-Donnelly Information Services
	h Rahman Mohammed	Hill-Donnelly Information Services
2000	Tanq Emran	Cole Information Services
	Shawnoon Mahmad	Cole Information Services
	Mohammed Rahman	Cole Information Services
	Salahuddin	Cole Information Services
	Apartments	Cole Information Services
1991	Hoermann Denise	NYNEX Information Resource Company

FINDINGS

10424 102ND ST

Year	Uses	Source
2005	H Bhoodal Roopnarine Y a	Hill-Donnelly Information Services
2000	Khemraj Dhanpaul	Cole Information Services
	Bhoodai	Cole Information Services
	Ramjatan Bhoodai	Cole Information Services
1991	OGara Michael	NYNEX Information Resource Company
	Alexander Robert	NYNEX Information Resource Company
1983	Auriemma Thos G	New York Telephone
1976	Auriemma Thos G	New York Telephone
1970	Auriemma Thos G	New York Telephone
1967	Auriemma Anthony H	New York Telephone
1962	Auriemma Thos G	New York Telephone Directory
1945	Mooney Francis T	New York Telephone
	Boos Wm	New York Telephone
1939	Boos Wm	New York Telephone Company
1934	Roden John H Anna M D stmftr hlpr	R. L. Polk & Co.
	Ramshore Sidney Florence slsmn	R. L. Polk & Co.
	Boos Wm Cath farmer	R. L. Polk & Co.

10426 102ND ST

Year	Uses	Source
2005	Salac Sheila o	Hill-Donnelly Information Services
	h Garcia Catherine v	Hill-Donnelly Information Services
2000	Notmita Salac	Cole Information Services
1991	Balatbat Lourdes	NYNEX Information Resource Company
1976	Galeno Michael A	New York Telephone
1967	Guzzo John	New York Telephone
1934	Smith Louis J Helen mach	R. L. Polk & Co.
	Allocco Saml pntr	R. L. Polk & Co.

10427 102ND ST

Year	Uses	Source
2005	Naralne Umar v	Hill-Donnelly Information Services
	h Ramcharran Parbatie T	Hill-Donnelly Information Services
	Santos Irma Judith v	Hill-Donnelly Information Services
2000	Sherry Amin	Cole Information Services
	Parbatie Timal	Cole Information Services
1991	Lucchese Jos	NYNEX Information Resource Company
	Napolitano Jas	NYNEX Information Resource Company

FINDINGS

Year	Uses	Source
1983	Napolitano Jas	New York Telephone
	Skabowski Robert	New York Telephone
1976	Braice Julia	New York Telephone
1970	Braice Julia	New York Telephone
	Napolitano Jas	New York Telephone
1967	Braice Julia	New York Telephone
	Napolitano Jas	New York Telephone
1962	Braice Julia	New York Telephone Directory
	Napolitano Jas	New York Telephone Directory
1945	Klein Chiristine	New York Telephone
1939	Due Julius	New York Telephone Company
1934	Merschoff Adam Maud cash	R. L. Polk & Co.

10428 102ND ST

Year	Uses	Source
2005	Persaud Takechand A	Hill-Donnelly Information Services
2000	Takechand Persaud	Cole Information Services
1945	Salchli Albert	New York Telephone
1939	Christian Wm S	New York Telephone Company
1934	Christian Andrew Edith carp	R. L. Polk & Co.

10432 102ND ST

Year	Uses	Source
2005	Ramgobin Chandragopaul V	Hill-Donnelly Information Services
	Persaud Savitri	Hill-Donnelly Information Services
	Persaud Niranjanie Vv	Hill-Donnelly Information Services
1962	Falzone Connie Mrs	New York Telephone Directory
1945	Mugnano Salvatore	New York Telephone
1939	Smith Harry O	New York Telephone Company
1934	Palmer Dorothy student	R. L. Polk & Co.
	Palmer Edwin L Cecelia ins agt	R. L. Polk & Co.
	Palmer Geo clk	R. L. Polk & Co.

10434 102ND ST

Year	Uses	Source
2005	H Zarzyckl F MAO	Hill-Donnelly Information Services
1970	Zarzycki Marie R	New York Telephone
1967	Zarzycki Marie R	New York Telephone
1962	Frey G	New York Telephone Directory

FINDINGS

Year	Uses	Source
1939	Barre Harry	New York Telephone Company
1934	Barre Henry H Ida slsmn	R. L. Polk & Co.

10435 102ND ST

Year	Uses	Source
2012	UDDIN MOHAMMED	Cole Information Services
2005	Multi Unit Address	Hill-Donnelly Information Services
	Numbr A 4 Ahmed Shaikh	Hill-Donnelly Information Services
	All Mohammed V 0718 323 6643 a	Hill-Donnelly Information Services
	Begum Nesha V	Hill-Donnelly Information Services
	Numbr A 4 Cintron Carmen	Hill-Donnelly Information Services
	Numbr CC 2 Dautaj Muhimet	Hill-Donnelly Information Services
	Gonzalez Salvador	Hill-Donnelly Information Services
	Hossain Mohammed	Hill-Donnelly Information Services
	Mckenzle Marva	Hill-Donnelly Information Services
	Rahman Mohammad v	Hill-Donnelly Information Services
	Numbr C 2 Rodriguez Marilyn	Hill-Donnelly Information Services
	Shirmin Syeda V	Hill-Donnelly Information Services
	Numbr A 4 h Sultana Nargis vo 718 323 5795 00oo	Hill-Donnelly Information Services
	Thackurdeen Ghans v	Hill-Donnelly Information Services
	Numbr B 1 Uddin Mohammed Vo	Hill-Donnelly Information Services
	Numbr D 2 Urriola Patricia 40718 848 5972 a	Hill-Donnelly Information Services
2000	Apartments Sookram Bhoodai	Cole Information Services
	Muhamet Daudaj	Cole Information Services
	Mohamned Farok	Cole Information Services
	BB 1 Donald L Graham	Cole Information Services
	Anwar Hossain	Cole Information Services
	Carlos Jar	Cole Information Services
	Shirajul I Khan	Cole Information Services
	AA 1 May A Mangru	Cole Information Services
	Renu H Mian	Cole Information Services
	Marilyn Rodr	Cole Information Services
	Quazi A Salam	Cole Information Services
1991	Werner Frank	NYNEX Information Resource Company
	Young J H	NYNEX Information Resource Company
	Young J M	NYNEX Information Resource Company
	Pollack Israel	NYNEX Information Resource Company
	Aponte Edna	NYNEX Information Resource Company

FINDINGS

Year	Uses	Source
1991	Cohen Marty	NYNEX Information Resource Company
	Davis F	NYNEX Information Resource Company
	Esguerra N	NYNEX Information Resource Company
	Feliz L	NYNEX Information Resource Company
	Flanagan Joseph J	NYNEX Information Resource Company
	Graham Donald L	NYNEX Information Resource Company
	Granger R	NYNEX Information Resource Company
	Lane Michael	NYNEX Information Resource Company
	Perry Steven	NYNEX Information Resource Company
	Prekopy Edw J	NYNEX Information Resource Company
	Striegel Walter	NYNEX Information Resource Company
	Strienfeld Murray	NYNEX Information Resource Company
1983	Pollack Israel	New York Telephone
	Dando K	New York Telephone
	Davis F	New York Telephone
	Dito Cindy A	New York Telephone
	Ferrante Rose	New York Telephone
	Ferriter Katherine	New York Telephone
	Flanagan Joseph J	New York Telephone
	Haas Martha K Mrs	New York Telephone
	Herman P	New York Telephone
	Hough Daniel	New York Telephone
	Pinkney Everett E	New York Telephone
	Prekopy Edw J	New York Telephone
	Roche Nicholas J	New York Telephone
	Rodriguez Felipe	New York Telephone
	Solanki Mahendra	New York Telephone
	Striegel Waiter	New York Telephone
	Werner Frank	New York Telephone
	Yengel Chas	New York Telephone
	Young J H	New York Telephone
	Young J M	New York Telephone
1976	Bono N J	New York Telephone
	Braun Leicester	New York Telephone
	Davis F	New York Telephone
	Flanagan Joseph J	New York Telephone
	Haas Martha K Mrs	New York Telephone
	Howard William	New York Telephone

FINDINGS

Year	Uses	Source
1976	Jahncke W	New York Telephone
	Kaczmarczyk S	New York Telephone
	Kuhl L	New York Telephone
	Magee Margaret	New York Telephone
1970	Bernstein Jack	New York Telephone
	Bono N J	New York Telephone
	Braun Leicester	New York Telephone
	DiGiacomo Richd	New York Telephone
	Flanagan Blanche	New York Telephone
	Gonzalez Juan	New York Telephone
	Haas Martha K Mrs	New York Telephone
	Kaczmarczyk S	New York Telephone
	Ku John	New York Telephone
	Liehr Eugene	New York Telephone
	Murray Bernard J	New York Telephone
	Newman Lily	New York Telephone
	Pinkney Everett E	New York Telephone
	Prekopy Edw J	New York Telephone
	Roche Nicholas J	New York Telephone
	Saar Chas	New York Telephone
	Sclafani Vincent J	New York Telephone
	Soldano Josephine	New York Telephone
	Tuozzo Jas	New York Telephone
	Wehle Jerome	New York Telephone
	Weitzman Ida	New York Telephone
	Werner Frank	New York Telephone
	Wilkinson Bertna Mrs	New York Telephone
	Wolff Rae Mrs	New York Telephone
	Pollack Eva	New York Telephone
1967	Bernstein Jack	New York Telephone
	Boyle Chas F	New York Telephone
	Boyle L Mrs	New York Telephone
	Braun Leicester	New York Telephone
	DiGiacomo Richd	New York Telephone
	Domaniewitz Abe	New York Telephone
	Flanagan Blanche	New York Telephone
	Haas Martha K Mrs	New York Telephone
	Liehr Eugene	New York Telephone

FINDINGS

Year	Uses	Source
1967	McHugh Edw	New York Telephone
	Pinkney Everett E	New York Telephone
	Prekopy Edw J	New York Telephone
	Roche Nicholas J	New York Telephone
	Saar Chas	New York Telephone
	Schulz Mary V	New York Telephone
	Sclafani Vincent J	New York Telephone
	Soldano Josephine	New York Telephone
	Weitzman Ida	New York Telephone
	Werner Frank	New York Telephone
	Wilkinson Bertna Mrs	New York Telephone
	Wolff Rae Mrs	New York Telephone
	Young J H	New York Telephone
1962	Bernstein Jack	New York Telephone Directory
	Boyle L Mrs	New York Telephone Directory
	Braun Leicester	New York Telephone Directory
	Cordani John J	New York Telephone Directory
	Curreri Jerome T	New York Telephone Directory
	Davis Edw M	New York Telephone Directory
	DiGiacomo Richd	New York Telephone Directory
	Domaniewitz Abe	New York Telephone Directory
	Feldscher Henry F	New York Telephone Directory
	Guerra Oriando A	New York Telephone Directory
	Horwath Geo W	New York Telephone Directory
	Killian Peter	New York Telephone Directory
	McPhillips Jas J	New York Telephone Directory
	Moltmann Grant	New York Telephone Directory
	Patti J	New York Telephone Directory
	Peterson Thore H	New York Telephone Directory
	Pinkney Everett E	New York Telephone Directory
	Prekopy Edw J	New York Telephone Directory
	Rind Nathan	New York Telephone Directory
	Ruland S L	New York Telephone Directory
	Schneider Abraham	New York Telephone Directory
	Sclafani Vincent J	New York Telephone Directory
	Sheridan Beryl	New York Telephone Directory
	Soldano Josephine	New York Telephone Directory
	Tello Carmen	New York Telephone Directory

FINDINGS

Year	Uses	Source
1962	Vicari Clement J	New York Telephone Directory
	Weitzman Ida	New York Telephone Directory
	Werner Frank	New York Telephone Directory
1945	Lazaroff M	New York Telephone
	Tretola D J	New York Telephone
	Braun Leicester	New York Telephone
	De Micco Ralph	New York Telephone
	Gomberg Harry	New York Telephone
	Hankin Reuben	New York Telephone
	Harris Russell E	New York Telephone
	Livingston Jas G	New York Telephone
	Pinkney Everett E	New York Telephone
1939	Goldberg I	New York Telephone Company
	Benson Eileen A nrse	New York Telephone Company
	Coleman Jas A	New York Telephone Company
	Pinkney Everett E	New York Telephone Company
	Rush Philip	New York Telephone Company
1934	Garfield Fredk M Marie M lawyer	R. L. Polk & Co.
	Lynch Thos J police	R. L. Polk & Co.
	Sonner Carl J Minnie electn	R. L. Polk & Co.
	Stewart Geo Anne clk	R. L. Polk & Co.
	Tepper Jacob Anna gas sta	R. L. Polk & Co.
	Wheeler Wm W Augusta A	R. L. Polk & Co.
	Blinn Herbert N Fidelina poilce	R. L. Polk & Co.
	Blinn Jennie wid Jas	R. L. Polk & Co.
	Bliss Frank M auto mech	R. L. Polk & Co.
	Bliss Wm L auto mech	R. L. Polk & Co.
	Brown Edw	R. L. Polk & Co.
	Clash Thos E Ellen	R. L. Polk & Co.
	Coleman Albert J Mae clk	R. L. Polk & Co.
	Coleman Jas A Mary mgr Mhn	R. L. Polk & Co.
	Coleman Robt clk	R. L. Polk & Co.
	Cooney Gertrude sten	R. L. Polk & Co.
	DAmello John Mary fcty wkr	R. L. Polk & Co.
	Ferren Ruby M tel opr	R. L. Polk & Co.
	Filton A G electn wkr	R. L. Polk & Co.
	Fitten Albert C Madeline electn	R. L. Polk & Co.
	Hershenhart Saul H & S Service Sta	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1934	Kaucher Philip jr clk	R. L. Polk & Co.
	Lichtell John B Frances plmbr	R. L. Polk & Co.
	Ronteltap John L Nora clk	R. L. Polk & Co.
	Sarubbi Michl Marie bus line	R. L. Polk & Co.
	Siemens Rudolph H Cath radio eng	R. L. Polk & Co.

10436 102ND ST

Year	Uses	Source
2005	h Khan Zahabobdin	Hill-Donnelly Information Services
2000	Hafid Alaoui	Cole Information Services
	Zahabobdin Khan	Cole Information Services
	Goncharran Lochan	Cole Information Services
	Molly Persad	Cole Information Services
1976	Carberry Frank	New York Telephone
1970	Reinhold Chas A	New York Telephone
1967	Reinhold Chas A	New York Telephone
	Heaney Anna M Mrs	New York Telephone
1962	Reinhold Chas A	New York Telephone Directory
	Heaney Anna M Mrs	New York Telephone Directory
1945	Heaney Anna M Mrs	New York Telephone
	Heaney Anna M Mrs	New York Telephone
	Reinhold F	New York Telephone
1939	Reinhold F	New York Telephone Company
1934	Geersen Bernard Elise	R. L. Polk & Co.
	Reinhold Chas A Frances slsmn	R. L. Polk & Co.

10438 102ND ST

Year	Uses	Source
2005	Beepat Bute vo	Hill-Donnelly Information Services
2000	Liloutie Madalall	Cole Information Services
	Ramjatan Bhoodai	Cole Information Services
	S Biradie	Cole Information Services
	Yessica Caceres	Cole Information Services

10439 102ND ST

Year	Uses	Source
2005	HTrombina Glovanna L	Hill-Donnelly Information Services
2000	Philip Trombin	Cole Information Services
1991	Trombina Philip	NYNEX Information Resource Company

FINDINGS

Year	Uses	Source
1983	Pergola G L	New York Telephone
1970	Pergola Peter	New York Telephone
1967	Pergola Peter	New York Telephone
1962	Pergola Salvatore	New York Telephone Directory
	Pergola Peter	New York Telephone Directory
1934	Dinkfleld Martin Ruth Sterling Welding Wks	R. L. Polk & Co.
	Merk Chas Wilhelmina meats	R. L. Polk & Co.

10440 102ND ST

Year	Uses	Source
2005	Lea Juel V	Hill-Donnelly Information Services
	Torres Ruben vo	Hill-Donnelly Information Services
2000	Paul Debono	Cole Information Services
	C Cuadras	Cole Information Services

10451 102ND ST

Year	Uses	Source
1939	Mc William Wm J	New York Telephone Company

3 102ND ST

Year	Uses	Source
2000	E C Whitelaw	Cole Information Services

LIBERTY AVE

10202 LIBERTY AVE

Year	Uses	Source
2012	FLEX MIND BODY & SPIRIT HEALTH & FIT	Cole Information Services
2005	Flex Mind Body & Spirit Health	Hill-Donnelly Information Services
1991	Liberty Electronics Inc	NYNEX Information Resource Company
1983	Lithuanian Cooperative Publshg Soc Inc	New York Telephone
	Laisve Lithuanian Semi Weekly	New York Telephone
1976	Lithuanian Cooperative Publshg Soc Inc	New York Telephone
	Laisve Lithuanian Semi Weekly	New York Telephone
1970	Laisve Lithuanian Semi Weekly	New York Telephone
	Lithuanian Cooperative Publshg Soc Inc	New York Telephone
1967	Lithuanian Literary Soc	New York Telephone
	Lithuanian Cooperative Publshg Soc Inc	New York Telephone
	Laisve Lithuanian Semi Weekly	New York Telephone

FINDINGS

Year	Uses	Source
1962	Lithuanian Co operative Publshg Soc Inc	New York Telephone Directory
	Laisve Lithuanian Saml Weekly	New York Telephone Directory
1945	Stone Florence Mrs statnry	New York Telephone
1939	Greenberg Murray statnry	New York Telephone Company

10204 LIBERTY AVE

Year	Uses	Source
2012	JVC CABINETS	Cole Information Services
2007	FLEX MIND BODY & SPIRIT	Cole Information Services
1991	Guy Jam Enterprise Inc	NYNEX Information Resource Company

10208 LIBERTY AVE

Year	Uses	Source
2005	H Scotti Giacomo AV	Hill-Donnelly Information Services
1991	Scotti Giacomo	NYNEX Information Resource Company
	Aldino Ciro	NYNEX Information Resource Company
1983	Scotti Giacomo	New York Telephone
1976	Brzozowski Greg	New York Telephone
1967	Amato L	New York Telephone
	Esposito Fred	New York Telephone
1962	Esposito L	New York Telephone Directory
	Esposito Fred	New York Telephone Directory

10211 LIBERTY AVE

Year	Uses	Source
1962	DeDona Parking	New York Telephone Directory

10215 LIBERTY AVE

Year	Uses	Source
2012	CLEANCO CLEANOUT SERVICE	Cole Information Services
2007	MOVECO INC	Cole Information Services
2005	Moveco Inc 10 718 738 8732 a	Hill-Donnelly Information Services

10237 LIBERTY AVE

Year	Uses	Source
1939	Goodmans Dairy	New York Telephone Company

FINDINGS

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
102-16 Liberty Avenue	2012, 2007, 2005, 2000, 1996, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
10202 LIBERTY AVE	2012, 2007, 2000, 1996, 1950, 1934, 1922
10202 LIBERTY AVE	2007, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10204 LIBERTY AVE	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10204 LIBERTY AVE	2012, 2007, 2005, 2000, 1996, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10208 LIBERTY AVE	2012, 2007, 2000, 1996, 1970, 1950, 1945, 1939, 1934, 1922
10211 LIBERTY AVE	2012, 2007, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1934, 1922
10215 LIBERTY AVE	2012, 2007, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10215 LIBERTY AVE	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10237 LIBERTY AVE	2012, 2007, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1934, 1922
104-01 102ND ST	2012, 2007, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
104-02 102ND ST	2012, 2007, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
104-03 102ND ST	2012, 2007, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
104-04 102ND ST	2012, 2007, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
104-06 102ND ST	2012, 2007, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
104-08 102ND ST	2012, 2007, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
104-09 102ND ST	2012, 2007, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
104-10 102ND ST	2012, 2007, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
104-12 102ND ST	2012, 2007, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
104-14 102ND ST	2012, 2007, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
104-16 102ND ST	2012, 2007, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
104-18 102ND ST	2012, 2007, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
104-19 102ND ST	2012, 2007, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
104-20 102ND ST	2012, 2007, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
104-22 102ND ST	2012, 2007, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
104-24 102ND ST	2012, 2007, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
104-27 102ND ST	2012, 2007, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
104-28 102ND ST	2012, 2007, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
104-32 102ND ST	2012, 2007, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
104-34 102ND ST	2012, 2007, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
104-35 102ND ST	2012, 2007, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
104-36 102ND ST	2012, 2007, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
104-39 102ND ST	2012, 2007, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10402 102ND ST	2012, 2007, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1950, 1945, 1939, 1934, 1922
10404 102ND ST	2012, 2007, 2005, 2000, 1996, 1991, 1950, 1945, 1939, 1934, 1922
10406 102ND ST	2012, 2007, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1962, 1950, 1945, 1939, 1922
10407 102ND ST	2012, 2007, 2005, 2000, 1996, 1991, 1983, 1950, 1945, 1939, 1934, 1922
10408 102ND ST	2012, 2007, 2005, 2000, 1996, 1991, 1983, 1970, 1967, 1962, 1950, 1945, 1922
10409 102ND ST	2012, 2007, 2005, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10409 102ND ST	2007, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10410 102ND ST	2012, 2007, 2005, 2000, 1996, 1991, 1983, 1976, 1950, 1945, 1939, 1934, 1922
10411 102ND ST	2012, 2007, 1996, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10412 102ND ST	2012, 2007, 1996, 1950, 1939, 1922
10415 102ND ST	2012, 2007, 1996, 1991, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
10416 102ND ST	2012, 2007, 1996, 1950, 1922
10417 102ND ST	2012, 2007, 1996, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10418 102ND ST	2012, 2007, 2005, 2000, 1996, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10419 102ND ST	2012, 2007, 1996, 1950, 1945, 1939, 1922
10421 102ND ST	2012, 2007, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10422 102ND ST	2012, 2007, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
10423 102ND ST	2012, 2007, 1996, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10423 102ND ST	2012, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10424 102ND ST	2012, 2007, 1996, 1950, 1922
10426 102ND ST	2012, 2007, 1996, 1983, 1970, 1962, 1950, 1945, 1939, 1922
10427 102ND ST	2012, 2007, 1996, 1950, 1922
10428 102ND ST	2012, 2007, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1922
10432 102ND ST	2012, 2007, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1950, 1922
10434 102ND ST	2012, 2007, 2000, 1996, 1991, 1983, 1976, 1950, 1945, 1922
10435 102ND ST	2012, 2007, 1996, 1950, 1922
10435 102ND ST	2007, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10436 102ND ST	2012, 2007, 1996, 1991, 1983, 1950, 1922
10438 102ND ST	2012, 2007, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10439 102ND ST	2012, 2007, 1996, 1976, 1950, 1945, 1939, 1922
10440 102ND ST	2012, 2007, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10451 102ND ST	2012, 2007, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1934, 1922
3 102ND ST	2012, 2007, 2005, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922

Appendix E
Database Search Results

102-16 Liberty Ave, Queens, NY Block 9523 Lot 5
102-16 Liberty Ave
Ozone Park, NY, NY 11417

Inquiry Number: 3497283.1s
January 17, 2013

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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GEOCHECK ADDENDUM

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Physical Setting Source Records Searched	A-58

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Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

102-16 LIBERTY AVE
OZONE PARK, NY, NY 11417

COORDINATES

Latitude (North):	40.6815000 - 40˚ 40' 53.40''
Longitude (West):	73.8385000 - 73˚ 50' 18.60''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	598156.3
UTM Y (Meters):	4503839.0
Elevation:	35 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	40073-F7 JAMAICA, NY
Most Recent Revision:	1994

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year:	2009
Source:	USDA

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List

EXECUTIVE SUMMARY

Proposed NPL ..... Proposed National Priority List Sites
NPL LIENS ..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ..... National Priority List Deletions

Federal CERCLIS list

CERCLIS ..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY ..... Federal Facility Site Information listing

Federal RCRA CORRACTS facilities list

CORRACTS ..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG ..... RCRA - Large Quantity Generators
RCRA-SQG ..... RCRA - Small Quantity Generators

Federal institutional controls / engineering controls registries

US ENG CONTROLS ..... Engineering Controls Sites List
US INST CONTROL ..... Sites with Institutional Controls
LUCIS ..... Land Use Control Information System

Federal ERNS list

ERNS ..... Emergency Response Notification System

State and tribal landfill and/or solid waste disposal site lists

SWF/LF ..... Facility Register

State and tribal leaking storage tank lists

INDIAN LUST ..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

TANKS ..... Storage Tank Faciliy Listing
CBS UST ..... Chemical Bulk Storage Database
MOSF UST ..... Major Oil Storage Facilities Database
CBS AST ..... Chemical Bulk Storage Database
MOSF AST ..... Major Oil Storage Facilities Database
MOSF ..... Major Oil Storage Facility Site Listing
CBS ..... Chemical Bulk Storage Site Listing
INDIAN UST ..... Underground Storage Tanks on Indian Land
FEMA UST ..... Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

ENG CONTROLS ..... Registry of Engineering Controls

EXECUTIVE SUMMARY

INST CONTROL ..... Registry of Institutional Controls
RES DECL ..... Restrictive Declarations Listing

State and tribal voluntary cleanup sites

VCP ..... Voluntary Cleanup Agreements
INDIAN VCP ..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

ERP ..... Environmental Restoration Program Listing
BROWNFIELDS ..... Brownfields Site List

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

ODI ..... Open Dump Inventory
DEBRIS REGION 9 ..... Torres Martinez Reservation Illegal Dump Site Locations
SWRCY ..... Registered Recycling Facility List
SWTIRE ..... Registered Waste Tire Storage & Facility List
INDIAN ODI ..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL ..... Clandestine Drug Labs
DEL SHWS ..... Delisted Registry Sites
US HIST CDL ..... National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

HIST AST ..... Historical Petroleum Bulk Storage Database

Local Land Records

LIENS 2 ..... CERCLA Lien Information
LIENS ..... Spill Liens Information

Records of Emergency Release Reports

HMIRS ..... Hazardous Materials Information Reporting System

Other Ascertainable Records

DOT OPS ..... Incident and Accident Data
DOD ..... Department of Defense Sites
FUDS ..... Formerly Used Defense Sites
CONSENT ..... Superfund (CERCLA) Consent Decrees
ROD ..... Records Of Decision
UMTRA ..... Uranium Mill Tailings Sites

EXECUTIVE SUMMARY

MINES	Mines Master Index File
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System
RMP	Risk Management Plans
HSWDS	Hazardous Substance Waste Disposal Site Inventory
UIC	Underground Injection Control Wells
NPDES	State Pollutant Discharge Elimination System
AIRS	Air Emissions Data
E DESIGNATION	E DESIGNATION SITE LISTING
INDIAN RESERV	Indian Reservations
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
EPA WATCH LIST	EPA WATCH LIST
US FIN ASSUR	Financial Assurance Information
PRP	Potentially Responsible Parties
COAL ASH	Coal Ash Disposal Site Listing
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
2020 COR ACTION	2020 Corrective Action Program List
Financial Assurance	Financial Assurance Information Listing
US AIRS	Aerometric Information Retrieval System Facility Subsystem
PCB TRANSFORMER	PCB Transformer Registration Database

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS NFRAP site List

CERC-NFRAP: Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

A review of the CERC-NFRAP list, as provided by EDR, and dated 11/02/2012 has revealed that there is 1 CERC-NFRAP site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
AIRCRAFT TURBINE SERVICE	129-15 92ND ST	SW 1/4 - 1/2 (0.479 mi.)	107	307

Federal RCRA generators list

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 09/11/2012 has revealed that there are 3 RCRA-CESQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON	LIBERTY AVE & 99TH ST	WSW 0 - 1/8 (0.107 mi.)	F23	48
NYC BD OF ED - JOHN ADAMS HS Q	***101-01 ROCKAWAY BLVD***	***S 0 - 1/8 (0.118 mi.)***	***H40***	***79***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CROSS BAY CLEANERS	***96-05 LIBERTY AVE***	***WSW 1/8 - 1/4 (0.250 mi.)***	***W94***	***264***

State- and tribal - equivalent CERCLIS

SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environmental Conservation's Inactive Hazardous waste Disposal Sites in New York State.

A review of the SHWS list, as provided by EDR, and dated 11/19/2012 has revealed that there is 1 SHWS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
OZONE INDUSTRIES	***100TH ST. BETWEEN 101ST***	***NW 1/8 - 1/4 (0.245 mi.)***	***91***	***260***
Class Code: Significant threat to the public health or environment - action required.				

VAPOR REOPENED: "Vapor intrusion" refers to the process by which volatile chemicals move from a subsurface source into the indoor air of overlying or adjacent buildings. The subsurface source can either be contaminated groundwater or contaminated soil which releases vapors into the pore spaces in the soil. Improvements in analytical techniques and knowledge gained from site investigations in New York and other states has led to an increased awareness of soil vapor as a medium of concern and of the potential for exposures from the soil vapor intrusion pathway. Based on this additional information, New York is currently re-evaluating previous assumptions and decisions regarding the potential for soil vapor intrusion exposures at sites. As a result, all past, current, and future contaminated sites will be evaluated to determine whether these sites have the potential for exposures related to soil vapor intrusion.

A review of the VAPOR REOPENED list, as provided by EDR, and dated 05/01/2012 has revealed that there is 1 VAPOR REOPENED site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
OZONE INDUSTRIES	***100TH ST. BETWEEN 101ST***	***NW 1/8 - 1/4 (0.245 mi.)***	***91***	***260***

State and tribal leaking storage tank lists

LTANKS: Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills

A review of the LTANKS list, as provided by EDR, and dated 11/19/2012 has revealed that there are 13 LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
103-10 103RD ST Date Closed: 2/28/2003	***103-10 103RD ST***	***N 1/8 - 1/4 (0.173 mi.)***	***Q64***	***149***
103RD ST & 103RD AVE/QUNS Date Closed: 12/8/1992	***103RD ST & 103RD AVE***	***N 1/8 - 1/4 (0.173 mi.)***	***Q65***	***151***
CONSTRUCTION SITE Date Closed: 6/7/2005	101-09 103RD AVE	NW 1/8 - 1/4 (0.177 mi.)	N70	181
PRIVATE REIDENCE Date Closed: 6/1/2004	107-70 107TH ST	ESE 1/4 - 1/2 (0.278 mi.)	95	270
103-16 107TH ST Date Closed: 9/12/1995	***103-16 107TH ST***	***NE 1/4 - 1/2 (0.294 mi.)***	***96***	***272***
THE MERRY GATES OF HEAVEN Date Closed: 3/17/1993	***103-12 101ST AVENUE***	***NNW 1/4 - 1/2 (0.317 mi.)***	***Z103***	***295***
97-10 103TH ST Date Closed: 5/24/1993	***97-10 103TH ST***	***NNW 1/4 - 1/2 (0.414 mi.)***	***106***	***304***

Lower Elevation	Address	Direction / Distance	Map ID	Page
NYC PD PRECINCT 106	***103-53 101ST ST***	***NW 0 - 1/8 (0.100 mi.)***	***E19***	***40***

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
AMOCO GAS STATION Date Closed: 6/30/2003	97-09 ROCKAWAY BLVD	WSW 1/8 - 1/4 (0.173 mi.)	R66	154
AMMOCO STATION Date Closed: 11/6/1998	***9702 ROCKAWAY BLVD***	***WSW 1/8 - 1/4 (0.195 mi.)***	***R77***	***224***
CLOSED-LACKOF RECENT INFO Date Closed: 3/4/2003	***98-21 ROCKAWAY BLVD***	***WSW 1/8 - 1/4 (0.223 mi.)***	***82***	***242***
EXXON STA Date Closed: 8/11/1993 Date Closed: 3/30/1994 **Additional key fields are available in the Map Findings section*	***COR ROCKAWAY BLVD/CENTE***	***SE 1/4 - 1/2 (0.306 mi.)***	***Y100***	***281***
111-24 106TH ST/QUEENS Date Closed: 5/25/1995	***111-24 106TH STREET***	***SE 1/4 - 1/2 (0.385 mi.)***	***105***	***302***

HIST LTANKS: A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database.

A review of the HIST LTANKS list, as provided by EDR, and dated 01/01/2002 has revealed that there are 16 HIST LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
103-10 103RD ST Date Closed: / /	***103-10 103RD ST***	***N 1/8 - 1/4 (0.173 mi.)***	***Q64***	***149***
103RD ST & 103RD AVE/QUNS Date Closed: 12/08/92	***103RD ST & 103RD AVE***	***N 1/8 - 1/4 (0.173 mi.)***	***Q65***	***151***
103-16 107TH ST Date Closed: 09/12/95	***103-16 107TH ST***	***NE 1/4 - 1/2 (0.294 mi.)***	***96***	***272***
103-12 101ST AVE./ST. MAR Date Closed: 03/17/93	103-12 101ST. AVE.	NNW 1/4 - 1/2 (0.317 mi.)	Z102	294
THE MERRY GATES OF HEAVEN Date Closed: 03/17/93	***103-12 101ST AVENUE***	***NNW 1/4 - 1/2 (0.317 mi.)***	***Z103***	***295***
AMERICAN BEDDING COMPANY Date Closed: / /	***109-03 LIBERTY AV***	***ENE 1/4 - 1/2 (0.357 mi.)***	***104***	***299***
97-10 103TH ST Date Closed: 05/24/93	***97-10 103TH ST***	***NNW 1/4 - 1/2 (0.414 mi.)***	***106***	***304***

Lower Elevation	Address	Direction / Distance	Map ID	Page
NYC POLICE PRECT. 106 Date Closed: / /	103-53 101ST ST	NW 0 - 1/8 (0.100 mi.)	E18	39
NYC PD PRECINCT 106 Date Closed: / /	***103-53 101ST ST***	***NW 0 - 1/8 (0.100 mi.)***	***E19***	***40***
AMMOCO STATION Date Closed: 11/06/98	***9702 ROCKAWAY BLVD***	***WSW 1/8 - 1/4 (0.195 mi.)***	***R77***	***224***
CLOSED-LACKOF RECENT INFO Date Closed: / /	***98-21 ROCKAWAY BLVD***	***WSW 1/8 - 1/4 (0.223 mi.)***	***82***	***242***

Lower Elevation	Address	Direction / Distance	Map ID	Page
EXXON SERVICE STATION Date Closed: 03/30/94	***105-02 ROCKAWAY BLVD***	***SE 1/4 - 1/2 (0.306 mi.)***	***Y97***	***274***
105-02 ROCKAWAY BLVD Date Closed: / /	105002 ROCKAWAY BLVD	SE 1/4 - 1/2 (0.306 mi.)	Y98	277
105-02 ROCKAWAY BLVD. Date Closed: 08/11/93 Date Closed: 03/30/94	105-02 ROCKAWAY BLVD.	SE 1/4 - 1/2 (0.306 mi.)	Y99	278
EXXON STATION Date Closed: 06/18/97	105 ROCKAWAY TRNPK	SE 1/4 - 1/2 (0.306 mi.)	Y101	292
111-24 106TH ST/QUEENS Date Closed: 05/25/95	***111-24 106TH STREET***	***SE 1/4 - 1/2 (0.385 mi.)***	***105***	***302***

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the UST list, as provided by EDR, and dated 01/02/2013 has revealed that there are 10 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ROCKAWAY SERVICE STATION INC.	100-07 ROCKAWAY BOULEVA	S 0 - 1/8 (0.116 mi.)	H32	63
100-02 ROCKAWAY BLVD CORP	100-02 ROCKAWAY BLVD	S 0 - 1/8 (0.116 mi.)	H34	68
103-02 ROCKAWAY BLVD	103-02 ROCKAWAY BOULEVA	SE 1/8 - 1/4 (0.164 mi.)	O60	143
SAFEGUARD SELF STORAGE	101-09 103RD AVENUE	NW 1/8 - 1/4 (0.177 mi.)	N69	179
THE VOGES MFG. COMPANY INC.	***103-11 98TH STREET***	***WNW 1/8 - 1/4 (0.218 mi.)***	***U80***	***234***

Lower Elevation	Address	Direction / Distance	Map ID	Page
106TH PCT	103-55 101ST STREET	NW 0 - 1/8 (0.097 mi.)	E16	29
GETTY S/S #16	98-21 ROCKAWAY BOULEVAR	SW 1/8 - 1/4 (0.151 mi.)	M52	107
ROCK 98 AUTO REPAIR SERV INC	***98-08 ROCKAWAY BLVD***	***SW 1/8 - 1/4 (0.155 mi.)***	***M55***	***126***
NOR-ROCK SERVICE CENTER, INC.	***97-09 ROCKAWAY BOULEVAR***	***WSW 1/8 - 1/4 (0.173 mi.)***	***R67***	***155***
QUEENS FARMS DAIRY INC	***103-45 98TH ST***	***WNW 1/8 - 1/4 (0.184 mi.)***	***T73***	***186***

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database.

A review of the AST list, as provided by EDR, and dated 01/02/2013 has revealed that there are 16 AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MICHAEL SLATTERY	***104-35 102ND STREET***	***S 0 - 1/8 (0.014 mi.)***	***A1***	***8***
104-50 102 STREET	***104-50 102 STREET***	***S 0 - 1/8 (0.024 mi.)***	***A2***	***11***
J & SONS AUTO REPAIR INC.	103-55 99TH STREET	W 0 - 1/8 (0.112 mi.)	G28	54
ROCKAWAY SERVICE STATION INC.	100-07 ROCKAWAY BOULEVA	S 0 - 1/8 (0.116 mi.)	H31	61
100-02 ROCKAWAY BLVD CORP	100-02 ROCKAWAY BLVD	S 0 - 1/8 (0.116 mi.)	H35	70
JOHN ADAMS H S	***101-01 ROCKAWAY BLVD***	***S 0 - 1/8 (0.118 mi.)***	***H39***	***74***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CAR HAVEN 99 CORP	103-24 99ST	WNW 1/8 - 1/4 (0.169 mi.)	P63	147
ENGINE 285 / LADDER 142	***103-17 98TH STREET***	***WNW 1/8 - 1/4 (0.211 mi.)***	***U78***	***228***
PBLIC SCHOOL 137-QUEENS	109-01 98TH ST	SSW 1/8 - 1/4 (0.228 mi.)	X85	248

Lower Elevation	Address	Direction / Distance	Map ID	Page
AMIGO COLLISION & MECHANIC COR	100-10 LIBERTY AVE	WSW 0 - 1/8 (0.081 mi.)	C8	21
106 PCT	***103-55 101ST ST***	***NW 0 - 1/8 (0.097 mi.)***	***E17***	***32***
GETTY S/S #16	***98-21 ROCKAWAY BOULEVAR***	***SW 1/8 - 1/4 (0.151 mi.)***	***M51***	***94***
NOR-ROCK SERVICE CENTER, INC.	***97-09 ROCKAWAY BOULEVAR***	***WSW 1/8 - 1/4 (0.173 mi.)***	***R67***	***155***
103-55 97TH STREET	***103-55 97TH STREET***	***W 1/8 - 1/4 (0.221 mi.)***	***V81***	***238***
103-45 97 STREET	***103-45 97 STREET***	***W 1/8 - 1/4 (0.227 mi.)***	***V84***	***244***
103-35 97 STREET	***103-35 97 STREET***	***W 1/8 - 1/4 (0.234 mi.)***	***87***	***251***

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

HIST UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the HIST UST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 7 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DECORATIVE SHOWCASE CO	100-02 ROCKAWAY BLVD	S 0 - 1/8 (0.116 mi.)	H33	67
THE VOGES MFG. COMPANY INC.	***103-11 98TH STREET***	***WNW 1/8 - 1/4 (0.218 mi.)***	***U80***	***234***

Lower Elevation	Address	Direction / Distance	Map ID	Page
106 PCT	***103-55 101ST ST***	***NW 0 - 1/8 (0.097 mi.)***	***E17***	***32***
GETTY S/S #16	***98-21 ROCKAWAY BOULEVAR***	***SW 1/8 - 1/4 (0.151 mi.)***	***M51***	***94***
ROCK 98 AUTO REPAIR SERV INC	***98-08 ROCKAWAY BLVD***	***SW 1/8 - 1/4 (0.155 mi.)***	***M55***	***126***
NOR-ROCK SERVICE CENTER, INC.	***97-09 ROCKAWAY BOULEVAR***	***WSW 1/8 - 1/4 (0.173 mi.)***	***R67***	***155***
QUEENS FARMS DAIRY INC	***103-45 98TH ST***	***WNW 1/8 - 1/4 (0.184 mi.)***	***T73***	***186***

Records of Emergency Release Reports

NY Spills: Data collected on spills reported to NYSDEC. is required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

A review of the NY Spills list, as provided by EDR, and dated 11/19/2012 has revealed that there are 6 NY Spills sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GEWAT HOME Date Closed: 2/8/2007	103-04 LIBERTY AVE	ENE 0 - 1/8 (0.041 mi.)	3	14

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported Date Closed: 8/26/2004	LIBERTY AVE & 104TH ST	ENE 0 - 1/8 (0.087 mi.)	D11	25
MANHOLE #13924 Date Closed: 10/23/2002	***99TH ST AND LIBERTY AVE***	***WSW 0 - 1/8 (0.108 mi.)***	***F24***	***49***
107-62 101TH STREET Date Closed: 1/15/1994	***107-62 101TH STREET***	***S 0 - 1/8 (0.123 mi.)***	***J42***	***85***

Lower Elevation	Address	Direction / Distance	Map ID	Page
DOLDER DONALD - VACANT BUILDIN Date Closed: 3/26/1997	***104-11 101ST ST***	***WSW 0 - 1/8 (0.056 mi.)***	***B6***	***17***
NYC PD PRECINCT 106 Date Closed: 1/31/2006 Date Closed: 6/12/2008	***103-53 101ST ST***	***NW 0 - 1/8 (0.100 mi.)***	***E19***	***40***

NY Hist Spills: This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database.

A review of the NY Hist Spills list, as provided by EDR, and dated 01/01/2002 has revealed that there are 3 NY Hist Spills sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MANHOLE #13924	***99TH ST AND LIBERTY AVE***	***WSW 0 - 1/8 (0.108 mi.)***	***F24***	***49***
107-62 101TH STREET	***107-62 101TH STREET***	***S 0 - 1/8 (0.123 mi.)***	***J42***	***85***

Lower Elevation	Address	Direction / Distance	Map ID	Page
104-11 101ST STREET	104-11 101ST STREET	WSW 0 - 1/8 (0.056 mi.)	B7	20

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 09/11/2012 has revealed that there are 9 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ROMA CLEANERS CORP	***104-07 LIBERTY AVE***	***ENE 0 - 1/8 (0.090 mi.)***	***D14***	***27***
REMEDY REMOVAL INC	***103-21 104TH ST***	***NNE 1/8 - 1/4 (0.162 mi.)***	***59***	***141***
VOGUES MFG CO INC	***103-11 98TH ST***	***WNW 1/8 - 1/4 (0.218 mi.)***	***U79***	***232***
U S COLLISION INC	***109-14 98TH ST***	***SSW 1/8 - 1/4 (0.241 mi.)***	***X89***	***254***

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
DOLDER DONALD - VACANT BUILDIN	*104-11 101ST ST*	*WSW 0 - 1/8 (0.056 mi.)*	*B6*	*17*
MAIN LINE AUTO COLLISION INC	*103-32 101ST ST*	*NW 1/8 - 1/4 (0.128 mi.)*	*K44*	*89*
GETTY PETROLEUM CORP	*98-21 ROCKAWAY BLVD*	*SW 1/8 - 1/4 (0.151 mi.)*	*M50*	*92*
BENNETT SCHOLEY RICE	*98-08 ROCKAWAY BLVD*	*SW 1/8 - 1/4 (0.155 mi.)*	*M54*	*124*
QUEENS FARMS DAIRY	*103-45 98TH ST*	*WNW 1/8 - 1/4 (0.184 mi.)*	*T72*	*183*

MANIFEST: Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

A review of the MANIFEST list, as provided by EDR, and dated 11/01/2012 has revealed that there are 7 MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NYC BD OF ED - JOHN ADAMS HS Q	*101-01 ROCKAWAY BLVD*	*S 0 - 1/8 (0.118 mi.)*	*H40*	*79*
U S COLLISION INC	*109-14 98TH ST*	*SSW 1/8 - 1/4 (0.241 mi.)*	*X89*	*254*

Lower Elevation	Address	Direction / Distance	Map ID	Page
DOLDER DONALD - VACANT BUILDIN	*104-11 101ST ST*	*WSW 0 - 1/8 (0.056 mi.)*	*B6*	*17*
GETTY S/S #16 - GETTY PROPERTI	*98-21 ROCKAWAY BLVD*	*SW 1/8 - 1/4 (0.151 mi.)*	*M53*	*118*
BENNETT SCHOLEY RICE	*98-08 ROCKAWAY BLVD*	*SW 1/8 - 1/4 (0.155 mi.)*	*M54*	*124*
QUEENS FARMS DAIRY	*103-45 98TH ST*	*WNW 1/8 - 1/4 (0.184 mi.)*	*T72*	*183*
CROSS BAY CLEANERS	*96-05 LIBERTY AVENUE*	*WSW 1/8 - 1/4 (0.250 mi.)*	*W93*	*264*

DRYCLEANERS: A listing of all registered drycleaning facilities.

A review of the DRYCLEANERS list, as provided by EDR, and dated 06/20/2012 has revealed that there is 1 DRYCLEANERS site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CROSS BAY CLEANERS	*96-05 LIBERTY AVENUE*	*WSW 1/8 - 1/4 (0.250 mi.)*	*W93*	*264*

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR US Hist Auto Stat: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Auto Stat list, as provided by EDR, has revealed that there are 29 EDR US

EXECUTIVE SUMMARY

Hist Auto Stat sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	10419 99TH ST	WSW 0 - 1/8 (0.106 mi.)	F20	47
Not reported	10371 99TH ST	WSW 0 - 1/8 (0.106 mi.)	C21	47
Not reported	10363 99TH ST	WSW 0 - 1/8 (0.107 mi.)	F22	47
Not reported	10357 99TH ST	W 0 - 1/8 (0.110 mi.)	G26	52
Not reported	10355 99TH ST	W 0 - 1/8 (0.112 mi.)	G27	53
Not reported	10007 ROCKAWAY BLVD	S 0 - 1/8 (0.113 mi.)	H29	59
Not reported	10115 ROCKAWAY BLVD	S 0 - 1/8 (0.117 mi.)	J36	72
Not reported	10342 100TH ST	WNW 1/8 - 1/4 (0.134 mi.)	I46	91
Not reported	10508 LIBERTY AVE	ENE 1/8 - 1/4 (0.144 mi.)	47	91
Not reported	10312 101ST ST	NW 1/8 - 1/4 (0.156 mi.)	N57	141
Not reported	10302 ROCKAWAY BLVD	SE 1/8 - 1/4 (0.161 mi.)	O58	141
Not reported	10315 100TH ST	NW 1/8 - 1/4 (0.167 mi.)	P61	145
Not reported	10324 99TH ST	WNW 1/8 - 1/4 (0.168 mi.)	62	146
Not reported	10417 106TH ST	ENE 1/8 - 1/4 (0.188 mi.)	S75	224
Not reported	10914 98TH ST	SSW 1/8 - 1/4 (0.241 mi.)	X90	260

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	10014 LIBERTY AVE	WSW 0 - 1/8 (0.083 mi.)	C9	23
Not reported	10011 LIBERTY AVE	WSW 0 - 1/8 (0.085 mi.)	C10	24
Not reported	10419 100TH ST	WSW 0 - 1/8 (0.087 mi.)	C12	26
Not reported	10423 100TH ST	WSW 0 - 1/8 (0.087 mi.)	C13	26
Not reported	10359 99TH ST	W 0 - 1/8 (0.109 mi.)	G25	52
Not reported	10359 100TH ST	WNW 0 - 1/8 (0.115 mi.)	I30	60
Not reported	10357 100TH ST	WNW 0 - 1/8 (0.117 mi.)	I37	73
Not reported	10354 100TH ST	WNW 0 - 1/8 (0.121 mi.)	I41	85
Not reported	10332 101ST ST	NW 1/8 - 1/4 (0.128 mi.)	K43	88
Not reported	10343 100TH ST	WNW 1/8 - 1/4 (0.133 mi.)	I45	90
Not reported	9821 ROCKAWAY BLVD	SW 1/8 - 1/4 (0.150 mi.)	M49	92
Not reported	9741 ROCKAWAY BLVD	WSW 1/8 - 1/4 (0.177 mi.)	R71	183
Not reported	9709 ROCKAWAY BLVD	WSW 1/8 - 1/4 (0.188 mi.)	R74	223
Not reported	9610 LIBERTY AVE	WSW 1/8 - 1/4 (0.226 mi.)	W83	244

EDR US Hist Cleaners: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Cleaners list, as provided by EDR, has revealed that there are 11 EDR US Hist Cleaners sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	10416 LIBERTY AVE	ENE 0 - 1/8 (0.096 mi.)	D15	28
Not reported	10121 ROCKAWAY BLVD	S 0 - 1/8 (0.117 mi.)	J38	73
Not reported	10354 105TH ST	NE 1/8 - 1/4 (0.149 mi.)	L48	92
Not reported	10341 105TH ST	NE 1/8 - 1/4 (0.155 mi.)	L56	140
Not reported	10519 LIBERTY AVE	ENE 1/8 - 1/4 (0.175 mi.)	S68	178
Not reported	10602 LIBERTY AVE	ENE 1/8 - 1/4 (0.193 mi.)	S76	224
Not reported	10757 106TH ST	ESE 1/8 - 1/4 (0.234 mi.)	86	250

EXECUTIVE SUMMARY

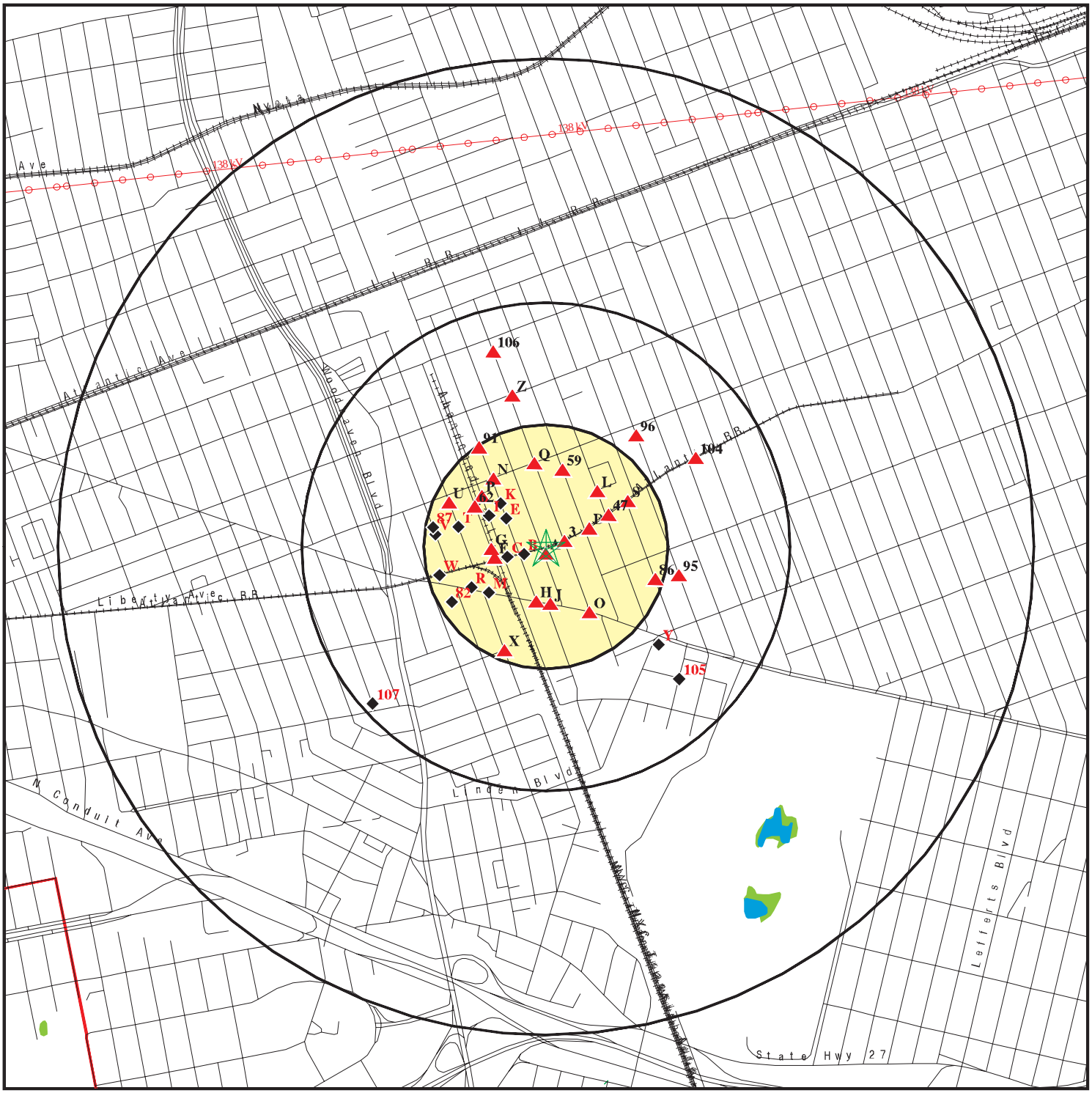
Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	10118 LIBERTY AVE	WSW 0 - 1/8 (0.047 mi.)	B4	16
Not reported	10104 LIBERTY AVE	WSW 0 - 1/8 (0.053 mi.)	B5	16
Not reported	9619 LIBERTY AVE	WSW 1/8 - 1/4 (0.240 mi.)	W88	254
Not reported	9605 LIBERTY AVE	WSW 1/8 - 1/4 (0.248 mi.)	W92	263

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 20 records.

Site Name	Database(s)
CONSOLIDATED EDISON	RCRA-NLR,MANIFEST
NYCTA	MANIFEST
CONSOLIDATED EDISON	RCRA-NLR,MANIFEST
AMOCO OIL SERVICE STATION	MANIFEST
CONSOLIDATED EDISON CO #3000	MANIFEST
MTA NYCT - ROCKAWAY LINE VIADUCTS	RCRA-SQG
CON EDISON - MANHOLE 11438	RCRA-LQG
CON EDISON - MANHOLE 13802	RCRA-LQG
CON EDISON - MANHOLE 11160	RCRA-LQG
NYC DEP	RCRA-NLR
NYC DEP	RCRA-NLR
NYSDOT RECONST FOCH BLVD & 109TH A	FINDS,RCRA-NLR
NYC DEP	RCRA-NLR
MTA NYCT - AQUEDUCT AVENUE STATION	FINDS,RCRA-NLR
CON EDISON	RCRA-CESQG
AQUEDUCT RACETRACK	RCRA-CESQG
BELL ATLANTIC-NY	FINDS
EFFICIENT AUTO COLLISION-129-15 10	FINDS
TRINCHESE PROP - B 14189 LOT 49	FINDS
NYC DCAS-161 AVE/95TH ST/SHELLBANK	FINDS

OVERVIEW MAP - 3497283.1s



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

County Boundary

Power transmission lines

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	102-16 Liberty Ave, Queens, NY Block 9523 Lot 5	CLIENT:	Hydro Tech Env. Corp.
ADDRESS:	102-16 Liberty Ave Ozone Park, NY NY 11417	CONTACT:	Shana Cross
		INQUIRY #:	3497283.1s
LAT/LONG:	40.6815 / 73.8385	DATE:	January 17, 2013 11:25 am

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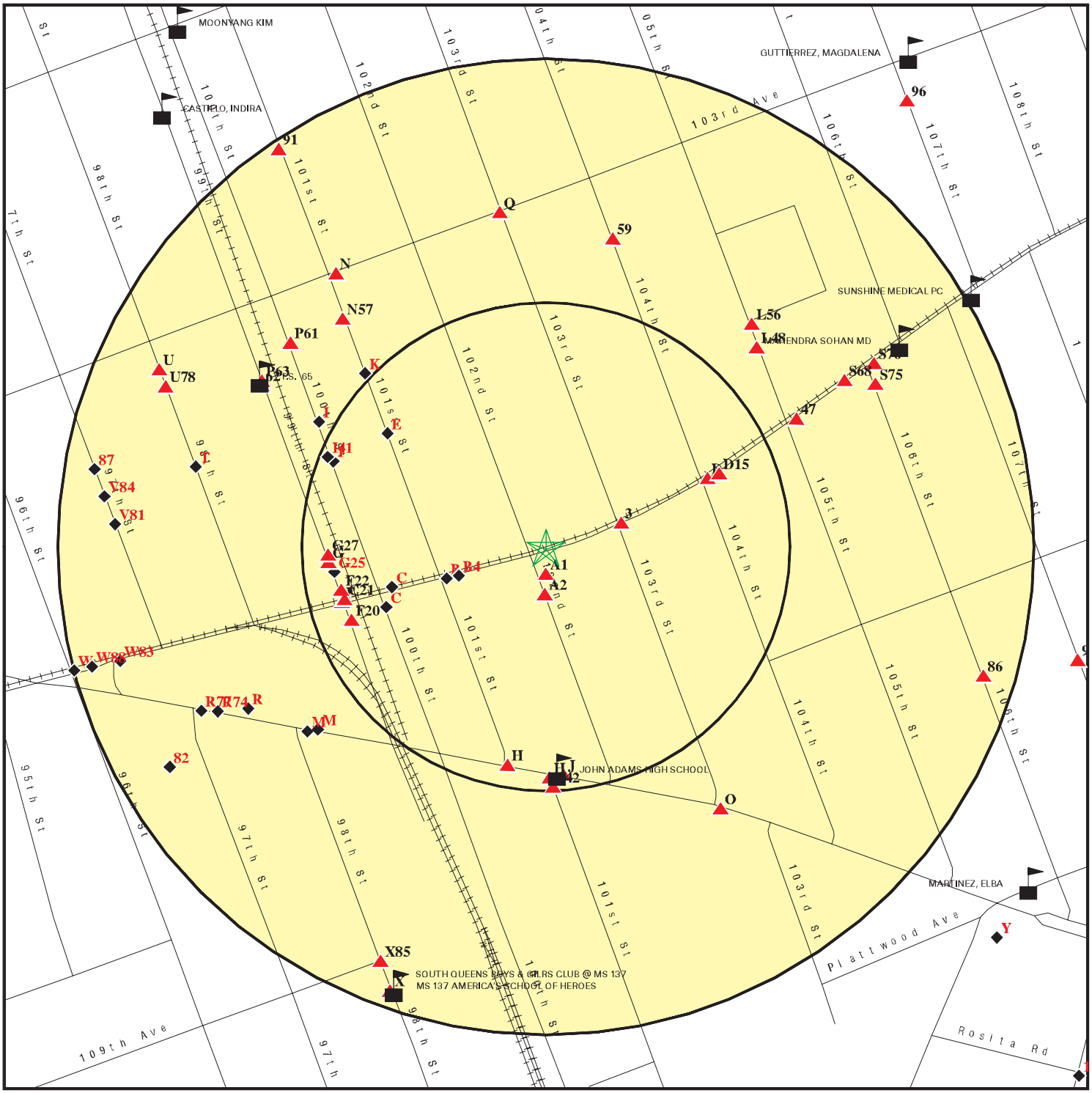
DETAIL MAP - 3497283.1s



0 1/16 1/8 1/4 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 102-16 Liberty Ave, Queens, NY Block 9523 Lot 5	CLIENT: Hydro Tech Env. Corp.
ADDRESS: 102-16 Liberty Ave Ozone Park, NY NY 11417	CONTACT: Shana Cross
LAT/LONG: 40.6815 / 73.8385	INQUIRY #: 3497283.1s
	DATE: January 17, 2013 11:26 am

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		0	0	1	NR	NR	1
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		2	1	NR	NR	NR	3
Federal institutional controls / engineering controls registries								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
SHWS	1.000		0	1	0	0	NR	1
VAPOR REOPENED	1.000		0	1	0	0	NR	1
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LTANKS	0.500		1	6	6	NR	NR	13
HIST LTANKS	0.500		2	4	10	NR	NR	16
INDIAN LUST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
State and tribal registered storage tank lists								
TANKS	0.250		0	0	NR	NR	NR	0
UST	0.250		3	7	NR	NR	NR	10
CBS UST	0.250		0	0	NR	NR	NR	0
MOSF UST	0.500		0	0	0	NR	NR	0
AST	0.250		8	8	NR	NR	NR	16
CBS AST	0.250		0	0	NR	NR	NR	0
MOSF AST	0.500		0	0	0	NR	NR	0
MOSF	0.500		0	0	0	NR	NR	0
CBS	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
RES DECL	0.125		0	NR	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
ERP	0.500		0	0	0	NR	NR	0
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
SWTIRE	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
DEL SHWS	1.000		0	0	0	0	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
HIST UST	0.250		2	5	NR	NR	NR	7
HIST AST	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LIENS	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
NY Spills	0.125		6	NR	NR	NR	NR	6
NY Hist Spills	0.125		3	NR	NR	NR	NR	3
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		2	7	NR	NR	NR	9
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
HSWDS	0.500		0	0	0	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
MANIFEST	0.250		2	5	NR	NR	NR	7
DRYCLEANERS	0.250		0	1	NR	NR	NR	1
NPDES	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
E DESIGNATION	0.125		0	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EDR US Hist Auto Stat	0.250		15	14	NR	NR	NR	29
EDR US Hist Cleaners	0.250		4	7	NR	NR	NR	11

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 South < 1/8 0.014 mi. 73 ft. | **MICHAEL SLATTERY**
104-35 102ND STREET
OZONE PARK, NY 11417 | **AST** | **U003391199**
HIST AST | **N/A**

Site 1 of 2 in cluster A

Relative: Higher

Actual: 36 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-335207
Program Type:	PBS
UTM X:	598155.09149000002
UTM Y:	4504018.6862000003
Expiration Date:	2017/10/02

Affiliation Records:

Site Id:	15975
Affiliation Type:	Owner
Company Name:	ABBEY REALTY LLC
Contact Type:	OWNER
Contact Name:	MICHAEL SLATTERY
Address1:	1132 ADMONT AVENUE
Address2:	Not reported
City:	FRANKLIN SQUARE
State:	NY
Zip Code:	11010
Country Code:	001
Phone:	(516) 326-9581
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	10/25/2012

Site Id:	15975
Affiliation Type:	Mail Contact
Company Name:	MICHAEL SLATTERY
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	1132 ADMONT AVENUE
Address2:	Not reported
City:	FRANKLIN SQUARE
State:	NY
Zip Code:	11010
Country Code:	001
Phone:	(516) 326-9581
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	15975
Affiliation Type:	On-Site Operator
Company Name:	ABBEY REALTY LLC
Contact Type:	Not reported
Contact Name:	MIKE DAUTAJ
Address1:	Not reported
Address2:	Not reported

MICHAEL SLATTERY (Continued) **U003391199**

City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(347) 992-0948
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	12/3/2012

Site Id:	15975
Affiliation Type:	Emergency Contact
Company Name:	ABBEY REALTY LLC
Contact Type:	Not reported
Contact Name:	MICHAEL SLATTERY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(516) 326-9581
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	9/19/2007

Tank Info:

Tank Number:	001
Tank Id:	20946

Equipment Records:

B00 - Tank External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
H99 - Tank Leak Detection - Other
I05 - Overfill - Vent Whistle
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
L09 - Piping Leak Detection - Exempt Suction Piping
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Location:	3
Tank Type:	Stainless Steel Alloy
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	08/09/1928
Capacity Gallons:	5500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	dxliving

MICHAEL SLATTERY (Continued) **U003391199**

Last Modified: 09/19/2007

HIST AST:

PBS Number:	2-335207
SWIS Code:	6301
Operator:	RAUL ROSA
Facility Phone:	(718) 323-7333
Facility Addr2:	104035 102ND STREET
Facility Type:	APARTMENT BUILDING
Emergency:	MICHAEL SLATTERY
Emergency Tel:	(516) 326-9581
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	MICHAEL SLATTERY
Owner Address:	1132 ADMONT AVENUE
Owner City,St,Zip:	FRANKLIN SQUARE, NY 11010
Federal ID:	Not reported
Owner Tel:	(516) 326-9581
Owner Type:	Private Resident
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	MICHAEL SLATTERY
Mailing Address:	1132 ADMONT AVENUE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	FRANKLIN SQUARE, NY 11010
Mailing Telephone:	(516) 326-9581
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	11/24/1997
Expiration:	10/02/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	5500
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	63
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	5500
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Stainless steel alloy
Tank Internal:	Not reported

MICHAEL SLATTERY (Continued) **U003391199**

Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	6
Overfill Protection:	6
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

A2 **104-50 102 STREET** **AST** **U003390696**
South **104-50 102 STREET** **HIST AST** **N/A**
< 1/8 **OZONE PARK, NY 11417**
0.024 mi.
128 ft. **Site 2 of 2 in cluster A**

Relative:
Higher

Actual:
37 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-321613
Program Type:	PBS
UTM X:	598149.68911000004
UTM Y:	4503998.9631700004
Expiration Date:	2017/12/14

Affiliation Records:

Site Id:	14954
Affiliation Type:	Owner
Company Name:	MICHAEL FALCO
Contact Type:	AGENT
Contact Name:	MICHAEL FALCO
Address1:	8 OAK LANE
Address2:	Not reported
City:	DOUGLASTON
State:	NY
Zip Code:	11463
Country Code:	001
Phone:	(718) 428-6244
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	11/30/2007

Site Id:	14954
Affiliation Type:	Mail Contact
Company Name:	MICHAEL FALCO
Contact Type:	Not reported

104-50 102 STREET (Continued) **U003390696**

Contact Name:	Not reported
Address1:	8 OAK LANE
Address2:	Not reported
City:	DOUGLASTON
State:	NY
Zip Code:	11363
Country Code:	001
Phone:	(718) 835-1400
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	14954
Affiliation Type:	On-Site Operator
Company Name:	104-50 102 STREET
Contact Type:	Not reported
Contact Name:	WALTER AZABACHE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 845-0460
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	14954
Affiliation Type:	Emergency Contact
Company Name:	MICHAEL FALCO
Contact Type:	Not reported
Contact Name:	MICHAEL FALCO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 835-1400
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	19832

Equipment Records:

G03 - Tank Secondary Containment - Vault (w/o access)

104-50 102 STREET (Continued) **U003390696**

A99 - Tank Internal Protection - Other
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
B99 - Tank External Protection - Other
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
L09 - Piping Leak Detection - Exempt Suction Piping
K00 - Spill Prevention - None
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/1979
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KAKYER
Last Modified:	12/31/2012

HIST AST:

PBS Number:	2-321613
SWIS Code:	6301
Operator:	KIEREN MULLIN
Facility Phone:	(718) 835-1517
Facility Addr2:	104050 102 STREET
Facility Type:	APARTMENT BUILDING
Emergency:	MICHAEL FALCO
Emergency Tel:	(718) 428-6244
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	MICHAEL FALCO
Owner Address:	8 OAK LANE
Owner City,St,Zip:	DOUGLASTON, NY 11463
Federal ID:	Not reported
Owner Tel:	(718) 428-6244
Owner Type:	Private Resident
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	MICHAEL FALCO
Mailing Address:	8 OAK LANE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	DOUGLASTON, NY 11363
Mailing Telephone:	(718) 428-6244
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	12/11/1997

104-50 102 STREET (Continued) **U003390696**

Expiration:	12/14/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	2000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	63
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	2000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	9
Tank External:	9
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	0
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Gravity
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

---

3 **GEWAT HOME** **NY Spills** **S108465883**
ENE **103-04 LIBERTY AVE** **N/A**
< 1/8 **OZONE PARK, NY**
0.041 mi.
214 ft.

Relative:
Higher

Actual:
37 ft.

SPILLS:

Facility ID:	0612280
DER Facility ID:	326663
Facility Type:	ER
Site ID:	377096
DEC Region:	2
Spill Number:	0612280
Spill Date:	2/8/2007
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response.

GEWAT HOME (Continued) **S108465883**

	Willing Responsible Party. Corrective action taken.
Spill Closed Date:	2/8/2007
SWIS:	4101
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	2/8/2007
CID:	444
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2/8/2007
Spill Record Last Update:	2/8/2007
Spiller Name:	MR ROBERT GEWAT
Spiller Company:	GEWAT HOME
Spiller Address:	103-04 LIBERTY AVE
Spiller City,St,Zip:	OZONE PARK, NY
Spiller Company:	001
Contact Name:	MR ROBERT GEWAT
Contact Phone:	(516) 741-2173
DEC Memo:	Sangesland spoke to Mr. Gewat. He said the old suction line was above ground and ran along the corner of the basement floor. Near the basement doorway, it moved up about 10 inches and then across a cement step pushed up against the back of the step and covered with a 1/4 round layer of cement. It was along this step that the line started to leak.
Remarks:	LINE MALFUNCTIONED, AND PETRO FUEL IS RUNNING A NEW LINE

Material:

Site ID:	377096
Operable Unit ID:	1134651
Operable Unit:	01
Material ID:	2124528
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported

GEWAT HOME (Continued) **S108465883**

Last Modified: Not reported
Test Method: Not reported

B4 **EDR US Hist Cleaners** **1014968160**
WSW **10118 LIBERTY AVE** **N/A**
< 1/8 **OZONE PARK, NY 11417**
0.047 mi.
247 ft. **Site 1 of 4 in cluster B**

Relative:
Lower

Actual:
34 ft.

EDR Historical Cleaners:

Name: LIBERTY SUDS CLEANERS INC
Year: 2006
Address: 10118 LIBERTY AVE

Name: LIBERTY SUDS CLEANERS INC
Year: 2007
Address: 10118 LIBERTY AVE

Name: LIBERTY SUDS CLEANERS INC
Year: 2008
Address: 10118 LIBERTY AVE

Name: A & S LAUNDROMAT
Year: 2009
Address: 10118 LIBERTY AVE

Name: A & S LAUNDROMATS
Year: 2010
Address: 10118 LIBERTY AVE

B5 **EDR US Hist Cleaners** **1014968024**
WSW **10104 LIBERTY AVE** **N/A**
< 1/8 **OZONE PARK, NY 11417**
0.053 mi.
281 ft. **Site 2 of 4 in cluster B**

Relative:
Lower

Actual:
34 ft.

EDR Historical Cleaners:

Name: FIVE STAR LAUNDRY
Year: 2011
Address: 10104 LIBERTY AVE

Name: FIVE STAR LAUNDRY
Year: 2012
Address: 10104 LIBERTY AVE

B6 WSW < 1/8 0.056 mi. 298 ft. | **DOLDER DONALD - VACANT BUILDING**
104-11 101ST ST
OZONE PARK, NY 11417

Site 3 of 4 in cluster B

RCRA NonGen / NLR
FINDS
MANIFEST
NY Spills

1001202873
NYR000036541

Relative: Lower

Actual: 34 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	DOLDER DONALD - VACANT BUILDING
Facility address:	104-11 101ST ST OZONE PARK, NY 11417
EPA ID:	NYR000036541
Mailing address:	RTE 109 FARMINGDALE, NY 11735
Contact:	Not reported
Contact address:	RTE 109 FARMINGDALE, NY 11735
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	DONALD DOLDER
Owner/operator address:	8 QUENZER ST NESCONSET, NY 11767
Owner/operator country:	US
Owner/operator telephone:	(516) 563-7766
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	DONALD DOLDER
Owner/operator address:	8 QUENZER ST NESCONSET, NY 11767
Owner/operator country:	US
Owner/operator telephone:	(516) 563-7766
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No

DOLDER DONALD - VACANT BUILDING (Continued) **1001202873**

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: DOLDER DONALD - VACANT BUILDING
Classification: Not a generator, verified

Date form received by agency: 06/30/1997
Facility name: DOLDER DONALD - VACANT BUILDING
Classification: Not a generator, verified

Date form received by agency: 03/13/1997
Facility name: DOLDER DONALD - VACANT BUILDING
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004532989

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:
EPA ID: NYR000036541
Country: USA
Mailing Name: DONALD DOLDER-SIDEWALK IN FRONT OF BLDG
Mailing Contact: MIKE ROSATI
Mailing Address: 8 QUENZER ST
Mailing Address 2: Not reported
Mailing City: NESCONSET
Mailing State: NY
Mailing Zip: 11767
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 516-567-7766

Document ID: NYB8431839
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: Not reported
Trans2 State ID: Not reported
Generator Ship Date: 970318
Trans1 Recv Date: 970318
Trans2 Recv Date: Not reported
TSD Site Recv Date: 970318
Part A Recv Date: Not reported
Part B Recv Date: 970421

DOLDER DONALD - VACANT BUILDING (Continued) **1001202873**

Generator EPA ID:	NYR000036541
Trans1 EPA ID:	NYD077444263
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	D018 - BENZENE 0.5 MG/L TCLP
Quantity:	00250
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	97

SPILLS:

Facility ID:	9613176
DER Facility ID:	250212
Facility Type:	ER
Site ID:	309968
DEC Region:	2
Spill Number:	9613176
Spill Date:	2/6/1997
Spill Cause:	Housekeeping
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Date:	3/26/1997
SWIS:	4101
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	2/6/1997
CID:	266
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2/6/1997
Spill Record Last Update:	3/26/1997
Spiller Name:	Not reported
Spiller Company:	JANE & DEE DOLDER
Spiller Address:	8 QUENZER STREET
Spiller City,St,Zip:	NESCONSET, NY 11767-
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Not reported
Remarks:	TANK REMOVAL. 3 YARDS CONTAMINATED SOIL.

Material:

Site ID:	309968
Operable Unit ID:	1044685
Operable Unit:	01
Material ID:	341820
Material Code:	0009

DOLDER DONALD - VACANT BUILDING (Continued) **1001202873**

Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

B7 **104-11 101ST STREET** **NY Hist Spills** **S102560263**
WSW **104-11 101ST STREET** **N/A**
< 1/8 **OZONE PARK, NY**
0.056 mi.
298 ft. **Site 4 of 4 in cluster B**

Relative:
Lower

Actual:
34 ft.

NY Hist Spills:

Region of Spill:	2
Spill Number:	9613176
Investigator:	SIGONA
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Spill Date/Time:	02/06/1997 13:00
Reported to Dept Date/Time:	02/06/97 14:35
SWIS:	63
Spiller Name:	JANE & DEE DOLDER
Spiller Contact:	Not reported
Spiller Phone:	(516) 563-7766
Spiller Address:	8 QUENZER STREET
Spiller City,St,Zip:	NESCONSET, NY 11767-
Spill Cause:	Housekeeping
Reported to Dept:	Groundwater
Water Affected:	Not reported
Spill Source:	01
Spill Notifier:	Other
PBS Number:	Not reported
Cleanup Ceased:	/ /
Cleanup Meets Std:	False
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Dt:	/ /

104-11 101ST STREET (Continued) **S102560263**

Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 03/26/97
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 02/06/97
Date Spill Entered In Computer Data File: Not reported
Update Date: 03/26/97
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: True
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: Tyree Environmental Services prepared a comprehensive closure report to document the tank removal work performed at this site. The report dated March 1997 indicates that all residual endpoint samples taken from the soils surrounding two tanks gasoline fuel oil) were all below DEC soil guidance values for contamimnated soils. The results demonstrate that Tyree effectively removed all contaminated soils associated with the tank and piping system closure. Therefore, DEC is closing the spillinvestigation reported to DEC s Spill Hotline on February 6, 1997. For further information please see the Tyree Report prepared by Leslie Kovalsky Joe Pisel DEC case file by A. Sigona.
Remark: TANK REMOVAL. 3 YARDS CONTAMINATED SOIL.

C8 **AMIGO COLLISION & MECHANIC CORP.** **AST** **A100293028**
WSW **100-10 LIBERTY AVE** **N/A**
< 1/8 **OZONE PARK, NY 11417**
0.081 mi.
430 ft. **Site 1 of 6 in cluster C**

Relative:
Lower

Actual:
34 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-607276
Program Type: PBS
UTM X: 598029.48121
UTM Y: 4504006.5907300003

AMIGO COLLISION & MECHANIC CORP. (Continued) **A100293028**

Expiration Date: 2007/01/04

Affiliation Records:

Site Id: 29129
Affiliation Type: Owner
Company Name: AMIGO COLLISION & MECHANIC CORP.
Contact Type: Not reported
Contact Name: Not reported
Address1: 100-10 LIBERTY AVE
Address2: Not reported
City: OZONE PARK
State: NY
Zip Code: 11417
Country Code: 001
Phone: (718) 848-1886
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 29129
Affiliation Type: Mail Contact
Company Name: AMIGO COLLISION & MECHANIC CORP.
Contact Type: Not reported
Contact Name: AMANCIO MEZARINA
Address1: 100-10 LIBERTY AVE
Address2: Not reported
City: OZONE PARK
State: NY
Zip Code: 11417
Country Code: 001
Phone: (718) 848-1886
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 29129
Affiliation Type: On-Site Operator
Company Name: AMIGO COLLISION & MECHANIC CORP.
Contact Type: Not reported
Contact Name: AMANCIO MEZARINA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 848-1886
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 29129

AMIGO COLLISION & MECHANIC CORP. (Continued) **A100293028**

Affiliation Type:	Emergency Contact
Company Name:	AMIGO COLLISION & MECHANIC CORP.
Contact Type:	Not reported
Contact Name:	AMANCIO MEZARINA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 848-1886
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	62674

Equipment Records:

H00 - Tank Leak Detection - None
D00 - Pipe Type - No Piping
J00 - Dispenser - None
A00 - Tank Internal Protection - None
G10 - Tank Secondary Containment - Impervious Underlayment
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
I00 - Overfill - None

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	250
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

C9 **EDR US Hist Auto Stat** **1015121343**
WSW **10014 LIBERTY AVE** **N/A**
< 1/8 **OZONE PARK, NY 11417**
0.083 mi.
440 ft. **Site 2 of 6 in cluster C**

Relative:
Lower

Actual:
34 ft.

EDR Historical Auto Stations:

Name:	GEORGES AUTOBODY
Year:	1999
Address:	10014 LIBERTY AVE
Name:	GEORGES AUTOBODY

(Continued) **1015121343**

Year: 2000
Address: 10014 LIBERTY AVE

Name: SARCO AUTO ELECTRIC
Year: 2001
Address: 10014 LIBERTY AVE

Name: AMIGO COLLISION & MECHANIC CORP
Year: 2002
Address: 10014 LIBERTY AVE

Name: AMIGO COLLISION & MECHANIC CORP
Year: 2003
Address: 10014 LIBERTY AVE

C10 **EDR US Hist Auto Stat** **1015121311**
WSW **10011 LIBERTY AVE** **N/A**
< 1/8 **OZONE PARK, NY 11417**
0.085 mi.
447 ft. **Site 3 of 6 in cluster C**

Relative:
Lower

Actual:
34 ft.

EDR Historical Auto Stations:
Name: INTERNATIONAL AUTO RECOVE
Year: 2004
Address: 10011 LIBERTY AVE

Name: INTERNATIONAL AUTO RECOVERY
Year: 2005
Address: 10011 LIBERTY AVE

Name: INTERNATIONAL AUTO RECOVERY
Year: 2006
Address: 10011 LIBERTY AVE

Name: INTERNATIONAL AUTO RECOVERY
Year: 2007
Address: 10011 LIBERTY AVE

Name: INTERNATIONAL AUTO RECOVERY
Year: 2008
Address: 10011 LIBERTY AVE

Name: INTERNATIONAL AUTO RECOVERY
Year: 2009
Address: 10011 LIBERTY AVE

Name: INTERNATIONAL AUTO RECOVERY
Year: 2010
Address: 10011 LIBERTY AVE

Name: INTERNATIONAL AUTOMOBILE RECOVERY
Year: 2011
Address: 10011 LIBERTY AVE

Name: INTERNATIONAL AUTO RECOVERY
Year: 2012
Address: 10011 LIBERTY AVE

D11 **NY Spills** **S106698640**
ENE **LIBERTY AVE & 104TH ST** **N/A**
< 1/8 **QUEENS, NY**
0.087 mi.
460 ft. **Site 1 of 3 in cluster D**

Relative:
Higher

Actual:
39 ft.

SPILLS:

Facility ID:	0405738
DER Facility ID:	217500
Facility Type:	ER
Site ID:	267008
DEC Region:	2
Spill Number:	0405738
Spill Date:	8/25/2004
Spill Cause:	Traffic Accident
Spill Class:	Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Date:	8/26/2004
SWIS:	4101
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	8/25/2004
CID:	407
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	8/25/2004
Spill Record Last Update:	8/26/2004
Spiller Name:	ERT DESK
Spiller Company:	CON EDISON
Spiller Address:	4 IRVING PLACE
Spiller City,St,Zip:	MANHATTAN, NY 10003
Spiller Company:	999
Contact Name:	ERT DESK
Contact Phone:	(212) 580-8383
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"e2mis no. 155061:1 gallon anti-freeze spill from vehicle #23553 onto the roadway and into a catch basin. The spill was confined to the catch basin and cleaned up.
Remarks:	Not reported

Material:

Site ID:	267008
Operable Unit ID:	889259
Operable Unit:	01
Material ID:	486557
Material Code:	0043A
Material Name:	ANTIFREEZE
Case No.:	Not reported
Material FA:	Other
Quantity:	1
Units:	Gallons
Recovered:	No

(Continued) **S106698640**

Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

C12 **EDR US Hist Auto Stat** **1015137340**
WSW **10419 100TH ST** **N/A**
< 1/8 **OZONE PARK, NY 11417**
0.087 mi.
461 ft. **Site 4 of 6 in cluster C**

Relative:
Lower

Actual:
34 ft.

EDR Historical Auto Stations:
Name: BLUE LANE CAR SERVICE
Year: 2004
Address: 10419 100TH ST

C13 **EDR US Hist Auto Stat** **1015137453**
WSW **10423 100TH ST** **N/A**
< 1/8 **OZONE PARK, NY 11417**
0.087 mi.
461 ft. **Site 5 of 6 in cluster C**

Relative:
Lower

Actual:
34 ft.

EDR Historical Auto Stations:
Name: KAMS LUBE INCORPORATED
Year: 2000
Address: 10423 100TH ST

Name: KAMS LUBE INC
Year: 2002
Address: 10423 100TH ST

Name: KAMS LUBE INC
Year: 2003
Address: 10423 100TH ST

Name: KAMS LUBE INC
Year: 2004
Address: 10423 100TH ST

Name: KAMS LUBE INC
Year: 2008
Address: 10423 100TH ST

Name: KAMS LUBE INC
Year: 2010

(Continued) **1015137453**

Address: 10423 100TH ST

Name: KAMS LUBE INCORPORATED
Year: 2011
Address: 10423 100TH ST

Name: KAMSLUBE INC
Year: 2012
Address: 10423 100TH ST

D14 ROMA CLEANERS CORP **RCRA NonGen / NLR** **1000141868**
ENE 104-07 LIBERTY AVE **FINDS** **NYD986890283**
< 1/8 OZONE PARK, NY 11417
0.090 mi.
476 ft. **Site 2 of 3 in cluster D**

Relative: Higher

Actual: 39 ft.

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: ROMA CLEANERS CORP
Facility address: 104-07 LIBERTY AVE
OZONE PARK, NY 114171730
EPA ID: NYD986890283
Mailing address: LIBERTY AVE
OZONE PARK, NY 11417
Contact: Not reported
Contact address: LIBERTY AVE
OZONE PARK, NY 11417
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: CATALINA MONDAEA
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: CATALINA MONDAEA
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No

ROMA CLEANERS CORP (Continued) **1000141868**

Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	01/01/2006
Facility name:	ROMA CLEANERS CORP
Classification:	Not a generator, verified
Date form received by agency:	07/08/1999
Facility name:	ROMA CLEANERS CORP
Classification:	Not a generator, verified
Date form received by agency:	02/08/1990
Facility name:	ROMA CLEANERS CORP
Classification:	Large Quantity Generator
Violation Status:	No violations found

FINDS:

Registry ID: 110004442210

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

D15 **EDR US Hist Cleaners** **1014970612**
ENE **10416 LIBERTY AVE** **N/A**
< 1/8 **OZONE PARK, NY 11417**
0.096 mi.
509 ft. **Site 3 of 3 in cluster D**

Relative:
Higher

Actual:
39 ft.

EDR Historical Cleaners:

Name:	ZOUS LAUNDROMAT
Year:	1999
Address:	10416 LIBERTY AVE
Name:	ZOUS LAUNDROMAT
Year:	2000
Address:	10416 LIBERTY AVE

(Continued) **1014970612**

Name: LEUNGS LAUNDROMAT
Year: 2001
Address: 10416 LIBERTY AVE

Name: LEUNGS LAUNDROMAT
Year: 2002
Address: 10416 LIBERTY AVE

Name: ZOUS LAUNDROMAT
Year: 2003
Address: 10416 LIBERTY AVE

Name: ZOUS LAUNDROMAT
Year: 2004
Address: 10416 LIBERTY AVE

Name: ZOUS LAUNDROMAT
Year: 2005
Address: 10416 LIBERTY AVE

Name: L C LAUNDROMAT
Year: 2008
Address: 10416 LIBERTY AVE

Name: ZOUS LAUNDROMAT
Year: 2009
Address: 10416 LIBERTY AVE

Name: K & N SUPER SUDS
Year: 2010
Address: 10416 LIBERTY AVE

Name: K & N SUPER SUDS
Year: 2011
Address: 10416 LIBERTY AVE

Name: K & N SUPER SUDS
Year: 2012
Address: 10416 LIBERTY AVE

E16 **106TH PCT** **UST** **U004081715**
NW **103-55 101ST STREET** **N/A**
< 1/8 **OZONE PARK, NY 11417**
0.097 mi.
511 ft. **Site 1 of 4 in cluster E**

Relative:
Lower

Actual:
34 ft.

UST:
Facility Id: 2-217557
Region: STATE
DEC Region: 2
Site Status: Active
Program Type: PBS
Expiration Date: 2012/10/15
UTM X: 598030.78763000004
UTM Y: 4504131.7344199996

Affiliation Records:
Site Id: 8239

106TH PCT (Continued) **U004081715**

Affiliation Type:	Owner
Company Name:	N Y C P D/ ASD
Contact Type:	POLICE OFFICER
Contact Name:	J. CORDES FOR C.O.
Address1:	1 POLICE PLAZA ROOM 800
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10038
Country Code:	001
Phone:	(646) 610-7650
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	7/2/2009

Site Id:	8239
Affiliation Type:	Mail Contact
Company Name:	BUILDING MAINTENANCE SECTION
Contact Type:	Not reported
Contact Name:	COMMANDING OFFICER
Address1:	59-06 BROOKLYN QUEENS EXPRESSWAY
Address2:	Not reported
City:	WOODSIDE
State:	NY
Zip Code:	11377
Country Code:	001
Phone:	(718) 476-7576
Phone Ext:	Not reported
Email:	FSDFUEL@NYPD.ORG
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	4/25/2012

Site Id:	8239
Affiliation Type:	On-Site Operator
Company Name:	NYPD 106TH PCT. STATION HOUSE
Contact Type:	Not reported
Contact Name:	N Y C P D
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 845-2200
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	8239
Affiliation Type:	Emergency Contact
Company Name:	N Y C P D/ ASD
Contact Type:	Not reported

106TH PCT (Continued) **U004081715**

Contact Name:	N Y C P D
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 476-7576
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	3/2/2005

Tank Info:

Site ID:	8239
Tank Number:	001
Tank ID:	23676
Tank Status:	Closed - In Place
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction

Install Date:	10/01/1995
Capacity Gallons:	1100
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	10/01/1995
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	8239
Tank Number:	003
Tank ID:	47038
Tank Status:	Tank Converted to Non-Regulated Use
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
C00 - Pipe Location - No Piping

106TH PCT (Continued) **U004081715**

F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None

Install Date:	12/01/1976
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/01/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

E17 **106 PCT** **HIST UST** **U003074605**
NW **103-55 101ST ST** **AST** **N/A**
< 1/8 **QUEENS, NY 11417** **HIST AST**
0.097 mi.
511 ft. **Site 2 of 4 in cluster E**

Relative:
Lower

Actual:
34 ft.

HIST UST:

PBS Number:	2-217557
SPDES Number:	Not reported
Emergency Contact:	N Y C P D
Emergency Telephone:	(212) 374-4933
Operator:	N Y C P D
Operator Telephone:	(718) 845-2200
Owner Name:	N Y C P D/ ASD
Owner Address:	1 POLICE PLAZA ROOM 800
Owner City,St,Zip:	NEW YORK, NY 10038
Owner Telephone:	(212) 374-7650
Owner Type:	Local Government
Owner Subtype:	The City of New York
Mailing Name:	COMMANDING OFFICER
Mailing Address:	BUILDING MAINTENANCE SECTION
Mailing Address 2:	59-06 BROOKLYN QUEENS EXP. WAY
Mailing City,St,Zip:	QUEENS, NY 11377
Mailing Contact:	Not reported
Mailing Telephone:	(718) 476-7576
Owner Mark:	First Owner
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Facility Addr2:	103055 101ST ST
SWIS ID:	6301
Old PBS Number:	Not reported
Facility Type:	Not reported
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	01/13/1994
Expiration Date:	10/15/1997
Renew Flag:	False
Renewal Date:	Not reported

106 PCT (Continued) **U003074605**

Total Capacity:	0
FAMT:	True
Facility Screen:	Minor Data Missing
Owner Screen:	No Missing Data
Tank Screen:	0
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	63
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	Closed-In Place
Install Date:	19951001
Capacity (gals):	1100
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	10/01/1995
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	003
Tank Location:	UNDERGROUND
Tank Status:	Tank Converted To Non-Regulated Use
Install Date:	19761201
Capacity (gals):	550
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	Not reported

106 PCT (Continued) **U003074605**

Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 08/01/1996
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-217557
Program Type: PBS
UTM X: 598030.78763000004
UTM Y: 4504131.7344199996
Expiration Date: 2012/10/15

Affiliation Records:
Site Id: 8239
Affiliation Type: Owner
Company Name: N Y C P D/ ASD
Contact Type: POLICE OFFICER
Contact Name: J. CORDES FOR C.O.
Address1: 1 POLICE PLAZA ROOM 800
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10038
Country Code: 001
Phone: (646) 610-7650
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 7/2/2009

Site Id: 8239
Affiliation Type: Mail Contact
Company Name: BUILDING MAINTENANCE SECTION
Contact Type: Not reported
Contact Name: COMMANDING OFFICER
Address1: 59-06 BROOKLYN QUEENS EXPRESSWAY
Address2: Not reported
City: WOODSIDE
State: NY
Zip Code: 11377
Country Code: 001
Phone: (718) 476-7576
Phone Ext: Not reported
Email: FSDFUEL@NYPD.ORG
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 4/25/2012

Site Id: 8239
Affiliation Type: On-Site Operator

106 PCT (Continued) **U003074605**

Company Name:	NYPD 106TH PCT. STATION HOUSE
Contact Type:	Not reported
Contact Name:	N Y C P D
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 845-2200
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	8239
Affiliation Type:	Emergency Contact
Company Name:	N Y C P D/ ASD
Contact Type:	Not reported
Contact Name:	N Y C P D
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 476-7576
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	3/2/2005

Tank Info:

Tank Number:	002
Tank Id:	23677

Equipment Records:

G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	07/01/1959
Capacity Gallons:	3000
Tightness Test Method:	NN
Date Test:	Not reported

106 PCT (Continued) **U003074605**

Next Test Date:	Not reported
Date Tank Closed:	02/01/1994
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Tank Number:	004
Tank Id:	182274

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
G03 - Tank Secondary Containment - Vault (w/o access)
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
C03 - Pipe Location - Aboveground/Underground Combination
F04 - Pipe External Protection - Fiberglass
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B04 - Tank External Protection - Fiberglass
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Location:	3
Tank Type:	Concrete
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	10/01/2003
Capacity Gallons:	2500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KXTANG
Last Modified:	03/02/2005

Tank Number:	005
Tank Id:	182275

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G01 - Tank Secondary Containment - Diking (Aboveground)
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
I99 - Overfill - Other
B00 - Tank External Protection - None
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	10/01/2003
Capacity Gallons:	25
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported

106 PCT (Continued) **U003074605**

Date Tank Closed:	Not reported
Register:	True
Modified By:	KXTANG
Last Modified:	03/02/2005

Tank Number:	006
Tank Id:	182276

Equipment Records:

C01 - Pipe Location - Aboveground
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G01 - Tank Secondary Containment - Diking (Aboveground)
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
I99 - Overfill - Other
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	10/01/2003
Capacity Gallons:	25
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KXTANG
Last Modified:	03/02/2005

HIST AST:

PBS Number:	2-217557
SWIS Code:	6301
Operator:	N Y C P D
Facility Phone:	(718) 845-2200
Facility Addr2:	103055 101ST ST
Facility Type:	Not reported
Emergency:	N Y C P D
Emergency Tel:	(212) 374-4933
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	N Y C P D/ ASD
Owner Address:	1 POLICE PLAZA ROOM 800
Owner City,St,Zip:	NEW YORK, NY 10038
Federal ID:	Not reported
Owner Tel:	(212) 374-7650
Owner Type:	Local Government
Owner Subtype:	C
Mailing Contact:	Not reported
Mailing Name:	COMMANDING OFFICER
Mailing Address:	BUILDING MAINTENANCE SECTION
Mailing Address 2:	59-06 BROOKLYN QUEENS EXP. WAY
Mailing City,St,Zip:	QUEENS, NY 11377

106 PCT (Continued) **U003074605**

Mailing Telephone:	(718) 476-7576
Owner Mark:	First Owner
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Certification Flag:	False
Certification Date:	01/13/1994
Expiration:	10/15/1997
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	0
FAMT:	True
Facility Screen:	Minor Data Missing
Owner Screen:	No Missing Data
Tank Screen:	0
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	63
Town or City Code:	01
Region:	2

Tank ID:	002
Tank Location:	ABOVEGROUND
Tank Status:	Closed-Removed
Install Date:	19590701
Capacity (Gal):	3000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	02/01/1994
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

E18 NW < 1/8 0.100 mi. 526 ft. | **NYC POLICE PRECT. 106**
103-53 101ST ST
OZONE PARK, NY

Site 3 of 4 in cluster E

HIST LTANKS | **S103478934**
N/A

Relative:
Lower

Actual:
34 ft.

HIST LTANKS:

Region of Spill:	2
Spill Number:	9805028
Spill Date:	07/22/1998
Spill Time:	13:30
Spill Cause:	Tank Overfill
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Other Non Commercial/Industrial
Spill Class:	Not reported
Spill Closed Dt:	/ /
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	KOLLEENY
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	07/22/98
Reported to Department Time:	15:02
SWIS:	63
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	COASTAL OIL OF NY INC
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	(800) 247-5232
Facility Extention:	Not reported
Spill Notifier:	Affected Persons
PBS Number:	2-217557
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	07/22/98
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	09/01/98
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported

NYC POLICE PRECT. 106 (Continued) **S103478934**

Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: MARK STRAHLE OF PROMATECH REPORTS THAT 100 TONS OF CONTAMINATED SOIL WERE EXCAVATED AND REMOVED; THREE END-POINT SAMPLES WERE COLLECTED AND ANALYZED FOR STARS VOCs SEMI VOCs, LAB RESULTS FELL BELOW DETECTION LIMITS. JK INSTRUCTED PROMATECH TO PERFORM TEMPORARY CLOSURE BY PUMPING OUT TANK AND CAPPING ALL LINES.
Spill Cause: Work being done to install a handi-cap ramp; contaminated soil encountered. Caller will contact region office to speak to a rep. Appears to be from tank overfills or spillage during tank fills.

E19 **NYC PD PRECINCT 106** **LTANKS** **S104951008**
NW **103-53 101ST ST** **HIST LTANKS** **N/A**
< 1/8 **QUEENS, NY** **NY Spills**
0.100 mi.
527 ft. **Site 4 of 4 in cluster E**

Relative:
Lower

Actual:
34 ft.

LTANKS:
Site ID: 111958
Spill No: 0012662
Spill Date: 2/27/2001
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: Not reported
Facility Addr2: Not reported
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 4101
Investigator: JAKOLLEE
Referred To: AWAIT INSTALLN OF 3 MORE WELLS, REM PRPSL
Reported to Dept: 2/27/2001
CID: 281
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 1
Date Entered In Computer: 2/27/2001
Spill Record Last Update: 11/16/2011
Spiller Name: SCOTT SWANSON
Spiller Company: CITY OF NEW YORK

NYC PD PRECINCT 106 (Continued) **S104951008**

Spiller Address: Not reported
Spiller City,St,Zip: NEW YORK, NY
Spiller County: 001
Spiller Contact: SCOTT SWANSON
Spiller Phone: (347) 672-5439
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 272349
DEC Memo: 7/5/06: This spill case transferred from I. Islam to J. Kolleeny. See also spill 9805028. - JK06/06/08: Reviewed Request for Spill Closure dated 5/22/08, submitted by Roux Assoc. (in eDocs). Report includes Nov. '03 Tank Closure Report by Gemstar; they drilled through sides, ends and bottom of tank during closure in place to collect 5 end-pt soil samples, sample results showed minor exceedances for several SVOCs. However, no sample was taken at fill port.I sent letter (in eDocs) to Afsar Samani of DDC (cc's to Fatemeh Ashkan of DDC, Renee Wong of Roux, Ed Looney of Greyhawk) stating that spill report indicated problem at fill port, pointing out that no sample was taken at fill port during tank closure. Requested collection of soil sample at fill port; also, noted that related spill 9805028 (for contaminated soil found during construction of handicapped ramp at precinct) has Caller Remarks speculating that contamination may have been due to overfills, suggesting that ramp is near tank's fill port, and has DEC Remarks stating that according to consultant Promatech, 100 tons of contam soil were removed, 3 end-pt samples collected, and all results ND, but that lab results had never been submitted to DEC, and I asked DDC to try to obtain those data and submit to DEC in support of spill closure. - J. Kolleeny06/12/08: At direction of supervisor Vadim Brevdo, closed related spill no. 9805028 to consolidate with this open spill (0012662), under which investigation/remediation of subsurface petroleum contamination at site is being tracked. Also, see closed spill no. 0308327, reported in Nov. 2003 when contaminated soil was encountered, presumably during closure of heating oil tank; spill was closed by Tim Demeo of Spill Response. - J. Kolleeny03/07/11: Reviewed Site Specific Investigation Plan dated December 2010 by LiRo (in eDocs). Plan proposes 3 soil borings and 1 monitoring well in vicinity of former fill port for closed-in-place 3,000-gal fuel oil UST and nearby ramp. I sent approval letter (in eDocs) to Afsar Samani of DDC, cc's to Fatemeh Ashkan of DDC and Steve Frank of LiRo. - J. Kolleeny11/16/11: Reviewed ISRP rpt by LiRo dated 10/05/11 (in eDocs). Rpt presents results of 3 soil borings and 1 well installed at site in April 2011, with GW sampled in June 2011. Results show significant soil impacts (265,100 ug/kg total VOCs in LSB-03, 23-25 ft interval) and low-moderate GW impact (437 ug/L tVOCs in LMW-01). Based on data, LiRo recommends install'n of 3 more wells (feasibility of proposed well locations to be determined by site recon), with evaluation of remedial alternatives as warranted based on results. I sent approval letter (in eDocs) to Afsar Samani of DDC, cc's to Fatemeh Ashkan of DDC and Steve Frank of LiRo. - JK
Remarks: TANK TEST FAILURE AT ABOVE LOCATION. PROBLEM APPEARS TO BE REMOTEFILL. TANK TO BE EXCAVATED/REPAIRED/RETESTED.

Material:
Site ID: 111958
Operable Unit ID: 834208
Operable Unit: 01

NYC PD PRECINCT 106 (Continued) **S104951008**

Material ID:	542927
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	111958
Spill Tank Test:	1526121
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	F
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown
Site ID:	111958
Spill Tank Test:	1526122
Tank Number:	1
Tank Size:	3000
Test Method:	03
Leak Rate:	0
Gross Fail:	F
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Horner EZ Check I or II

HIST LTANKS:

Region of Spill:	2
Spill Number:	0012662
Spill Date:	02/27/2001
Spill Time:	13:30
Spill Cause:	Tank Test Failure
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Other Non Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	/ /
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	DEMEO
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported

NYC PD PRECINCT 106 (Continued) **S104951008**

Notifier Extension: Not reported
Reported to Department Date: 02/27/01
Reported to Department Time: 15:00
SWIS: 63
Spiller Contact: SCOTT SWANSON
Spiller Phone: (347) 672-5439
Spiller Extention: Not reported
Spiller Name: CITY OF NEW YORK
Spiller Address: Not reported
Spiller City,St,Zip: NEW YORK, NY
Spiller Cleanup Date: / /
Facility Contact: SCOTT SWANSON
Facility Phone: (347) 672-5439
Facility Extention: Not reported
Spill Notifier: Tank Tester
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 02/27/01
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 02/28/01
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: 0
Test Method: Unknown
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Talk Test Failures only pass or fail
PBS Number: Not reported
Tank Number: 1
Tank Size: 3000
Test Method: Horner EZ Check
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Talk Test Failures only pass or fail

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Spill Cause: TANK TEST FAILURE AT ABOVE LOCATION. PROBLEM APPEARS TO BE REMOTE FILL. TANK TO BE EXCAVATED/REPAIRED/RETESTED.

NYC PD PRECINCT 106 (Continued) **S104951008**

SPILLS:

Facility ID:	9805028
DER Facility ID:	272349
Facility Type:	ER
Site ID:	111960
DEC Region:	2
Spill Number:	9805028
Spill Date:	7/22/1998
Spill Cause:	Human Error
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Unknown Responsible Party. Corrective action taken. (ISR)
Spill Closed Date:	6/12/2008
SWIS:	4101
Investigator:	JAKOLLEE
Referred To:	Not reported
Reported to Dept:	7/22/1998
CID:	233
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	7/22/1998
Spill Record Last Update:	6/13/2008
Spiller Name:	Not reported
Spiller Company:	COASTAL OIL OF NY INC
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KOLLEENY"MARK STRAHLE OF PROMATECH REPORTS THAT 100 TONS OF CONTAMINATED SOIL WERE EXCAVATED AND REMOVED; THREE END-POINT SAMPLES WERE COLLECTED AND ANALYZED FOR STARS VOCs & SEMI VOCs, LAB RESULTS FELL BELOW DETECTION LIMITS. JK INSTRUCTED PROMATECH TO PERFORM TEMPORARY CLOSURE BY PUMPING OUT TANK AND CAPPING ALL LINES. 06/06/08: In letter to DDC responding to closure request for spill 0012662, asked DDC to obtain and submit data for 3 end-point samples mentioned above by Promatech. - J. Kolleeny06/12/08: At direction of supervisor Vadim Brevdo, I closed this spill to consolidate with open spill no. 0012662, under which investigation/remediation of subsurface petroleum contamination at this site is being tracked. Later same day, received Request for Spill Closure (in eDocs) from Renee Wong of Roux Assoc. I sent email to her, cc's to Afsar Samani & Fatemeh Ashkan of DDC, Ed Looney of Greyhawk, saying: "Regarding Spill Closure Request for DEC Spill No. 9805028 at 106th Precinct, I have closed that spill to consolidate with open spill 0012662 at same site, since they appear to refer to contamination related to same no. 2 fuel oil UST. (I recently issued letter requesting that soil sample be collected at fill port location for that tank, to address open spill 0012662.) A "No Further Action" letter will NOT be issued for closure of spill no. 9805028, and I repeat my request that an attempt

NYC PD PRECINCT 106 (Continued) **S104951008**

be made to locate and submit results of end-point sampling performed by Promatech after removal of contaminated soil from handi-capped ramp area mentioned in spill report, in order to resolve open spill case 0012662. If you have any questions, please contact me. - J. Kolleeny

Remarks: Work being done to install a handi-cap ramp; contaminated soil encountered. Caller will contact region office to speak to a rep. Appears to be from tank overfills or spillage during tank fills.

Material:

Site ID:	111960
Operable Unit ID:	1066064
Operable Unit:	01
Material ID:	319780
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

Facility ID:	0308327
DER Facility ID:	272349
Facility Type:	ER
Site ID:	111959
DEC Region:	2
Spill Number:	0308327
Spill Date:	11/6/2003
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Date:	1/31/2006
SWIS:	4101
Investigator:	TJDEMEO
Referred To:	Not reported
Reported to Dept:	11/6/2003
CID:	428
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	1/31/2006

NYC PD PRECINCT 106 (Continued) **S104951008**

Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	11/6/2003
Spill Record Last Update:	6/2/2008
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller Company:	001
Contact Name:	MICHELE VISONE
Contact Phone:	(718) 442-8200
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO"01/31/06 Rem Bureau Staff closed spill - work was ongoing in 2003 assumed completed.
Remarks:	found at nypd 106th precinctcontaminated soil clean up in process

Material:

Site ID:	111959
Operable Unit ID:	874588
Operable Unit:	01
Material ID:	501835
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

Click this hyperlink while viewing on your computer to access additional NY_SPILL: detail in the EDR Site Report.

F20
WSW
< 1/8
0.106 mi.
561 ft.

EDR US Hist Auto Stat **1015137342**
N/A

10419 99TH ST
OZONE PARK, NY 11417

Site 1 of 4 in cluster F

Relative:
Higher

Actual:
35 ft.

EDR Historical Auto Stations:

Name: BLUE LANE CAR SVCE
Year: 2011
Address: 10419 99TH ST

Name: BLUE LANE CAR SVCE
Year: 2012
Address: 10419 99TH ST

C21
WSW
< 1/8
0.106 mi.
562 ft.

EDR US Hist Auto Stat **1015135439**
N/A

10371 99TH ST
OZONE PARK, NY 11417

Site 6 of 6 in cluster C

Relative:
Higher

Actual:
35 ft.

EDR Historical Auto Stations:

Name: ROCK 98 AUTO REPAIR SERVICE
Year: 2007
Address: 10371 99TH ST

Name: ROCK 98 AUTO REPAIR SERVICE
Year: 2008
Address: 10371 99TH ST

Name: NEW DOCTOR VINNEYS AUTO RPR
Year: 2010
Address: 10371 99TH ST

Name: THE NEW DOCTOR VINNIES AUTO REPAIR I
Year: 2012
Address: 10371 99TH ST

F22
WSW
< 1/8
0.107 mi.
566 ft.

EDR US Hist Auto Stat **1015135327**
N/A

10363 99TH ST
OZONE PARK, NY 11417

Site 2 of 4 in cluster F

Relative:
Higher

Actual:
35 ft.

EDR Historical Auto Stations:

Name: TOMMYS AUTO REPAIR
Year: 1999
Address: 10363 99TH ST

Name: TOMMYS AUTO REPAIR
Year: 2000
Address: 10363 99TH ST

Name: TOMMYS AUTO REPAIR
Year: 2003
Address: 10363 99TH ST

Name: TOMMYS AUTO REPAIR

(Continued) **1015135327**

Year: 2004
Address: 10363 99TH ST

Name: TOMMYS AUTO REPAIR
Year: 2006
Address: 10363 99TH ST

Name: TOMMYS AUTO REPAIR
Year: 2007
Address: 10363 99TH ST

Name: TOMMYS AUTO REPAIR
Year: 2008
Address: 10363 99TH ST

Name: TOMMYS AUTO REPAIR
Year: 2009
Address: 10363 99TH ST

Name: TOMMYS AUTO REPAIR
Year: 2010
Address: 10363 99TH ST

Name: TOMMYS AUTOMOBILE REPAIR
Year: 2011
Address: 10363 99TH ST

Name: TOMMYS AUTO REPAIR
Year: 2012
Address: 10363 99TH ST

F23 **CON EDISON** **RCRA-CESQG** **1014397303**
WSW **LIBERTY AVE & 99TH ST** **NYP004196218**
< 1/8 **OZONE PARK, NY 11417**
0.107 mi.
566 ft. **Site 3 of 4 in cluster F**

Relative:
Higher

Actual:
35 ft.

RCRA-CESQG:
Date form received by agency: 09/21/2009
Facility name: CON EDISON
Facility address: LIBERTY AVE & 99TH ST
OZONE PARK, NY 11417
EPA ID: NYP004196218
Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact: CAROLINE ISKANDER
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: (718) 666-4714
Contact email: Not reported
EPA Region: 02
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or

CON EDISON (Continued) **1014397303**

other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

F24 **MANHOLE #13924** **NY Spills** **S103485015**
WSW **99TH ST AND LIBERTY AVE** **NY Hist Spills** **N/A**
< 1/8 **QUEENS, NY**
0.108 mi.
572 ft. **Site 4 of 4 in cluster F**

Relative:
Higher

Actual:
35 ft.

SPILLS:

Facility ID:	9808249
DER Facility ID:	68538
Facility Type:	ER
Site ID:	72660
DEC Region:	2
Spill Number:	9808249
Spill Date:	10/5/1998
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Date:	10/23/2002
SWIS:	4101
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	10/5/1998
CID:	384
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported

MANHOLE #13924 (Continued) **S103485015**

Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	10/5/1998
Spill Record Last Update:	10/23/2002
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"Con Ed e2mis #120309:oct-05-98 mh 13924 w/s 99 st 305' n/o liberty ave. Found unknown 1 qt substance in 50 gal of water .It is contained and sewer and waterways are not affected. tag #03370 was hung.CIG (MASSERIA) NOTIFIED 1243HRS 10/5/9810-07-98 23:02HRS THIS JOB SHOULD BE TREATED AS A 50-499, EPA NUMBER WAS OBTAINED AT 23:10HRS. CLEANUP WILL BEGIN ON MIDNIGHT SHIFT. S.PACE 49874. EPA # NYP004018701.LAB RESULT RECEIVED 10/7/98 - 1115. 98-10691. <1.0 PPM. UPDATE 10-8-98 RAFTFLUSH TK REPORTS IN MH13924 (<1 PPM) CLEANUP IS COMPLETED WITH SLIX AND E.S.TAG #03370 WAS REMOVED 1850 HRS. UPDATE - 10/8/98 - SUPERVISOR RANDY WALTER REPORTS CLEAN UP COMPLETE BY ENVIRONMENTAL OPS EMPLOYEES RAFT & DAVIS. STOPTAG #03370 REMOVED.
Remarks:	CON EDISON #120309.

Material:

Site ID:	72660
Operable Unit ID:	1069442
Operable Unit:	01
Material ID:	315769
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

NY Hist Spills:

Region of Spill:	2
Spill Number:	9808249

MANHOLE #13924 (Continued) **S103485015**

Investigator:	O'CONNELL
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Spill Date/Time:	10/05/1998 11:30
Reported to Dept Date/Time:	10/05/98 12:48
SWIS:	63
Spiller Name:	UNKNOWN
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spill Cause:	Unknown
Reported to Dept:	On Land
Water Affected:	Not reported
Spill Source:	12
Spill Notifier:	Other
PBS Number:	Not reported
Cleanup Ceased:	/ /
Cleanup Meets Std:	False
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Dt:	/ /
Enforcement Date:	/ /
Invstgn Complete:	/ /
UST Involvement:	False
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	/ /
Corrective Action Plan Submitted:	/ /
Date Region Sent Summary to Central Office:	/ /
Date Spill Entered In Computer Data File:	10/05/98
Date Spill Entered In Computer Data File:	Not reported
Update Date:	10/06/98
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	1
Unkonwn Quantity Spilled:	False
Units:	Gallons
Quantity Recovered:	0
Unkonwn Quantity Recovered:	False
Material:	UNKNOWN PETROLEUM
Class Type:	UNKNOWN PETROLEUM
Times Material Entry In File:	16414
CAS Number:	Not reported

MANHOLE #13924 (Continued) **S103485015**

Last Date: 19940929
DEC Remarks: Not reported
Remark: CON EDISON 120309.

G25 **EDR US Hist Auto Stat** **1015135213**
West **10359 99TH ST** **N/A**
< 1/8 **OZONE PARK, NY 11417**
0.109 mi.
576 ft. **Site 1 of 4 in cluster G**

Relative:
Lower

Actual:
34 ft.

EDR Historical Auto Stations:

Name: JAMES AUTO REPAIR
Year: 1999
Address: 10359 99TH ST

Name: JAMES AUTO REPAIR
Year: 2000
Address: 10359 99TH ST

Name: JAMES AUTO REPAIR
Year: 2002
Address: 10359 99TH ST

Name: JAMES AUTO REPAIR
Year: 2003
Address: 10359 99TH ST

G26 **EDR US Hist Auto Stat** **1015135206**
West **10357 99TH ST** **N/A**
< 1/8 **OZONE PARK, NY 11417**
0.110 mi.
582 ft. **Site 2 of 4 in cluster G**

Relative:
Higher

Actual:
35 ft.

EDR Historical Auto Stations:

Name: R & C AUTOMOTIVE
Year: 2001
Address: 10357 99TH ST

Name: R & C AUTOMOTIVE
Year: 2002
Address: 10357 99TH ST

Name: R & C AUTOMOTIVE
Year: 2003
Address: 10357 99TH ST

Name: R & C AUTOMOTIVE
Year: 2004
Address: 10357 99TH ST

Name: R & C AUTOMOTIVE
Year: 2005
Address: 10357 99TH ST

Name: R & C AUTOMOTIVE
Year: 2006

(Continued) **1015135206**

Address: 10357 99TH ST

Name: R & C AUTOMOTIVE
Year: 2007
Address: 10357 99TH ST

Name: R & C AUTOMOTIVE
Year: 2008
Address: 10357 99TH ST

Name: R & C AUTOMOTIVE
Year: 2009
Address: 10357 99TH ST

Name: R & C AUTOMOTIVE
Year: 2010
Address: 10357 99TH ST

Name: R & C AUTOMOTIVE
Year: 2011
Address: 10357 99TH ST

Name: R & C AUTOMOTIVE
Year: 2012
Address: 10357 99TH ST

G27 **EDR US Hist Auto Stat** **1015135188**
West **10355 99TH ST** **N/A**
< 1/8 **OZONE PARK, NY 11417**
0.112 mi.
589 ft. **Site 3 of 4 in cluster G**

Relative:
Higher

Actual:
35 ft.

EDR Historical Auto Stations:
Name: JOHNNYS AUTO REPAIR
Year: 2004
Address: 10355 99TH ST

Name: JOHNNYS AUTO REPAIR
Year: 2005
Address: 10355 99TH ST

Name: JOHNNYS AUTO REPAIR
Year: 2006
Address: 10355 99TH ST

Name: JOHNNYS AUTO REPAIR
Year: 2007
Address: 10355 99TH ST

Name: JOHNNYS AUTO REPAIR
Year: 2008
Address: 10355 99TH ST

Name: JOHNNYS AUTO REPAIR
Year: 2009
Address: 10355 99TH ST

Name: JOHNNYS AUTO REPAIR

(Continued) **1015135188**

Year: 2010
Address: 10355 99TH ST

Name: J & SONS AUTO REPAIR
Year: 2011
Address: 10355 99TH ST

Name: J & SONS AUTO REPAIR
Year: 2012
Address: 10355 99TH ST

G28
West
< 1/8
0.112 mi.
589 ft.

J & SONS AUTO REPAIR INC. **AST** **A100307820**
103-55 99TH STREET **N/A**
SOUTH OZONE PARK, NY 11417

Site 4 of 4 in cluster G

Relative:
Higher

Actual:
35 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-610612
Program Type: PBS
UTM X: 597994.35452000005
UTM Y: 4504001.4735500002
Expiration Date: 2012/07/19

Affiliation Records:
Site Id: 384557
Affiliation Type: Owner
Company Name: JOHNNYS AUTO REPAIRS
Contact Type: Not reported
Contact Name: Not reported
Address1: 103-55 99TH ST.
Address2: Not reported
City: SO. OZONE PK
State: NY
Zip Code: 11417
Country Code: 001
Phone: (718) 738-3707
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 7/19/2007

Site Id: 384557
Affiliation Type: Mail Contact
Company Name: JOHNNYS AUTO REPAIRS
Contact Type: Not reported
Contact Name: VICKRAM MANGROO
Address1: 103-55 99TH STREET
Address2: Not reported
City: SOUTH OZONE PARK
State: NY
Zip Code: 11417
Country Code: 001
Phone: (718) 738-3707

J & SONS AUTO REPAIR INC. (Continued) **A100307820**

Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	7/19/2007

Site Id:	384557
Affiliation Type:	On-Site Operator
Company Name:	JOHNNYS AUTO REPAIRS
Contact Type:	Not reported
Contact Name:	VICKRAM MANGROO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 738-3707
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	7/19/2007

Site Id:	384557
Affiliation Type:	Emergency Contact
Company Name:	JOHNNYS AUTO REPAIRS
Contact Type:	Not reported
Contact Name:	VICKRAM MANGROO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 738-3707
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	7/19/2007

Tank Info:

Tank Number:	001
Tank Id:	231360

Equipment Records:

B00 - Tank External Protection - None
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

J & SONS AUTO REPAIR INC. (Continued) **A100307820**

I04 - Overfill - Product Level Gauge (A/G)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	02/20/2002
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	01/14/2010

Tank Number:	001
Tank Id:	218455

Equipment Records:

E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
G10 - Tank Secondary Containment - Impervious Underlayment
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
J00 - Dispenser - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
L00 - Piping Leak Detection - None
I00 - Overfill - None

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	07/19/2007

Affiliation Records:

Site Id:	421157
Affiliation Type:	Owner
Company Name:	J & SONS AUTO REPAIR INC.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	103-55 99TH STREET
Address2:	Not reported
City:	SO. OZONE PARK

J & SONS AUTO REPAIR INC. (Continued) **A100307820**

State:	NY
Zip Code:	11417
Country Code:	001
Phone:	(718) 738-3707
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	1/14/2010

Site Id:	421157
Affiliation Type:	Mail Contact
Company Name:	J & SONS AUTO REPAIR INC.
Contact Type:	Not reported
Contact Name:	VICKRAM C. MANGROO
Address1:	103-55 99TH STREET
Address2:	Not reported
City:	SOUTH OZONE PARK
State:	NY
Zip Code:	11417
Country Code:	001
Phone:	(718) 738-3707
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	1/14/2010

Site Id:	421157
Affiliation Type:	On-Site Operator
Company Name:	J & SONS AUTO REPAIR INC.
Contact Type:	Not reported
Contact Name:	VICKRAM C. MANGROO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 738-3707
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	1/14/2010

Site Id:	421157
Affiliation Type:	Emergency Contact
Company Name:	J & SONS AUTO REPAIR INC.
Contact Type:	Not reported
Contact Name:	VICKRAM C. MANGROO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999

J & SONS AUTO REPAIR INC. (Continued) **A100307820**

Phone:	(718) 738-3707
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	1/14/2010

Tank Info:

Tank Number:	001
Tank Id:	231360

Equipment Records:

B00 - Tank External Protection - None
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	02/20/2002
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	01/14/2010

Tank Number:	001
Tank Id:	218455

Equipment Records:

E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
G10 - Tank Secondary Containment - Impervious Underlayment
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
J00 - Dispenser - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
L00 - Piping Leak Detection - None
I00 - Overfill - None

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron

J & SONS AUTO REPAIR INC. (Continued) **A100307820**

Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	07/19/2007

H29 **EDR US Hist Auto Stat** **1015120564**
South **10007 ROCKAWAY BLVD** **N/A**
< 1/8 **OZONE PARK, NY 11417**
0.113 mi.
598 ft. **Site 1 of 8 in cluster H**

Relative:
Higher

Actual:
47 ft.

EDR Historical Auto Stations:

Name:	CLIFFS AUTO REPAIR INCORPORATED
Year:	1999
Address:	10007 ROCKAWAY BLVD
Name:	CLIFFS AUTO REPAIR INCORPORATED
Year:	2000
Address:	10007 ROCKAWAY BLVD
Name:	CLIFFS AUTO REPAIR INC
Year:	2001
Address:	10007 ROCKAWAY BLVD
Name:	CLIFFS AUTO REPAIR INC
Year:	2002
Address:	10007 ROCKAWAY BLVD
Name:	CLIFFS AUTO REPAIR
Year:	2003
Address:	10007 ROCKAWAY BLVD
Name:	CLIFFS AUTO REPAIR INC
Year:	2004
Address:	10007 ROCKAWAY BLVD
Name:	CLIFFS AUTO REPAIR INC
Year:	2005
Address:	10007 ROCKAWAY BLVD
Name:	CLIFFS AUTO REPAIR INC
Year:	2006
Address:	10007 ROCKAWAY BLVD
Name:	CLIFFS AUTO REPAIR INC
Year:	2007
Address:	10007 ROCKAWAY BLVD
Name:	CLIFFS AUTO REPAIR
Year:	2008
Address:	10007 ROCKAWAY BLVD

(Continued) **1015120564**

Name: CLIFFS AUTO REPAIR INC
Year: 2009
Address: 10007 ROCKAWAY BLVD

Name: ROCKAWAY GAS
Year: 2010
Address: 10007 ROCKAWAY BLVD

Name: ROCKAWAY SERVICE STATION INCORPORATE
Year: 2011
Address: 10007 ROCKAWAY BLVD

Name: CLIFFS AUTO REPAIR INC
Year: 2012
Address: 10007 ROCKAWAY BLVD

I30 **EDR US Hist Auto Stat** **1015135212**
WNW **10359 100TH ST** **N/A**
< 1/8 **OZONE PARK, NY 11417**
0.115 mi.
608 ft. **Site 1 of 5 in cluster I**

Relative:
Lower

Actual:
34 ft.

EDR Historical Auto Stations:

Name: DELTA COLLISION EXPERTS INCORPORATED
Year: 2000
Address: 10359 100TH ST

Name: VINNYS AUTO SHOP
Year: 2001
Address: 10359 100TH ST

Name: VINNYS AUTO SHOP
Year: 2002
Address: 10359 100TH ST

Name: VINNYS AUTO SHOP
Year: 2003
Address: 10359 100TH ST

Name: SALIM AUTO BODY & CAR SALES INC
Year: 2004
Address: 10359 100TH ST

Name: DELTA COLLISION EXPERTS INC
Year: 2005
Address: 10359 100TH ST

Name: SALIM AUTO BODY & CAR SALES INC
Year: 2006
Address: 10359 100TH ST

Name: SALIM AUTO BODY & CAR SALES INC
Year: 2007
Address: 10359 100TH ST

H31 **ROCKAWAY SERVICE STATION INC.** **AST** **A100300735**
South **100-07 ROCKAWAY BOULEVARD** **N/A**
< 1/8 **OZONE PARK, NY 11417**
0.116 mi.
612 ft. **Site 2 of 8 in cluster H**

Relative:
Higher

Actual:
47 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-349259
Program Type:	PBS
UTM X:	598062.38785000006
UTM Y:	4503882.8979000002
Expiration Date:	2015/02/03

Affiliation Records:

Site Id:	17186
Affiliation Type:	Mail Contact
Company Name:	100-07 ROCKAWAY LLC
Contact Type:	Not reported
Contact Name:	JOSEPH MACCHIA
Address1:	556 CENTRAL AVENUE
Address2:	Not reported
City:	BETHPAGE
State:	NY
Zip Code:	11714
Country Code:	001
Phone:	(516) 933-0700
Phone Ext:	Not reported
Email:	J,MACCHIAMDI@AOL.COM
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	11/9/2010

Site Id:	17186
Affiliation Type:	On-Site Operator
Company Name:	ROCKAWAY SERVICE STATION INC.
Contact Type:	Not reported
Contact Name:	ROCKAWAY SERVICE STATION INC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 659-8300
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	9/1/2010

Site Id:	17186
Affiliation Type:	Emergency Contact
Company Name:	100-07 ROCKAWAY BLVD. LLC
Contact Type:	Not reported
Contact Name:	RICHARD HEGLER
Address1:	Not reported
Address2:	Not reported

ROCKAWAY SERVICE STATION INC. (Continued) **A100300735**

City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(516) 659-5878
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	9/1/2010

Site Id:	17186
Affiliation Type:	Owner
Company Name:	100-07 ROCKAWAY BLVD. LLC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	276 N. HENRY STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11222
Country Code:	001
Phone:	(718) 349-0555
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	9/1/2010

Tank Info:

Tank Number:	004
Tank Id:	55552

Equipment Records:

C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
D00 - Pipe Type - No Piping
J00 - Dispenser - None
G09 - Tank Secondary Containment - Modified Double-Walled (Aboveground)
L00 - Piping Leak Detection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
K01 - Spill Prevention - Catch Basin

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	06/01/1996
Capacity Gallons:	550
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported

ROCKAWAY SERVICE STATION INC. (Continued) **A100300735**

Date Tank Closed:	07/01/2006
Register:	True
Modified By:	NRLOMBAR
Last Modified:	05/08/2007

H32 South < 1/8 0.116 mi. 612 ft. **ROCKAWAY SERVICE STATION INC.** **UST** **U004077561**
100-07 ROCKAWAY BOULEVARD **N/A**
OZONE PARK, NY 11417

Site 3 of 8 in cluster H

Relative: Higher

Actual: 47 ft.

UST:

Facility Id:	2-349259
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS
Expiration Date:	2015/02/03
UTM X:	598062.38785000006
UTM Y:	4503882.8979000002

Affiliation Records:

Site Id:	17186
Affiliation Type:	Mail Contact
Company Name:	100-07 ROCKAWAY LLC
Contact Type:	Not reported
Contact Name:	JOSEPH MACCHIA
Address1:	556 CENTRAL AVENUE
Address2:	Not reported
City:	BETHPAGE
State:	NY
Zip Code:	11714
Country Code:	001
Phone:	(516) 933-0700
Phone Ext:	Not reported
Email:	J,MACCHIAMDI@AOL.COM
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	11/9/2010

Site Id:	17186
Affiliation Type:	On-Site Operator
Company Name:	ROCKAWAY SERVICE STATION INC.
Contact Type:	Not reported
Contact Name:	ROCKAWAY SERVICE STATION INC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 659-8300
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	9/1/2010

ROCKAWAY SERVICE STATION INC. (Continued) **U004077561**

Site Id:	17186
Affiliation Type:	Emergency Contact
Company Name:	100-07 ROCKAWAY BLVD. LLC
Contact Type:	Not reported
Contact Name:	RICHARD HEGLER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(516) 659-5878
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	9/1/2010

Site Id:	17186
Affiliation Type:	Owner
Company Name:	100-07 ROCKAWAY BLVD. LLC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	276 N. HENRY STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11222
Country Code:	001
Phone:	(718) 349-0555
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	9/1/2010

Tank Info:

Site ID:	17186
Tank Number:	001
Tank ID:	33435
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Pipe Model:	D

Equipment Records:

E04 - Piping Secondary Containment - Double-Walled (Underground)
B07 - Tank External Protection - Retrofitted Sacrificial Anode
I03 - Overfill - Automatic Shut-Off
A01 - Tank Internal Protection - Epoxy Liner
D11 - Pipe Type - Flexible Piping
F05 - Pipe External Protection - Jacketed
G00 - Tank Secondary Containment - None
L08 - Piping Leak Detection - Tank Top Sump
C02 - Pipe Location - Underground/On-ground
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin

ROCKAWAY SERVICE STATION INC. (Continued) **U004077561**

H05 - Tank Leak Detection - In-Tank System (ATG)
J01 - Dispenser - Submersible

Install Date:	12/01/1982
Capacity Gallons:	4000
Tightness Test Method:	21
Next Test Date:	08/13/2013
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	08/13/2008
Registered:	True
Modified By:	NRLOMBAR
Last Modified:	11/09/2010
Site ID:	17186
Tank Number:	002
Tank ID:	33436
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Pipe Model:	D

Equipment Records:

B07 - Tank External Protection - Retrofitted Sacrificial Anode
I03 - Overfill - Automatic Shut-Off
K01 - Spill Prevention - Catch Basin
J01 - Dispenser - Submersible
H05 - Tank Leak Detection - In-Tank System (ATG)
A01 - Tank Internal Protection - Epoxy Liner
D11 - Pipe Type - Flexible Piping
F05 - Pipe External Protection - Jacketed
G00 - Tank Secondary Containment - None
L08 - Piping Leak Detection - Tank Top Sump
E04 - Piping Secondary Containment - Double-Walled (Underground)
C02 - Pipe Location - Underground/On-ground
I02 - Overfill - High Level Alarm

Install Date:	12/01/1982
Capacity Gallons:	4000
Tightness Test Method:	21
Next Test Date:	08/13/2013
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	08/13/2008
Registered:	True
Modified By:	NRLOMBAR
Last Modified:	11/09/2010
Site ID:	17186
Tank Number:	003
Tank ID:	94868
Tank Status:	In Service
Tank Type:	Fiberglass coated steel
Pipe Model:	D

Equipment Records:

B05 - Tank External Protection - Jacketed

ROCKAWAY SERVICE STATION INC. (Continued) **U004077561**

E04 - Piping Secondary Containment - Double-Walled (Underground)
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
H05 - Tank Leak Detection - In-Tank System (ATG)
D11 - Pipe Type - Flexible Piping
F05 - Pipe External Protection - Jacketed
L08 - Piping Leak Detection - Tank Top Sump
K01 - Spill Prevention - Catch Basin
B07 - Tank External Protection - Retrofitted Sacrificial Anode
I03 - Overfill - Automatic Shut-Off
A00 - Tank Internal Protection - None
J01 - Dispenser - Submersible
G04 - Tank Secondary Containment - Double-Walled (Underground)

Install Date:	04/01/1996
Capacity Gallons:	4000
Tightness Test Method:	21
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Fiberglass coated steel
Date Test:	05/07/2008
Registered:	True
Modified By:	NRLOMBAR
Last Modified:	11/09/2010
Site ID:	17186
Tank Number:	003-A
Tank ID:	94869
Tank Status:	Tank Converted to Non-Regulated Use
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
G00 - Tank Secondary Containment - None
B01 - Tank External Protection - Painted/Asphalt Coating
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground

Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	07/01/1993
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

H33 South < 1/8 0.116 mi. 612 ft. | **DECORATIVE SHOWCASE CO**
100-02 ROCKAWAY BLVD
OZONE PARK, NY 11417 | **HIST UST** | **U001832067**
N/A

Site 4 of 8 in cluster H

Relative: Higher

Actual: 47 ft.

HIST UST:

PBS Number:	2-086878
SPDES Number:	Not reported
Emergency Contact:	WILLIAM GOVAN DESEASED
Emergency Telephone:	(718) 848-8800
Operator:	WILLIAM GOVAN DESEASED
Operator Telephone:	(718) 848-8800
Owner Name:	HERB LEFKOWITZ
Owner Address:	3206 WYNSUM AVE
Owner City,St,Zip:	MERRICK, NY 11566
Owner Telephone:	(516) 623-0639
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	HERB LEFKOWITZ
Mailing Address:	3206 WYNSUM AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	MERRICK, NY 11566
Mailing Contact:	DECORATIVE SHOWCASE CO.
Mailing Telephone:	(516) 623-0639
Owner Mark:	First Owner
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Facility Addr2:	100002 ROCKAWAY BLVD
SWIS ID:	6301
Old PBS Number:	Not reported
Facility Type:	OTHER
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	02/18/1997
Expiration Date:	03/24/2002
Renew Flag:	False
Renewal Date:	20011113
Total Capacity:	0
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	0
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	63
Town or City:	01
Region:	2
Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	Closed-In Place
Install Date:	Not reported
Capacity (gals):	5000
Product Stored:	NOS 1,2, OR 4 FUEL OIL

DECORATIVE SHOWCASE CO (Continued) **U001832067**

Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	02/01/2000
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

H34 **100-02 ROCKAWAY BLVD CORP** **UST** **U004076377**
South **100-02 ROCKAWAY BLVD** **N/A**
< 1/8 **OZONE PARK, NY 11417**
0.116 mi.
612 ft. **Site 5 of 8 in cluster H**

Relative:
Higher

Actual:
47 ft.

UST:

Facility Id:	2-086878
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS
Expiration Date:	2015/06/27
UTM X:	598059.92486999999
UTM Y:	4503870.9855899997

Affiliation Records:

Site Id:	2094
Affiliation Type:	Mail Contact
Company Name:	100-02 ROCKAWAY BLVD CORP
Contact Type:	Not reported
Contact Name:	FRED KHALILI
Address1:	109-14 97TH ST
Address2:	Not reported
City:	OZONE PARK
State:	NY
Zip Code:	11417
Country Code:	001
Phone:	(718) 827-8888
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	4/28/2010

Site Id:	2094
Affiliation Type:	On-Site Operator
Company Name:	100-02 ROCKAWAY BLVD CORP

100-02 ROCKAWAY BLVD CORP (Continued) **U004076377**

Contact Type:	Not reported
Contact Name:	100-02 ROCKAWAY BLVD CORP
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 641-0859
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	4/28/2010

Site Id:	2094
Affiliation Type:	Emergency Contact
Company Name:	100-02 ROCKAWAY BLVD CORP
Contact Type:	Not reported
Contact Name:	KALAM
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 827-8888
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	EJCALIFA
Date Last Modified:	4/13/2006

Site Id:	2094
Affiliation Type:	Owner
Company Name:	100-02 ROCKAWAY BLVD CORP
Contact Type:	PRESIDENT
Contact Name:	FRED KHALILI
Address1:	100-02 ROCKAWAY BLVD
Address2:	Not reported
City:	OZONE PARK
State:	NY
Zip Code:	11417
Country Code:	001
Phone:	(718) 827-8888
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	EJCALIFA
Date Last Modified:	4/13/2006

Tank Info:

Site ID:	2094

Tank Number:	001
Tank ID:	3362
Tank Status:	Closed - In Place

100-02 ROCKAWAY BLVD CORP (Continued) **U004076377**

Tank Type: Steel/carbon steel
Pipe Model: Not reported

Equipment Records:

A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None

Install Date: Not reported
Capacity Gallons: 5000
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: 02/01/2000
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Registered: True
Modified By: TRANSLAT
Last Modified: 03/04/2004

H35 **100-02 ROCKAWAY BLVD CORP** **AST** **A100291209**
South **100-02 ROCKAWAY BLVD** **N/A**
< 1/8 **OZONE PARK, NY 11417**
0.116 mi.
612 ft. **Site 6 of 8 in cluster H**

Relative:
Higher

Actual:
47 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-086878
Program Type: PBS
UTM X: 598059.92486999999
UTM Y: 4503870.9855899997
Expiration Date: 2015/06/27

Affiliation Records:
Site Id: 2094
Affiliation Type: Mail Contact
Company Name: 100-02 ROCKAWAY BLVD CORP
Contact Type: Not reported
Contact Name: FRED KHALILI
Address1: 109-14 97TH ST
Address2: Not reported
City: OZONE PARK
State: NY
Zip Code: 11417
Country Code: 001
Phone: (718) 827-8888
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 4/28/2010

100-02 ROCKAWAY BLVD CORP (Continued) **A100291209**

Site Id:	2094
Affiliation Type:	On-Site Operator
Company Name:	100-02 ROCKAWAY BLVD CORP
Contact Type:	Not reported
Contact Name:	100-02 ROCKAWAY BLVD CORP
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 641-0859
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	4/28/2010

Site Id:	2094
Affiliation Type:	Emergency Contact
Company Name:	100-02 ROCKAWAY BLVD CORP
Contact Type:	Not reported
Contact Name:	KALAM
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 827-8888
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	EJCALIFA
Date Last Modified:	4/13/2006

Site Id:	2094
Affiliation Type:	Owner
Company Name:	100-02 ROCKAWAY BLVD CORP
Contact Type:	PRESIDENT
Contact Name:	FRED KHALILI
Address1:	100-02 ROCKAWAY BLVD
Address2:	Not reported
City:	OZONE PARK
State:	NY
Zip Code:	11417
Country Code:	001
Phone:	(718) 827-8888
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	EJCALIFA
Date Last Modified:	4/13/2006

Tank Info:

Tank Number:	002

100-02 ROCKAWAY BLVD CORP (Continued) **A100291209**

Tank Id: 211075

Equipment Records:

A99 - Tank Internal Protection - Other
B99 - Tank External Protection - Other
K99 - Spill Prevention - Other
D99 - Pipe Type - Other
G99 - Tank Secondary Containment - Other

Tank Location: 3
Tank Type: Galvanized Steel Alloy
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/2000
Capacity Gallons: 2000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: EJCALIFA
Last Modified: 04/13/2006

J36 **EDR US Hist Auto Stat** **1015126933**
South **10115 ROCKAWAY BLVD** **N/A**
< 1/8 **OZONE PARK, NY 11417**
0.117 mi.
618 ft. **Site 1 of 3 in cluster J**

Relative:
Higher

Actual:
46 ft.

EDR Historical Auto Stations:

Name: COLONY AUTO BODY
Year: 1999
Address: 10115 ROCKAWAY BLVD

Name: COLONY AUTO BODY
Year: 2000
Address: 10115 ROCKAWAY BLVD

Name: COLONY AUTO BODY
Year: 2001
Address: 10115 ROCKAWAY BLVD

Name: COLONY AUTO BODY
Year: 2002
Address: 10115 ROCKAWAY BLVD

Name: KLASIQUE AUTO BODY REPAIR INC
Year: 2004
Address: 10115 ROCKAWAY BLVD

Name: KLASIQUE AUTO BODY CARE INC
Year: 2005
Address: 10115 ROCKAWAY BLVD

Name: KLASIQUE AUTO BODY CARE INC
Year: 2006
Address: 10115 ROCKAWAY BLVD

Name: PARAMOUNT AUTO BODY REPAIR

(Continued) **1015126933**

Year: 2007
Address: 10115 ROCKAWAY BLVD

Name: PARAMOUNT AUTO BODY REPAIR
Year: 2008
Address: 10115 ROCKAWAY BLVD

Name: NYCA AUTO BODY
Year: 2011
Address: 10115 ROCKAWAY BLVD

Name: NYCA AUTO BODY
Year: 2012
Address: 10115 ROCKAWAY BLVD

I37 **EDR US Hist Auto Stat** **1015135205**
WNW **10357 100TH ST** **N/A**
< 1/8 **OZONE PARK, NY 11417**
0.117 mi.
619 ft. **Site 2 of 5 in cluster I**

Relative:
Lower

Actual:
34 ft.

EDR Historical Auto Stations:
Name: OZONE PARK AUTO BODY INCORPORATED
Year: 2000
Address: 10357 100TH ST

Name: OZONE PARK AUTO BODY INC
Year: 2001
Address: 10357 100TH ST

Name: OZONE PARK AUTO BODY INC
Year: 2003
Address: 10357 100TH ST

Name: OZONE PARK AUTO BODY INC
Year: 2004
Address: 10357 100TH ST

Name: OZONE PARK AUTO BODY INC
Year: 2007
Address: 10357 100TH ST

J38 **EDR US Hist Cleaners** **1014968227**
South **10121 ROCKAWAY BLVD** **N/A**
< 1/8 **OZONE PARK, NY 11417**
0.117 mi.
620 ft. **Site 2 of 3 in cluster J**

Relative:
Higher

Actual:
46 ft.

EDR Historical Cleaners:
Name: COTTAGE LAUNDROMAT INC
Year: 2003
Address: 10121 ROCKAWAY BLVD

Name: COTTAGE LAUNDROMAT INC
Year: 2004
Address: 10121 ROCKAWAY BLVD

(Continued) **1014968227**

Name: COTTAGE LAUNDROMAT INC
Year: 2005
Address: 10121 ROCKAWAY BLVD

Name: COTTAGE LAUNDROMAT INC
Year: 2006
Address: 10121 ROCKAWAY BLVD

Name: ROSE & TOMS LAUNDROMAT INC
Year: 2006
Address: 10121 ROCKAWAY BLVD

Name: COTTAGE LAUNDROMAT INC
Year: 2007
Address: 10121 ROCKAWAY BLVD

Name: COTTAGE LAUNDROMAT INC
Year: 2008
Address: 10121 ROCKAWAY BLVD

Name: COTTAGE LAUNDROMAT INC
Year: 2009
Address: 10121 ROCKAWAY BLVD

Name: COTTAGE LAUNDROMAT INC
Year: 2010
Address: 10121 ROCKAWAY BLVD

Name: COTTAGE LAUNDROMAT INCORPORATED
Year: 2011
Address: 10121 ROCKAWAY BLVD

Name: COTTAGE LAUNDROMAT INC
Year: 2012
Address: 10121 ROCKAWAY BLVD

H39 **JOHN ADAMS H S** **AST** **U003394130**
South **101-01 ROCKAWAY BLVD** **HIST AST** **N/A**
< 1/8 **QNS, NY 11417**
0.118 mi.
624 ft. **Site 7 of 8 in cluster H**

Relative:
Higher

Actual:
46 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-353027
Program Type: PBS
UTM X: 598133.22268000001
UTM Y: 4503869.8441899996
Expiration Date: 2013/06/28

Affiliation Records:
Site Id: 17496
Affiliation Type: Owner
Company Name: NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type: Not reported
Contact Name: Not reported

JOHN ADAMS H S (Continued) **U003394130**

Address1:	44-36 VERNON BOULEVARD
Address2:	Not reported
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 349-5752
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	12/27/2012

Site Id:	17496
Affiliation Type:	Mail Contact
Company Name:	NYC DEPARTMENT OF EDUCATION
Contact Type:	Not reported
Contact Name:	MUNENDRA SHARMA
Address1:	FIELD OPERATIONS-FUEL DIVISION
Address2:	44-36 VERNON BOULEVARD
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 349-5752
Phone Ext:	Not reported
Email:	MSHARMA@SCHOOLS.NYC.GOV
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	12/27/2012

Site Id:	17496
Affiliation Type:	On-Site Operator
Company Name:	JOHN ADAMS H.S. (Q480)
Contact Type:	Not reported
Contact Name:	PLANT OPERATIONS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 349-5400
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	8/2/2012

Site Id:	17496
Affiliation Type:	Emergency Contact
Company Name:	NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type:	Not reported
Contact Name:	SCHOOL SAFETY
Address1:	Not reported
Address2:	Not reported
City:	Not reported

JOHN ADAMS H S (Continued) **U003394130**

State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 935-3300
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	12/27/2012

Tank Info:

Tank Number:	001
Tank Id:	34284

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction
K00 - Spill Prevention - None
B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
L00 - Piping Leak Detection - None

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/1966
Capacity Gallons:	20000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	08/02/2012

Tank Number:	002
Tank Id:	34285

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
K00 - Spill Prevention - None

JOHN ADAMS H S (Continued) **U003394130**

	L00 - Piping Leak Detection - None
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/1966
Capacity Gallons:	20000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	08/02/2012

HIST AST:

PBS Number:	2-353027
SWIS Code:	6301
Operator:	PLANT OPERATION
Facility Phone:	(718) 391-6000
Facility Addr2:	101001 ROCKAWAY BLVD
Facility Type:	SCHOOL
Emergency:	SCHOOL SAFETY
Emergency Tel:	(212) 979-3300
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	CITY OF NEW YORK CITY BOARD OF EDUCATION
Owner Address:	28-11 QUEENS PLAZA NORTH
Owner City,St,Zip:	LONG ISLAND CITY, NY 11101
Federal ID:	Not reported
Owner Tel:	(718) 391-6832
Owner Type:	Local Government
Owner Subtype:	Not reported
Mailing Contact:	FRANK CORDELLO NTROL
Mailing Name:	BOARD OF EDUCATION
Mailing Address:	28-11 QUEENS PLAZA NORTH
Mailing Address 2:	5TH FLOOR
Mailing City,St,Zip:	LONG ISLAND CITY, NY 11101
Mailing Telephone:	(718) 391-6832
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	08/27/1998
Expiration:	06/28/2003
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	40000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported

JOHN ADAMS H S (Continued) **U003394130**

Town or City:	NEW YORK CITY
County Code:	63
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	20000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	002
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	20000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True

JOHN ADAMS H S (Continued) **U003394130**

SPDES Number: Not reported
Lat/Long: Not reported

H40 South < 1/8 0.118 mi. 624 ft. **NYC BD OF ED - JOHN ADAMS HS Q** **RCRA-CESQG** **1005444342**
101-01 ROCKAWAY BLVD **MANIFEST** **NYR000106633**
OZONE PARK, NY 11417

Site 8 of 8 in cluster H

Relative: Higher

Actual: 46 ft.

RCRA-CESQG:

Date form received by agency:	01/01/2007
Facility name:	NYC BD OF ED - JOHN ADAMS HS Q
Facility address:	101-01 ROCKAWAY BLVD OZONE PARK, NY 11417
EPA ID:	NYR000106633
Mailing address:	QUEENS PLZ N LONG ISLAND CITY, NY 11101
Contact:	BERNARD ORLAN
Contact address:	QUEENS PLZ N LONG ISLAND CITY, NY 11101
Contact country:	US
Contact telephone:	(718) 391-6475
Contact email:	Not reported
EPA Region:	02
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	NYC BOARD OF EDUCATION
Owner/operator address:	2811 QUEENS PLZ N LONG ISLAND CITY, NY 11101
Owner/operator country:	US
Owner/operator telephone:	(718) 391-6475
Legal status:	Municipal
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/2001
Owner/Op end date:	Not reported

Owner/operator name:	NYC BOARD OF EDUCATION
Owner/operator address:	2811 QUEENS PLZ N LONG ISLAND CITY, NY 11101
Owner/operator country:	US
Owner/operator telephone:	(718) 391-6475
Legal status:	Municipal

NYC BD OF ED - JOHN ADAMS HS Q (Continued) **1005444342**

Owner/Operator Type: Owner
Owner/Op start date: 01/01/2001
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: NYC BD OF ED - JOHN ADAMS HS Q
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 05/29/2002
Facility name: NYC BD OF ED - JOHN ADAMS HS Q
Classification: Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:
EPA ID: NYR000106633
Country: USA
Mailing Name: JOHN ADAMS HIGH SCHOOL
Mailing Contact: PAT RICIA SNELL
Mailing Address: 101 01 ROCKAWAY BLVD
Mailing Address 2: Not reported
Mailing City: OZONE PARK
Mailing State: NY
Mailing Zip: 11417
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 718-322-0500

Document ID: NYG3493485
Manifest Status: Not reported
Trans1 State ID: NYD077444263
Trans2 State ID: Not reported
Generator Ship Date: 09/04/2002
Trans1 Recv Date: 09/04/2002
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/05/2002
Part A Recv Date: Not reported
Part B Recv Date: Not reported

NYC BD OF ED - JOHN ADAMS HS Q (Continued) **1005444342**

Generator EPA ID:	NYR000106633
Trans1 EPA ID:	NYD077444263
Trans2 EPA ID:	Not reported
TSDF ID:	PD1010NY
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00005
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00002
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00003
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00009
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2002

Document ID:	NYG3493503
Manifest Status:	Not reported
Trans1 State ID:	NYD077444263
Trans2 State ID:	Not reported
Generator Ship Date:	09/04/2002
Trans1 Recv Date:	09/04/2002
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	09/05/2002
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000106633
Trans1 EPA ID:	NYD077444263
Trans2 EPA ID:	Not reported
TSDF ID:	PD1010NY
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00001
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	U135 - HYDROGEN SULFIDE

NYC BD OF ED - JOHN ADAMS HS Q (Continued) **1005444342**

Quantity:	00006
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00006
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00006
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2002

Document ID:	NYG3493512
Manifest Status:	Not reported
Trans1 State ID:	NYD077444263
Trans2 State ID:	Not reported
Generator Ship Date:	09/04/2002
Trans1 Recv Date:	09/04/2002
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	09/05/2002
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000106633
Trans1 EPA ID:	NYD077444263
Trans2 EPA ID:	Not reported
TSDF ID:	PD1010NY
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00001
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Waste Code:	U188 - PHENOL
Quantity:	00012
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D003 - NON-LISTED REACTIVE WASTES
Quantity:	00003
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.

NYC BD OF ED - JOHN ADAMS HS Q (Continued) **1005444342**

Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00001
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2002

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MAD985286988
Trans2 State ID:	Not reported
Generator Ship Date:	2010-05-17
Trans1 Recv Date:	2010-05-17
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2010-05-25
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000106633
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	Not reported
Quantity:	80.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2010
Manifest Tracking Num:	002483368FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	NYG2710503
Manifest Status:	Not reported
Trans1 State ID:	NYD049178296
Trans2 State ID:	Not reported
Generator Ship Date:	12/10/2003
Trans1 Recv Date:	12/10/2003
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/11/2003
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported

NYC BD OF ED - JOHN ADAMS HS Q (Continued) **1005444342**

Generator EPA ID:	NYR000106633
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID:	45347PANY
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00140
Units:	P - Pounds
Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00010
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	2003

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MAD985286988
Trans2 State ID:	Not reported
Generator Ship Date:	2011-08-09
Trans1 Recv Date:	2011-08-09
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2011-08-15
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000106633
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	Not reported
Quantity:	92.0
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	002489882FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

I41
WNW
< 1/8
0.121 mi.
638 ft.

EDR US Hist Auto Stat **1015135183**
N/A

10354 100TH ST
OZONE PARK, NY 11417

Site 3 of 5 in cluster I

Relative:
Lower

Actual:
34 ft.

EDR Historical Auto Stations:

Name: MIKES AUTO REPAIRS
Year: 2002
Address: 10354 100TH ST

Name: MIKES AUTO REPAIRS
Year: 2003
Address: 10354 100TH ST

Name: MIKES AUTO REPAIRS
Year: 2004
Address: 10354 100TH ST

Name: MIKES AUTO REPAIRS
Year: 2006
Address: 10354 100TH ST

Name: MIKES AUTO REPAIRS
Year: 2007
Address: 10354 100TH ST

Name: MIKES AUTOMOBILE REPAIRS
Year: 2011
Address: 10354 100TH ST

J42
South
< 1/8
0.123 mi.
649 ft.

107-62 101TH STREET **NY Spills** **S102147570**
107-62 101TH STREET **NY Hist Spills** **N/A**
OZONE PARK, NY

Site 3 of 3 in cluster J

Relative:
Higher

Actual:
47 ft.

SPILLS:

Facility ID:	9312172
DER Facility ID:	89001
Facility Type:	ER
Site ID:	100200
DEC Region:	2
Spill Number:	9312172
Spill Date:	1/15/1994
Spill Cause:	Abandoned Drums
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Date:	1/15/1994
SWIS:	4101
Investigator:	O'DOWD
Referred To:	Not reported
Reported to Dept:	1/15/1994
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Affected Persons
Cleanup Ceased:	1/15/1994
Cleanup Meets Std:	True
Last Inspection:	Not reported

107-62 101TH STREET (Continued) **S102147570**

Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1/20/1994
Spill Record Last Update:	9/30/2004
Spiller Name:	Not reported
Spiller Company:	UNK
Spiller Address:	Not reported
Spiller City,St,Zip:	***UPDATE***, ZZ
Spiller Company:	999
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Not reported
Remarks:	ABANDONED ORANGE CONTAINER HAS WARNING ASBESTOS PLACAND - NO ACTIONS TAKEN WANTS A CALL BACK. SPOKE TO PUTNAM HE LEFT MESSAGE ON ECO MACHINE. 2005/PM SPOKE TO CALLER & REFERRED HIM TO DEP HOTLINE / SA

Material:

Site ID:	100200
Operable Unit ID:	994195
Operable Unit:	01
Material ID:	570160
Material Code:	0026A
Material Name:	ASBESTOS
Case No.:	01332214
Material FA:	Hazardous Material
Quantity:	0
Units:	Not reported
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False
Site ID:	100200
Operable Unit ID:	994195
Operable Unit:	01
Material ID:	570159
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Not reported
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

107-62 101TH STREET (Continued) **S102147570**

NY Hist Spills:

Region of Spill:	2
Spill Number:	9312172
Investigator:	O'DOWD
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Spill Date/Time:	01/15/1994 12:00
Reported to Dept Date/Time:	01/15/94 19:23
SWIS:	63
Spiller Name:	UNK
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spill Cause:	Abandoned Drums
Reported to Dept:	On Land
Water Affected:	Not reported
Spill Source:	12
Spill Notifier:	Affected Persons
PBS Number:	Not reported
Cleanup Ceased:	01/15/94
Cleanup Meets Std:	True
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Dt:	/ /
Enforcement Date:	/ /
Invstgn Complete:	/ /
UST Involvement:	False
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	01/15/94
Corrective Action Plan Submitted:	/ /
Date Region Sent Summary to Central Office:	/ /
Date Spill Entered In Computer Data File:	01/20/94
Date Spill Entered In Computer Data File:	Not reported
Update Date:	/ /
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	0
Unkonwn Quantity Spilled:	False
Units:	Not reported
Quantity Recovered:	0
Unkonwn Quantity Recovered:	False
Material:	UNKNOWN PETROLEUM

107-62 101TH STREET (Continued) **S102147570**

Class Type: UNKNOWN PETROLEUM
Times Material Entry In File: 16414
CAS Number: Not reported
Last Date: 19940929
Material Class Type: Nonpetroleum/Nonhazardous
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: ASBESTOS
Class Type: ASBESTOS
Times Material Entry In File: 0
CAS Number: 01332214
Last Date: Not reported
DEC Remarks: Not reported
Remark: ABANDONED ORANGE CONTAINER HAS WARNING ASBESTOS PLACAND - NO ACTIONS TAKEN WANTS A CALL BACK. SPOKE TO PUTNAM HE LEFT MESSAGE ON ECO MACHINE. 2005/PM SPOKE TO CALLER REFERRED HIM TO DEP HOTLINE / SA

K43 **EDR US Hist Auto Stat** **1015134813**
NW **10332 101ST ST** **N/A**
1/8-1/4 **OZONE PARK, NY 11417**
0.128 mi.
674 ft. **Site 1 of 2 in cluster K**

Relative:
Lower

Actual:
34 ft.

EDR Historical Auto Stations:

Name: RELIABLE AUTO CENTER INC
Year: 2005
Address: 10332 101ST ST

Name: RELIABLE AUTO CENTER INC
Year: 2006
Address: 10332 101ST ST

Name: RELIABLE AUTO CENTER INC
Year: 2007
Address: 10332 101ST ST

Name: RELIABLE AUTO CTR
Year: 2010
Address: 10332 101ST ST

Name: RELIABLE AUTO CENTER
Year: 2011
Address: 10332 101ST ST

Name: RELIABLE AUTO CENTER
Year: 2012
Address: 10332 101ST ST

K44 NW 1/8-1/4 0.128 mi. 678 ft. | **MAIN LINE AUTO COLLISION INC**
103-32 101ST ST
OZONE PARK, NY 11417

RCRA NonGen / NLR
FINDS

1000552699
NYD986951044

Site 2 of 2 in cluster K

Relative: Lower

Actual: 34 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	MAIN LINE AUTO COLLISION INC
Facility address:	103-32 101ST ST OZONE PARK, NY 114171708
EPA ID:	NYD986951044
Mailing address:	101ST ST OZONE PARK, NY 11417
Contact:	Not reported
Contact address:	101ST ST OZONE PARK, NY 11417
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	JOSEPH DUAZAK
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	JOSEPH DUAZAK
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No

MAIN LINE AUTO COLLISION INC (Continued) **1000552699**

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: MAIN LINE AUTO COLLISION INC
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: MAIN LINE AUTO COLLISION INC
Classification: Not a generator, verified

Date form received by agency: 04/29/1991
Facility name: MAIN LINE AUTO COLLISION INC
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004465999

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

I45 **EDR US Hist Auto Stat** **1015134976**
WNW **10343 100TH ST** **N/A**
1/8-1/4 **OZONE PARK, NY 11417**
0.133 mi.
701 ft. **Site 4 of 5 in cluster I**

Relative:
Lower

Actual:
34 ft.

EDR Historical Auto Stations:
Name: 3 KINGS COLLISION INCORPORATED
Year: 1999
Address: 10343 100TH ST

Name: 3 KINGS COLLISION INCORPORATED
Year: 2000
Address: 10343 100TH ST

Name: 3 KINGS COLLISION INC
Year: 2004
Address: 10343 100TH ST

Name: 3 KINGS COLLISION INC
Year: 2005
Address: 10343 100TH ST

Name: 3 KINGS COLLISION INC
Year: 2006
Address: 10343 100TH ST

(Continued) **1015134976**

Name: 3 KINGS COLLISION INC
Year: 2008
Address: 10343 100TH ST

Name: 3 KINGS COLLISION INC
Year: 2009
Address: 10343 100TH ST

Name: 3 KINGS COLLISION INC
Year: 2010
Address: 10343 100TH ST

Name: KINGS COLLISION INC
Year: 2011
Address: 10343 100TH ST

Name: KINGS COLLISION INC
Year: 2012
Address: 10343 100TH ST

I46 **EDR US Hist Auto Stat** **1015134964**
WNW **10342 100TH ST** **N/A**
1/8-1/4 **OZONE PARK, NY 11417**
0.134 mi.
707 ft. **Site 5 of 5 in cluster I**

Relative:
Higher

Actual:
35 ft.

EDR Historical Auto Stations:
Name: RAYS AUTO SERVICE
Year: 1999
Address: 10342 100TH ST

Name: RAYS AUTO SERVICE
Year: 2000
Address: 10342 100TH ST

---

47 **EDR US Hist Auto Stat** **1015140157**
ENE **10508 LIBERTY AVE** **N/A**
1/8-1/4 **OZONE PARK, NY 11417**
0.144 mi.
761 ft.

Relative:
Higher

Actual:
39 ft.

EDR Historical Auto Stations:
Name: LIC CAR SERVICE CORP
Year: 2004
Address: 10508 LIBERTY AVE

L48
NE
1/8-1/4
0.149 mi.
785 ft.

10354 105TH ST
OZONE PARK, NY 11417

EDR US Hist Cleaners **1014970069**
N/A

Site 1 of 2 in cluster L

Relative:
Higher

Actual:
39 ft.

EDR Historical Cleaners:
Name: SUNNY SUPER SUDS INC
Year: 2004
Address: 10354 105TH ST

M49
SW
1/8-1/4
0.150 mi.
790 ft.

9821 ROCKAWAY BLVD
OZONE PARK, NY 11417

EDR US Hist Auto Stat **1015688487**
N/A

Site 1 of 7 in cluster M

Relative:
Lower

Actual:
34 ft.

EDR Historical Auto Stations:
Name: A & S CAR WASH INC
Year: 2011
Address: 9821 ROCKAWAY BLVD

Name: A & S CAR WASH INC
Year: 2012
Address: 9821 ROCKAWAY BLVD

M50
SW
1/8-1/4
0.151 mi.
795 ft.

GETTY PETROLEUM CORP
98-21 ROCKAWAY BLVD
OZONE PARK, NY 11417

RCRA NonGen / NLR **1001119392**
FINDS **NYR000026799**

Site 2 of 7 in cluster M

Relative:
Lower

Actual:
34 ft.

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: GETTY PETROLEUM CORP
Facility address: 98-21 ROCKAWAY BLVD
OZONE PARK, NY 114171616
EPA ID: NYR000026799
Mailing address: JERICHO TNPK
JERICHO, NY 11753
Contact: Not reported
Contact address: JERICHO TNPK
JERICHO, NY 11753
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: GETTY PETROLEUM CORP
Owner/operator address: 125 JERICHO TNPK
JERICHO, NY 11753
Owner/operator country: US
Owner/operator telephone: (516) 286-2600
Legal status: Private
Owner/Operator Type: Owner

GETTY PETROLEUM CORP (Continued) **1001119392**

Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: GETTY PETROLEUM CORP
Owner/operator address: 125 JERICHO TNPK
JERICHO, NY 11753
Owner/operator country: US
Owner/operator telephone: (516) 286-2600
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: GETTY PETROLEUM CORP
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: GETTY PETROLEUM CORP
Classification: Not a generator, verified

Date form received by agency: 07/17/1996
Facility name: GETTY PETROLEUM CORP
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110009485299

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

M51 SW 1/8-1/4 0.151 mi. 795 ft. | **GETTY S/S #16**
98-21 ROCKAWAY BOULEVARD
OZONE PARK, NY 11417 | **HIST UST AST HIST AST** | **U000407468 N/A**

Site 3 of 7 in cluster M

Relative: Lower

Actual: 34 ft.

HIST UST:

PBS Number:	2-326291
SPDES Number:	Not reported
Emergency Contact:	LUIS OCHOTORENA
Emergency Telephone:	(718) 729-6500
Operator:	A&S CAR WASH, INC
Operator Telephone:	(718) 641-8260
Owner Name:	GETTY PETROLEUM MARKETING, INC.
Owner Address:	125 JERICHO TURNPIKE
Owner City,St,Zip:	JERICHO, NY 11753
Owner Telephone:	(718) 729-6500
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	CATAPANO ENGINEERING, PC
Mailing Address:	125 BAYLIS ROAD
Mailing Address 2:	SUITE 330
Mailing City,St,Zip:	MELVILLE, NY 11747
Mailing Contact:	JOHN V. CATAPANO, PE
Mailing Telephone:	(631) 694-9696
Owner Mark:	Second Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	98021 ROCKAWAY BLVD
SWIS ID:	6301
Old PBS Number:	Not reported
Facility Type:	RETAIL GASOLINE SALES
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	11/24/2000
Expiration Date:	03/23/2004
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	16240
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	63
Town or City:	01
Region:	2
Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19761001
Capacity (gals):	2000

GETTY S/S #16 (Continued) **U000407468**

Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Diking
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	09/01/1993
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	06/01/1996
Test Method:	Unknown
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	002
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19660701
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Diking
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	09/01/1993
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	06/01/1996
Test Method:	Unknown
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	003
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19660701
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported

GETTY S/S #16 (Continued) **U000407468**

Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Diking
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	09/01/1993
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	06/01/1996
Test Method:	Unknown
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	004
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19660701
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Diking
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	09/01/1993
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	06/01/1996
Test Method:	Unknown
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	005
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19660701
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL

GETTY S/S #16 (Continued) **U000407468**

Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Diking
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	09/01/1993
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	06/01/1996
Test Method:	Unknown
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	006
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19660701
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Diking
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	09/01/1993
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	06/01/1996
Test Method:	Unknown
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	007
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19660701
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Diking

GETTY S/S #16 (Continued) **U000407468**

Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	09/01/1993
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	06/01/1996
Test Method:	Unknown
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	008
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19660701
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Diking
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	09/01/1993
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	06/01/1996
Test Method:	Unknown
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	009
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19660701
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Diking
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction

GETTY S/S #16 (Continued) **U000407468**

Date Tested:	09/01/1993
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	06/01/1996
Test Method:	Unknown
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	010
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19660701
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Diking
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	09/01/1993
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	06/01/1996
Test Method:	Unknown
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	011
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19660701
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Diking
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	09/01/1993
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing

GETTY S/S #16 (Continued) **U000407468**

Date Closed:	06/01/1996
Test Method:	Unknown
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	012
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19660701
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Diking
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	09/01/1993
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	06/01/1996
Test Method:	Unknown
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	013
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19660701
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Diking
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	06/01/1996
Test Method:	Not reported
Deleted:	False

GETTY S/S #16 (Continued) **U000407468**

Updated:	True
Lat/long:	Not reported

Tank Id:	013
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19960801
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Fiberglass reinforced plastic [FRP]
Tank Internal:	Fiberglass Liner (FRP)
Tank External:	45
Pipe Location:	Underground
Pipe Type:	STAINLESS STEEL ALLOY
Pipe Internal:	Fiberglass Liner (FRP)
Pipe External:	45
Second Containment:	Vault (w/access)
Leak Detection:	14
Overfill Prot:	Float Vent Valve, Catch Basin
Dispenser:	Submersible
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	014
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19960801
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Fiberglass reinforced plastic [FRP]
Tank Internal:	Fiberglass Liner (FRP)
Tank External:	45
Pipe Location:	Underground
Pipe Type:	STAINLESS STEEL ALLOY
Pipe Internal:	Fiberglass Liner (FRP)
Pipe External:	45
Second Containment:	Vault (w/access)
Leak Detection:	14
Overfill Prot:	Float Vent Valve, Catch Basin
Dispenser:	Submersible
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

GETTY S/S #16 (Continued) **U000407468**

Tank Id:	015
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19960801
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Fiberglass reinforced plastic [FRP]
Tank Internal:	Fiberglass Liner (FRP)
Tank External:	45
Pipe Location:	Underground
Pipe Type:	STAINLESS STEEL ALLOY
Pipe Internal:	Fiberglass Liner (FRP)
Pipe External:	45
Second Containment:	Vault (w/access)
Leak Detection:	14
Overfill Prot:	Float Vent Valve, Catch Basin
Dispenser:	Submersible
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	016
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19960801
Capacity (gals):	4000
Product Stored:	DIESEL
Tank Type:	Fiberglass reinforced plastic [FRP]
Tank Internal:	Fiberglass Liner (FRP)
Tank External:	45
Pipe Location:	Underground
Pipe Type:	STAINLESS STEEL ALLOY
Pipe Internal:	Fiberglass Liner (FRP)
Pipe External:	45
Second Containment:	Vault (w/access)
Leak Detection:	14
Overfill Prot:	Float Vent Valve, Catch Basin
Dispenser:	Submersible
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active

GETTY S/S #16 (Continued) **U000407468**

Facility Id:	2-326291
Program Type:	PBS
UTM X:	597906.51558999997
UTM Y:	4503909.2641899996
Expiration Date:	2014/03/23

Affiliation Records:

Site Id:	15197
Affiliation Type:	Owner
Company Name:	GETTY PETROLEUM MARKETING, INC.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	1500 HEMPSTEAD TURN,PIKE
Address2:	Not reported
City:	EAST MEADOW
State:	NY
Zip Code:	11554
Country Code:	001
Phone:	(516) 542-4900
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	4/23/2010

Site Id:	15197
Affiliation Type:	Mail Contact
Company Name:	GETTY PETROLEUM MARKETING, INC.
Contact Type:	AUTHORIZED SIGNATURE FOR CLIENT
Contact Name:	SCOTT HANLEY
Address1:	1500 HEMPSTEAD TURNPIKE
Address2:	Not reported
City:	EAST MEADOW
State:	NY
Zip Code:	11554
Country Code:	001
Phone:	(516) 542-4900
Phone Ext:	Not reported
Email:	SHANLEY@GETTY.COM
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	4/4/2012

Site Id:	15197
Affiliation Type:	On-Site Operator
Company Name:	GETTY S/S #16
Contact Type:	Not reported
Contact Name:	A&S CAR CLEAN LLC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 641-8260
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported

GETTY S/S #16 (Continued) **U000407468**

Modified By:	NRLOMBAR
Date Last Modified:	4/23/2010

Site Id:	15197
Affiliation Type:	Emergency Contact
Company Name:	GETTY PETROLEUM MARKETING, INC.
Contact Type:	Not reported
Contact Name:	SCOTT HANLEY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 324-5110
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2/3/2012

Tank Info:

Tank Number:	017
Tank Id:	51257

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
K00 - Spill Prevention - None
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I05 - Overfill - Vent Whistle
L00 - Piping Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	06/01/1996
Capacity Gallons:	240
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	07/12/2007
Register:	True
Modified By:	NRLOMBAR
Last Modified:	08/15/2007

Tank Number:	018
Tank Id:	51258

Equipment Records:

A00 - Tank Internal Protection - None

GETTY S/S #16 (Continued) **U000407468**

D01 - Pipe Type - Steel/Carbon Steel/Iron
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I05 - Overfill - Vent Whistle
G04 - Tank Secondary Containment - Double-Walled (Underground)
K00 - Spill Prevention - None
L00 - Piping Leak Detection - None

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	06/01/1996
Capacity Gallons:	180
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	07/12/2007
Register:	True
Modified By:	NRLOMBAR
Last Modified:	08/15/2007

HIST AST:

PBS Number:	2-326291
SWIS Code:	6301
Operator:	A&S CAR WASH, INC
Facility Phone:	(718) 641-8260
Facility Addr2:	98021 ROCKAWAY BLVD
Facility Type:	RETAIL GASOLINE SALES
Emergency:	LUIS OCHOTORENA
Emergency Tel:	(718) 729-6500
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	GETTY PETROLEUM MARKETING, INC.
Owner Address:	125 JERICHO TURNPIKE
Owner City,St,Zip:	JERICHO, NY 11753
Federal ID:	Not reported
Owner Tel:	(718) 729-6500
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	JOHN V. CATAPANO, PE
Mailing Name:	CATAPANO ENGINEERING, PC
Mailing Address:	125 BAYLIS ROAD
Mailing Address 2:	SUITE 330
Mailing City,St,Zip:	MELVILLE, NY 11747
Mailing Telephone:	(631) 694-9696
Owner Mark:	Second Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	11/24/2000
Expiration:	03/23/2004

GETTY S/S #16 (Continued) **U000407468**

Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	16240
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	63
Town or City Code:	01
Region:	2

Tank ID:	017
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	19960601
Capacity (Gal):	240
Product Stored:	USED OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	01
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	00
Tank Containment:	Vault (w/access)
Leak Detection:	00
Overfill Protection:	06
Dispenser Method:	0
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	018
Tank Location:	ABOVEGROUND
Tank Status:	Tank Converted To Non-Regulated Use
Install Date:	19960601
Capacity (Gal):	180
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	01
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	00
Tank Containment:	Vault (w/access)
Leak Detection:	00

GETTY S/S #16 (Continued) **U000407468**

Overfill Protection:	06
Dispenser Method:	0
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	08/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

M52 **GETTY S/S #16** **UST** **U004062918**
SW **98-21 ROCKAWAY BOULEVARD** **N/A**
1/8-1/4 **OZONE PARK, NY 11417**
0.151 mi.
795 ft. **Site 4 of 7 in cluster M**

Relative:
Lower

Actual:
34 ft.

UST:

Facility Id:	2-326291
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS
Expiration Date:	2014/03/23
UTM X:	597906.51558999997
UTM Y:	4503909.2641899996

Affiliation Records:

Site Id:	15197
Affiliation Type:	Owner
Company Name:	GETTY PETROLEUM MARKETING, INC.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	1500 HEMPSTEAD TURN,PIKE
Address2:	Not reported
City:	EAST MEADOW
State:	NY
Zip Code:	11554
Country Code:	001
Phone:	(516) 542-4900
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	4/23/2010

Site Id:	15197
Affiliation Type:	Mail Contact
Company Name:	GETTY PETROLEUM MARKETING, INC.
Contact Type:	AUTHORIZED SIGNATURE FOR CLIENT
Contact Name:	SCOTT HANLEY
Address1:	1500 HEMPSTEAD TURNPIKE
Address2:	Not reported
City:	EAST MEADOW
State:	NY
Zip Code:	11554
Country Code:	001

GETTY S/S #16 (Continued) **U004062918**

Phone:	(516) 542-4900
Phone Ext:	Not reported
Email:	SHANLEY@GETTY.COM
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	4/4/2012

Site Id:	15197
Affiliation Type:	On-Site Operator
Company Name:	GETTY S/S #16
Contact Type:	Not reported
Contact Name:	A&S CAR CLEAN LLC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 641-8260
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	4/23/2010

Site Id:	15197
Affiliation Type:	Emergency Contact
Company Name:	GETTY PETROLEUM MARKETING, INC.
Contact Type:	Not reported
Contact Name:	SCOTT HANLEY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 324-5110
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2/3/2012

Tank Info:

Site ID:	15197

Tank Number:	001
Tank ID:	26488
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction
C00 - Pipe Location - No Piping

GETTY S/S #16 (Continued) **U004062918**

F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
G03 - Tank Secondary Containment - Vault (w/o access)
B00 - Tank External Protection - None
I00 - Overfill - None

Install Date:	10/01/1976
Capacity Gallons:	2000
Tightness Test Method:	00
Next Test Date:	Not reported
Date Tank Closed:	06/01/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	09/01/1993
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	15197
Tank Number:	002
Tank ID:	26489
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

G03 - Tank Secondary Containment - Vault (w/o access)
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
I00 - Overfill - None

Install Date:	07/01/1966
Capacity Gallons:	550
Tightness Test Method:	00
Next Test Date:	Not reported
Date Tank Closed:	06/01/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	09/01/1993
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	15197
Tank Number:	003
Tank ID:	26490
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping

GETTY S/S #16 (Continued) **U004062918**

F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction
H00 - Tank Leak Detection - None
G03 - Tank Secondary Containment - Vault (w/o access)
I00 - Overfill - None

Install Date:	07/01/1966
Capacity Gallons:	550
Tightness Test Method:	00
Next Test Date:	Not reported
Date Tank Closed:	06/01/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	09/01/1993
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	15197
Tank Number:	004
Tank ID:	26491
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

G03 - Tank Secondary Containment - Vault (w/o access)
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
I00 - Overfill - None

Install Date:	07/01/1966
Capacity Gallons:	550
Tightness Test Method:	00
Next Test Date:	Not reported
Date Tank Closed:	06/01/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	09/01/1993
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	15197
Tank Number:	005
Tank ID:	26492
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

GETTY S/S #16 (Continued) **U004062918**

A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
G03 - Tank Secondary Containment - Vault (w/o access)
B00 - Tank External Protection - None
I00 - Overfill - None

Install Date:	07/01/1966
Capacity Gallons:	550
Tightness Test Method:	00
Next Test Date:	Not reported
Date Tank Closed:	06/01/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	09/01/1993
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	15197
Tank Number:	006
Tank ID:	26493
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
G03 - Tank Secondary Containment - Vault (w/o access)
B00 - Tank External Protection - None
I00 - Overfill - None

Install Date:	07/01/1966
Capacity Gallons:	550
Tightness Test Method:	00
Next Test Date:	Not reported
Date Tank Closed:	06/01/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	09/01/1993
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	15197
Tank Number:	007
Tank ID:	26494
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

GETTY S/S #16 (Continued) **U004062918**

Equipment Records:

G03 - Tank Secondary Containment - Vault (w/o access)
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction
I00 - Overfill - None

Install Date:	07/01/1966
Capacity Gallons:	550
Tightness Test Method:	00
Next Test Date:	Not reported
Date Tank Closed:	06/01/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	09/01/1993
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	15197
Tank Number:	008
Tank ID:	26495
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction
H00 - Tank Leak Detection - None
G03 - Tank Secondary Containment - Vault (w/o access)
I00 - Overfill - None

Install Date:	07/01/1966
Capacity Gallons:	550
Tightness Test Method:	00
Next Test Date:	Not reported
Date Tank Closed:	06/01/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	09/01/1993
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	15197
Tank Number:	009
Tank ID:	26496
Tank Status:	Closed - Removed

GETTY S/S #16 (Continued) **U004062918**

Tank Type: Steel/carbon steel
Pipe Model: Not reported

Equipment Records:

G03 - Tank Secondary Containment - Vault (w/o access)
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction
I00 - Overfill - None

Install Date: 07/01/1966
Capacity Gallons: 550
Tightness Test Method: 00
Next Test Date: Not reported
Date Tank Closed: 06/01/1996
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: 09/01/1993
Registered: True
Modified By: TRANSLAT
Last Modified: 03/04/2004

Site ID: 15197

Tank Number: 010
Tank ID: 26497
Tank Status: Closed - Removed
Tank Type: Steel/carbon steel
Pipe Model: Not reported

Equipment Records:

A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
I00 - Overfill - None

Install Date: 07/01/1966
Capacity Gallons: 550
Tightness Test Method: 00
Next Test Date: Not reported
Date Tank Closed: 06/01/1996
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: 09/01/1993
Registered: True
Modified By: TRANSLAT
Last Modified: 03/04/2004

Site ID: 15197

Tank Number: 011

GETTY S/S #16 (Continued) **U004062918**

Tank ID: 26498
Tank Status: Closed - Removed
Tank Type: Steel/carbon steel
Pipe Model: Not reported

Equipment Records:
G03 - Tank Secondary Containment - Vault (w/o access)
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
I00 - Overfill - None
Install Date: 07/01/1966
Capacity Gallons: 550
Tightness Test Method: 00
Next Test Date: Not reported
Date Tank Closed: 06/01/1996
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: 09/01/1993
Registered: True
Modified By: TRANSLAT
Last Modified: 03/04/2004

Site ID: 15197

Tank Number: 012
Tank ID: 26499
Tank Status: Closed - Removed
Tank Type: Steel/carbon steel
Pipe Model: Not reported

Equipment Records:
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
G03 - Tank Secondary Containment - Vault (w/o access)
B00 - Tank External Protection - None
I00 - Overfill - None
Install Date: 07/01/1966
Capacity Gallons: 550
Tightness Test Method: 00
Next Test Date: Not reported
Date Tank Closed: 06/01/1996
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: 09/01/1993
Registered: True
Modified By: TRANSLAT
Last Modified: 03/04/2004

Site ID: 15197

GETTY S/S #16 (Continued) **U004062918**

Tank Number: 013
Tank ID: 170087
Tank Status: In Service
Tank Type: Equivalent technology
Pipe Model: Not reported

Equipment Records:

F05 - Pipe External Protection - Jacketed
H99 - Tank Leak Detection - Other
L08 - Piping Leak Detection - Tank Top Sump
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
A00 - Tank Internal Protection - None
J01 - Dispenser - Submersible
I01 - Overfill - Float Vent Valve
F04 - Pipe External Protection - Fiberglass
K01 - Spill Prevention - Catch Basin
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
B05 - Tank External Protection - Jacketed
E04 - Piping Secondary Containment - Double-Walled (Underground)
B04 - Tank External Protection - Fiberglass

Install Date: 08/01/1996
Capacity Gallons: 4000
Tightness Test Method: 21
Next Test Date: Not reported
Date Tank Closed: Not reported
Tank Location: 5
Tank Type: Equivalent technology
Date Test: 06/09/2009
Registered: True
Modified By: BKFALVEY
Last Modified: 12/22/2009

Site ID: 15197

Tank Number: 013-A
Tank ID: 170783
Tank Status: Closed - Removed
Tank Type: Steel/carbon steel
Pipe Model: Not reported

Equipment Records:

G03 - Tank Secondary Containment - Vault (w/o access)
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
I00 - Overfill - None

Install Date: 07/01/1966
Capacity Gallons: 550
Tightness Test Method: NN
Next Test Date: Not reported

GETTY S/S #16 (Continued) **U004062918**

Date Tank Closed:	06/01/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	15197
Tank Number:	014
Tank ID:	51259
Tank Status:	In Service
Tank Type:	Equivalent technology
Pipe Model:	Not reported

Equipment Records:

C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
I01 - Overfill - Float Vent Valve
F05 - Pipe External Protection - Jacketed
H99 - Tank Leak Detection - Other
L08 - Piping Leak Detection - Tank Top Sump
B05 - Tank External Protection - Jacketed
E04 - Piping Secondary Containment - Double-Walled (Underground)
F04 - Pipe External Protection - Fiberglass
K01 - Spill Prevention - Catch Basin
A00 - Tank Internal Protection - None
J01 - Dispenser - Submersible
B04 - Tank External Protection - Fiberglass

Install Date:	08/01/1996
Capacity Gallons:	4000
Tightness Test Method:	21
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Equivalent technology
Date Test:	06/09/2009
Registered:	True
Modified By:	BKFALVEY
Last Modified:	12/22/2009
Site ID:	15197
Tank Number:	015
Tank ID:	51260
Tank Status:	In Service
Tank Type:	Equivalent technology
Pipe Model:	Not reported

Equipment Records:

D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector

GETTY S/S #16 (Continued) **U004062918**

B05 - Tank External Protection - Jacketed
E04 - Piping Secondary Containment - Double-Walled (Underground)
A00 - Tank Internal Protection - None
J01 - Dispenser - Submersible
F05 - Pipe External Protection - Jacketed
H99 - Tank Leak Detection - Other
L08 - Piping Leak Detection - Tank Top Sump
F04 - Pipe External Protection - Fiberglass
K01 - Spill Prevention - Catch Basin
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
I01 - Overfill - Float Vent Valve
B04 - Tank External Protection - Fiberglass

Install Date:	08/01/1996
Capacity Gallons:	4000
Tightness Test Method:	21
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Equivalent technology
Date Test:	06/09/2009
Registered:	True
Modified By:	BKFALVEY
Last Modified:	12/22/2009
Site ID:	15197
Tank Number:	016
Tank ID:	51261
Tank Status:	In Service
Tank Type:	Equivalent technology
Pipe Model:	Not reported

Equipment Records:

C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
F04 - Pipe External Protection - Fiberglass
K01 - Spill Prevention - Catch Basin
A00 - Tank Internal Protection - None
J01 - Dispenser - Submersible
I01 - Overfill - Float Vent Valve
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
B05 - Tank External Protection - Jacketed
E04 - Piping Secondary Containment - Double-Walled (Underground)
F05 - Pipe External Protection - Jacketed
H99 - Tank Leak Detection - Other
L08 - Piping Leak Detection - Tank Top Sump
B04 - Tank External Protection - Fiberglass

Install Date:	08/01/1996
Capacity Gallons:	4000
Tightness Test Method:	21
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5

GETTY S/S #16 (Continued) **U004062918**

Tank Type:	Equivalent technology
Date Test:	06/09/2009
Registered:	True
Modified By:	BKFALVEY
Last Modified:	12/22/2009

M53 SW 1/8-1/4 0.151 mi. 795 ft. | **GETTY S/S #16 - GETTY PROPERTIES**
98-21 ROCKAWAY BLVD
OZONE PARK, NY | **MANIFEST NY Spills** | **S107521781 N/A**

Site 5 of 7 in cluster M

Relative: Lower

Actual: 34 ft.

NY MANIFEST:

EPA ID:	NYR000026799
Country:	USA
Mailing Name:	GETTY PETROLEUM CORP
Mailing Contact:	STEVE GORDON
Mailing Address:	98-21 ROCKAWAY BOULEVARD
Mailing Address 2:	Not reported
Mailing City:	OZONE PARK
Mailing State:	NY
Mailing Zip:	11416
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	999-999-9999

NY MANIFEST:

No Manifest Records Available

SPILLS:

Facility ID:	0707050
DER Facility ID:	307793
Facility Type:	ER
Site ID:	387672
DEC Region:	2
Spill Number:	0707050
Spill Date:	9/26/2007
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Date:	6/30/2008
SWIS:	4101
Investigator:	smsanges
Referred To:	Not reported
Reported to Dept:	9/26/2007
CID:	444
Water Affected:	Not reported
Spill Source:	Gasoline Station
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	True
Remediation Phase:	0
Date Entered In Computer:	9/26/2007
Spill Record Last Update:	6/30/2008

GETTY S/S #16 - GETTY PROPERTIES (Continued) **S107521781**

Spiller Name:	MIKE CARR\\
Spiller Company:	GETTY#16
Spiller Address:	98-21 ROCKAWAY
Spiller City,St,Zip:	OZONE PARK, NY
Spiller Company:	001
Contact Name:	MIKE CARR\\
Contact Phone:	(518) 369-7822 CELL
DEC Memo:	Tyree report shows Metro Environmental tested the lines/dispenser no leaks. Dispenser fueling hose repaired. No spill -
Remarks:	DISPENSER SHUT DOWN PENDING LINE TEST

Material:

Site ID:	387672
Operable Unit ID:	1144873
Operable Unit:	01
Material ID:	2135186
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

Facility ID:	9604124
DER Facility ID:	152679
Facility Type:	ER
Site ID:	182101
DEC Region:	2
Spill Number:	9604124
Spill Date:	6/26/1996
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Date:	Not Closed
SWIS:	4101
Investigator:	KGHALE
Referred To:	MONTHLY EFR ON W-7
Reported to Dept:	6/26/1996
CID:	349
Water Affected:	Not reported
Spill Source:	Gasoline Station

GETTY S/S #16 - GETTY PROPERTIES (Continued) **S107521781**

Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	True
Remediation Phase:	5
Date Entered In Computer:	6/26/1996
Spill Record Last Update:	2/8/2012
Spiller Name:	JOE PIZEL
Spiller Company:	GETTY GAS STATION
Spiller Address:	98-21 ROCKAWAY BLVD
Spiller City,St,Zip:	OZONE PARK, NY
Spiller Company:	001
Contact Name:	JOE PIZEL
Contact Phone:	(516) 249-3150 280
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "VOUGHT"3/14/03 REASSIGNED FROM ROMMEL TO VOUGHT. 3/17/07-Vought-File review by Vought:Tank Closure Report (Tyree Org)-August 1997. UST removal performed as part of a service station upgrade. Site consists of a convenience store with car wash. Two pump islands located adjacent to Rockaway Blvd. "The surrounding area consists primarily of retail/commercial spaces located along Rockaway Blvd". Tyree removed sixteen USTs from three separate excavations. One (2000-gallon) UST was abandoned in place due to proximity to municipal sewer line and Tyree performed four soil borings around this tank. Approximately 810 tons of soil were removed from the site. Tank upgrade included the installation of four (4000-gallon) gasoline USTs which were placed in an existing tank excavation and SVE wells were installed surrounding the new USTs and "if warranted these wells can be utilized in an active vapor extraction system in the future. Five endpoint samples were collected from each of the three excavations. Soil analyticals show 1840ppb xylene(Excavation C Sample #2 7.0'bg) and 6050ppb 1,3,5-trimethylbenzene(Excavation C Sample #2 7.0'bg). Groundwater analyticals show 127ppb MTBE(2,000 gallon tank abandonment Sample #3 Bor 1).Letter from DEC(O'Dowd) to Getty(Ochotorena)-4/16/98. Letter sent requiring "conduct an adequate subsurface investigation to delineate the full extent of gasoline contamination on-site and off-site" with the results due to the DEC by 7/31/98.Quarterly Monitoring Report (Tyree Org) July 1998 thru Jan 1999. Four monitoring wells onsite. Groundwater at depth of 26-27' and regional flow direction "is expected to be towards the south". Groundwater flow cannot be determined "due to presence of a pumping well on the site". Groundwater analyticals show 477ppb ethylbenzene(W-3), 782ppb xylene(W-3).Subsurface Investigation Report (Tyree Org) April 1999. "Three pump islands adjacent to Rockaway Parkway". Installation of four monitoring wells. Groundwater flow to the southwest. Soil analyticals show no TAGM 4046 Soil Cleanup Objective exceedences. Groundwater analyticals show 270ppb ethylbenzene(W-3), 325ppb xylene(W-3) and 197ppb MTBE(W-3).Quarterly Monitoring Report (Tyree Org) October 1998 thru Jan 1999. Four monitoring wells onsite. Groundwater at depth of 27-29' and flows to the south. Groundwater analyticals show 270ppb ethylbenzene(W-3), 324ppb xylene(W-3).Quarterly Monitoring Report (Tyree Org) Jan 1999 thru Jan 2000. Four monitoring wells onsite. Groundwater at depth of 27-29' and flows to the southwest. Groundwater analyticals show 29ppb ethylbenzene(W-3), 128ppb xylene(W-3) and 485ppb MTBE(W-3).Quarterly

GETTY S/S #16 - GETTY PROPERTIES (Continued) **S107521781**

Monitoring Report (Tyree Org) Feb 2000 thru April 2001. Four monitoring wells onsite. Groundwater at depth of 27-29' and flows to the south. Groundwater analyticals show 7.13ppb benzene(W-3) and 70.8ppb MTBE(W-3).Letter from Tyree Brothers to DEC(Rommel)-6/15/01. "This letter is sent by the Tyree Organization to respectfully request....remove wells 1,2,4 from monitoring/sampling regimen, leaving well 3. These changes will be effected as of July 1, 2001. If there are any objections to these changes, please notify us in writing....".Quarterly Monitoring Report (Tyree Org) May 2001 thru Oct 2001. Four monitoring wells onsite. Groundwater at depth of 27-29' and flows to the south. Groundwater analyticals only from W-3 show no Groundwater Standard exceedences.Historical Data Compilation (Tyree Org)-December 2001. Complilation includes No Further Action Request.Quarterly Monitoring Reports (Tyree Org) November 2001 thru January 2004. One monitoring well being sampled. Groundwater at depth of 27-28' and flows to the south. Groundwater analyticals show no Groundwater Standard exceedences.3/17/04-Vought-DEC requires 1)collection of three groundwater samples from downgradient (southerly) locations from each of the three former excavations. Vought sent letter with above requirements on 3/18/04.08/31/2005 - Feng - Project transferred from Vought to Feng.10/21/2005 - Feng - Geoprobe Investigation performed by Tyree on April 1, 2004. three (3) borings were performed downgradient from the former tankfields. B-1 and B-2 found high contamination. For B-1, 301ppb Ethylbenzene, 731ppb Total Xylenes, 192ppb Isopropylbenzene, 324ppb n-Propylbenzene, 145ppb 1,3,5-Trimethylbenzene, 2,110ppb 1,2,4-Trimethylbenzene. For B-2, 10,800ppb Toluene, 3,530ppb Ethylbenzene, 20,140ppb Total Xylenes, 685ppb 1,3,5-Trimethylbenzene, 2,580ppb 1,2,4-Trimethylbenzene. Tyree recommends to install 2 monitoring wells in the location of B-1 and B-2. 10/24/2005 - Feng - Monitoring Wells installation, November 12, 2004. On 10/28/2004, Tyree installed two (2) additional groundwater monitoring wells (W-5 and W-6) on the southern sidewalk of Rockway Blvd, downgradient from former B-1 and B-2 boring location in Getty S/S #16. Analyticals show low contamination, the highest total Xylenes in W-5 is 208.16ppb. Continueous monitoring is necessary. 10/24/2005 - Feng - Quarterly Monitoring Report, 5/2005 - 7/2005. groundwater flows southwesterly in depth of 26.07' to 26.21' below grade. W-3 blow MDL. W-5 and W-6 which are newly installed on 11/2004 show decreaseing in BTEX and MTBE below MDL. 11/3/2005 - Feng - Quarterly Monitoring Report, 8/2005 - 10/2005. groundwater flows southwesterly in depth of 26.59' to 26.76' below grade. 3 monitoring wells sampled. W-3 blow MDL. W-5 and W-6 which are newly installed on 11/2004 show decreaseing in BTEX and MTBE below MDL. W-5, 6 BTEX and MTBE BDL. W-6, BTEX BDL and 1 MTBE.4/10/2006 - Feng - database updated - 4/7/2006 emailed to Paul Lindell and Paul Hatcher for localized treatment for this site. (RJF)6/23/2006 - Feng - Quarterly Monitoring Report, 2/2006 - 4/2006. The site is active gasoline service station with car wash. As of sampling on 4/21/2006, groundwater flows to south at depth of 26.04' to 26.21' bg. 4 monitoring wells on and off site. W-3, W-5 and W-6 are ND in BTEX and MTBE. W-7, 36,570 ppb BTEX (Benzene ND, 5,350 ppb Toluene, 4,520 ppb Ethylbenzene, 26,700 ppb Xylenes), MTBE ND. As per the meeting on 5/18/2006, EVFR will be conducting on W-7 for localized treatment. (RJF)9/11/2006 - Feng - Quarterly Monitoring Report, 5/2006 - 7/2006, by Tyree. The site is active gasoline service station with car wash. Quarterly gauging and sampling on 7/24/2006. Groundwater flows to south at the depth of 25.57' to

GETTY S/S #16 - GETTY PROPERTIES (Continued) **S107521781**

25.78' bg. 4 monitoring wells. W-3, W-5, and W-6 are low. W-7, 33,940 ppb BTEX (ND B, 5,320 ppb T, 4,120 ppb E, 24,500 ppb X), MTBE ND. A letter sent to Kevin Shea (Getty Properties) for submission of RAP, RAP due 11/27/2006. (RJF)1/18/2007 - Feng - Getty Properties portfolio meeting with Tyree and Delta. RAP will be submitted 6/2007. 1/22/2007 - Feng - Quarterly Monitoring Report, 8/2006 - 10/2006, 11/20/2006, by Tyree. Groundwater sampled and gauged 10/3/2006. 4 monitoring wells. DTW 25.82' to 26.08' bg. Flow south. W-7, 35,274 ppb BTEX, MTBE ND. (RJF)6/6/2007 - Feng - Quarterly Monitoring Report, 11/2006 - 1/2007, 2/2007. Groundwater monitored 1/22/2007. 4 monitoring wells. DTW 25.94' to 26.10' bg. Flows southerly. W-3, ND. W-5, 668 ppb BTEX, MTBE ND. W-6, 20 ppb BTEX, MTBE ND. W-7, 30,320 ppb BTEX, MTBE ND. (RJF)6/26/2007 - Feng - Quarterly Monitoring Report, 2/2007 - 4/2007, 4/2007. Groundwater sampled 4/9/2007. 4 monitoring wells. DTW 26.02' to 26.24' bg. Flows to south. No LNAPL. No MTBE. W-3, BTEX ND. W-5, 282 ppb BTEX. W-6, 275 ppb BTEX. W-7, 27,800 ppb BTEX. (RJF)11/7/2007 - Feng - Quarterly Monitoring Report, 5/2007 - 7/2007, 8/2007. Groundwater sampled 7/26/2007. 4 monitoring wells. DTW 25.43' to 26.78' bg. Flows to south. No LNAPL. BTEX range ND to 10,970 ppb (W-7). MTBE ND. (RJF)11/8/2008 - Feng - Portfolio meeting with Delta and Tyree. Conducted EFR on MW-7 (1-inch well), but not much recovery. Tyree will install bigger well and put together in RAP by the end of 11/2007. EFR or ORC injection will be proposed. (RJF)11/26/2007 - Feng - Email Paul Lindell (Delta) and Paul Hatcher (Tyree) reminding the RAP due by the end of 11/2007. (RJF)1/28/2008 - Feng - Quarterly Monitoring Report, 8/2007 - 10/2007, 10/2007. Active gasoline service station with car wash. Groundwater gauged and monitored 10/19/2007. 4 monitoring wells, W-7 was not sampled. DTW 25.73' to 25.95' bg. Flows to south. No LNAPL. BTEX range ND to 734 ppb (W-5). MTBE ND. Reviewed the RAP, dated 11/29/2007. Tyree proposed to ocnvert the 1-inch diameter well into 4-inch diameter well and monthly EFVR events will be conducted. RAP approved and required to implement the RAP by 3/31/2008. (RJF)5/14/2008 - Feng - Quarterly Monitoring Report, 11/2007 - 1/2008, 2/2008. Active gasoline service station with car wash. Groundwater was gauged and sampled 1/25/2008. 4 monitoring wells, W-7 was not sampled. DTW 25.76' to 26.01' bg. Flows to south. No LNAPL. BTEX range ND to 120 ppb (W-6). MTBE ND. Noted that W-7 will be redrilled with a 4-inch well and EVRs will be conducted on a monthly basis. (RJF)7/11/2008 - 2Q2008, 2/2008 - 4/2008, 5/2008. Active gasoline service station with car wash. Groundwater was gauged and sampled 4/8/2008. 4 monitoring wells. DTW 25.62' to 26.07' bg. Flows to south. No LNAPL. BTEX range ND to 15,841 ppb (W-7). MTBE ND. W-7 was re-drilled into 4-inch diameter on 4/9/2008. EFR was conducted at W-7 on 4/11/2008, a total of 191 gallons of gasoline/water mixture was removed. (RJF)9/4/2008 - Getty Properties portfolio meeting with Tyree and Delta. Check the W-1 and W-2 history and continue monthly EFR, will totalizing the recoveries next quarter. Survey the W-7 for hydrograph. (RJF)1/6/2009 - Getty Properties portfolio meeting with Tyree and Delta. Received quarterly and under review to check if all the last meeting requirements have been addressed. (RJF)4/22/2009 - Quarterly Monitoring Report, 5/2008 - 7/2008, 8/2008, by Tyree. Active gasoline service station with car wash. Groundwater was gauged and sampled 7/18/2008. 4 monitoring wells. DTW 25.72' to 26.19' bg. Flows to south. NO LNAPL. BTEX range ND to 19,412 ppb (W-7). MTBE ND. EVR on W-7 on 6/2/2008, remomved 79 gallons of gasoline/water mixutre. EVR on W-7 on 6/16/2008, removed 220 gallons of

GETTY S/S #16 - GETTY PROPERTIES (Continued) **S107521781**

gasoline/water mixture. Quarterly Monitoring Report, 8/2008 - 10/2008, 11/2008, by Tyree. Active gasoline service station with car wash. Groundwater was gauged and sampled 10/3/2008. 4 monitoring wells. DTW 25.68' to 26.12' bg. Flows to south. BTEX range ND to 17,498 ppb (W-7). MTBE ND. EVR conducted on W-7 on 9/5/2008, remomved 318 gallons of gasoline/water mixture. EVR on W-7 on 9/27/2008, removed 295 gallons of gasoline/water mixture. EVR on W-7 on 10/16/2008, removed 265 gallons of gasoline/water mixture. (RJF)9/4/2009 - Quarterly Monitoring Report, 4/2009 - 6/2009, 5/2009, pdf via email 7/27/2009, by Tyree. Active gasoline service station with car wash. 4 monitoring wells. Monthly gauged. Quarterly sampled on 4/14/2009. DTW 25.66' to 26.97' bg. flows to south. NO LNAPL. BTEX range ND to 15,956.4 ppb (W-7). MTBE range ND. EFR on W-7 on 3/13/2009 removed 361 gallons, on 5/28/2009 removed 122 gallons, on 6/3/2009 removed 230 gallons. W-1 and W-2 have been added to the sampling program, but no groundwater from W-1 and W-2 were sampled, these two weels were only gauged. (RJF)11/16/2011 - email from Tyree "Hassan and Joseph,Attached you will find the 3rd Quarter 2011 Quarterly Monitoring Report for Getty Service Station #16, located at 98-21 Rockaway Boulevard, Ozone Park, New York, for your review.Of note:During a meeting between the NYSDEC, Antea Group, and Tyree that took place on July 14, 2010, the NYSDEC agreed to the request to abandon monitoring well MW-2. The abandonment of monitoring well MW-2 is planned to take place during November 2011.If you should have any questions, please feel free to contact me.Thank you,Tom FrancoThomas D. FrancoEnvironmental Project ManagerTyree Environmental Corporation125 Commerce DriveBrookfield, Connecticut 06804T: (203) 740-8200 x: 222 F: (203) 740-0450C: (774) 248-4181tfranco@tyreeorg.com "

Remarks: CONTAMINATED SOIL FOUND DURING UNDERGROUND TANK REMOVAL

Material:

Site ID:	182101
Operable Unit ID:	1031768
Operable Unit:	01
Material ID:	350411
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

GETTY S/S #16 - GETTY PROPERTIES (Continued) **S107521781**

Click this hyperlink while viewing on your computer to access additional NY_SPILL: detail in the EDR Site Report.

M54 **BENNETT SCHOLEY RICE** **RCRA NonGen / NLR** **1000314279**
SW **98-08 ROCKAWAY BLVD** **FINDS** **NYD982793283**
1/8-1/4 **OZONE PARK, NY 11417** **MANIFEST**
0.155 mi.
816 ft. **Site 6 of 7 in cluster M**

Relative:
Lower

Actual:
34 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	BENNETT SCHOLEY RICE
Facility address:	98-08 ROCKAWAY BLVD OZONE PARK, NY 114171617
EPA ID:	NYD982793283
Mailing address:	MERRICK RD - BOX 710 ROCKVILLE CENTRE, NY 11571
Contact:	Not reported
Contact address:	MERRICK RD - BOX 710 ROCKVILLE CENTRE, NY 11571
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	BENNETT SCHOLEY RICE
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	BENNETT SCHOLEY RICE
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No

BENNETT SCHOLEY RICE (Continued) **1000314279**

Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	01/01/2006
Facility name:	BENNETT SCHOLEY RICE
Classification:	Not a generator, verified
Date form received by agency:	07/08/1999
Facility name:	BENNETT SCHOLEY RICE
Classification:	Not a generator, verified
Date form received by agency:	08/17/1989
Facility name:	BENNETT SCHOLEY RICE
Classification:	Large Quantity Generator
Violation Status:	No violations found

FINDS:

Registry ID: 110004434318

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

EPA ID:	NYD982793283
Country:	USA
Mailing Name:	BENNETT SCHOLEY & RICE
Mailing Contact:	BENNETT SCHOLEY & RICE
Mailing Address:	255 MERRICK RD
Mailing Address 2:	Not reported
Mailing City:	ROCKVILLE CENTRE
Mailing State:	NY
Mailing Zip:	11570
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	516-766-0081
Document ID:	NYA8316891
Manifest Status:	Completed copy
Trans1 State ID:	000000000
Trans2 State ID:	000000000
Generator Ship Date:	890818

BENNETT SCHOLEY RICE (Continued) **1000314279**

Trans1 Recv Date:	890818
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	890822
Part A Recv Date:	890906
Part B Recv Date:	890829
Generator EPA ID:	NYD982793283
Trans1 EPA ID:	NYD006801245
Trans2 EPA ID:	Not reported
TSDF ID:	NYD082785429
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00220
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	89

M55 **ROCK 98 AUTO REPAIR SERV INC** **UST** **U001837573**
SW **98-08 ROCKAWAY BLVD** **HIST UST** **N/A**
1/8-1/4 **OZONE PARK, NY 11417**
0.155 mi.
816 ft. **Site 7 of 7 in cluster M**

Relative:
Lower

Actual:
34 ft.

UST:

Facility Id:	2-361348
Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Program Type:	PBS
Expiration Date:	N/A
UTM X:	597892.61872999999
UTM Y:	4503899.0886700004

Affiliation Records:

Site Id:	18238
Affiliation Type:	Owner
Company Name:	MARION GAROFANO
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	343 STEWART AVE
Address2:	Not reported
City:	GARDEN CITY
State:	NY
Zip Code:	11530
Country Code:	001
Phone:	(516) 746-7740
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	18238
Affiliation Type:	Mail Contact
Company Name:	MARION GAROFANO
Contact Type:	Not reported
Contact Name:	Not reported

ROCK 98 AUTO REPAIR SERV INC (Continued) **U001837573**

Address1:	343 STEWART AVE
Address2:	Not reported
City:	GARDEN CITY
State:	NY
Zip Code:	11530
Country Code:	001
Phone:	(516) 746-7740
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	18238
Affiliation Type:	On-Site Operator
Company Name:	ROCK 98 AUTO REPAIR SERV INC
Contact Type:	Not reported
Contact Name:	ROCK 98 AUTO REPAIR SERV INC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 845-9756
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	18238
Affiliation Type:	Emergency Contact
Company Name:	MARION GAROFANO
Contact Type:	Not reported
Contact Name:	VINCENT M COMPETELLO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 845-9756
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Site ID:	18238

Tank Number:	0D1
Tank ID:	22085
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

ROCK 98 AUTO REPAIR SERV INC (Continued) **U001837573**

Equipment Records:

D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
I00 - Overfill - None

Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	18238
Tank Number:	0D2
Tank ID:	22086
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None

Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	18238
Tank Number:	0D3
Tank ID:	22087
Tank Status:	Closed - Removed

ROCK 98 AUTO REPAIR SERV INC (Continued) **U001837573**

Tank Type:	Steel/carbon steel
Pipe Model:	Not reported
Equipment Records:	
	D00 - Pipe Type - No Piping
	G00 - Tank Secondary Containment - None
	H99 - Tank Leak Detection - Other
	A00 - Tank Internal Protection - None
	J02 - Dispenser - Suction
	C00 - Pipe Location - No Piping
	F00 - Pipe External Protection - None
	B00 - Tank External Protection - None
	I00 - Overfill - None
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	18238
Tank Number:	0D4
Tank ID:	22088
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported
Equipment Records:	
	D00 - Pipe Type - No Piping
	G00 - Tank Secondary Containment - None
	H99 - Tank Leak Detection - Other
	B00 - Tank External Protection - None
	A00 - Tank Internal Protection - None
	J02 - Dispenser - Suction
	C00 - Pipe Location - No Piping
	F00 - Pipe External Protection - None
	I00 - Overfill - None
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	18238
Tank Number:	0D5

ROCK 98 AUTO REPAIR SERV INC (Continued) **U001837573**

Tank ID: 22089
Tank Status: Closed - Removed
Tank Type: Steel/carbon steel
Pipe Model: Not reported

Equipment Records:
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None

Install Date: Not reported
Capacity Gallons: 550
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: Not reported
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Registered: True
Modified By: TRANSLAT
Last Modified: 03/04/2004

Site ID: 18238

Tank Number: 0S1
Tank ID: 22090
Tank Status: Closed - Removed
Tank Type: Steel/carbon steel
Pipe Model: Not reported

Equipment Records:
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
I00 - Overfill - None

Install Date: Not reported
Capacity Gallons: 550
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: Not reported
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Registered: True
Modified By: TRANSLAT
Last Modified: 03/04/2004

Site ID: 18238

ROCK 98 AUTO REPAIR SERV INC (Continued) **U001837573**

Tank Number:	0S2
Tank ID:	22091
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

B00 - Tank External Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None

Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Site ID:	18238

Tank Number:	0U1
Tank ID:	22080
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
I00 - Overfill - None

Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

ROCK 98 AUTO REPAIR SERV INC (Continued) **U001837573**

Site ID: 18238

Tank Number: 0U2
Tank ID: 22081
Tank Status: Closed - Removed
Tank Type: Steel/carbon steel
Pipe Model: Not reported

Equipment Records:
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
I00 - Overfill - None

Install Date: Not reported
Capacity Gallons: 550
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: Not reported
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Registered: True
Modified By: TRANSLAT
Last Modified: 03/04/2004

Site ID: 18238

Tank Number: 0U3
Tank ID: 22082
Tank Status: Closed - Removed
Tank Type: Steel/carbon steel
Pipe Model: Not reported

Equipment Records:
B00 - Tank External Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None

Install Date: Not reported
Capacity Gallons: 550
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: Not reported
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Registered: True
Modified By: TRANSLAT

ROCK 98 AUTO REPAIR SERV INC (Continued) **U001837573**

Last Modified: 03/04/2004

Site ID: 18238

Tank Number: 0U4
Tank ID: 22083
Tank Status: Closed - Removed
Tank Type: Steel/carbon steel
Pipe Model: Not reported

Equipment Records:
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None

Install Date: Not reported
Capacity Gallons: 550
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: Not reported
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Registered: True
Modified By: TRANSLAT
Last Modified: 03/04/2004

Site ID: 18238

Tank Number: 0U5
Tank ID: 22084
Tank Status: Closed - Removed
Tank Type: Steel/carbon steel
Pipe Model: Not reported

Equipment Records:
B00 - Tank External Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None

Install Date: Not reported
Capacity Gallons: 550
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: Not reported
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported

ROCK 98 AUTO REPAIR SERV INC (Continued) **U001837573**

Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

HIST UST:

PBS Number:	2-361348
SPDES Number:	Not reported
Emergency Contact:	VINCENT M COMPETELLO
Emergency Telephone:	(718) 845-9756
Operator:	ROCK 98 AUTO REPAIR SERV INC
Operator Telephone:	(718) 845-9756
Owner Name:	MARION GAROFANO
Owner Address:	343 STEWART AVE
Owner City,St,Zip:	GARDEN CITY, NY 11530
Owner Telephone:	(516) 746-7740
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Name:	MARION GAROFANO
Mailing Address:	343 STEWART AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	GARDEN CITY, NY 11530
Mailing Contact:	Not reported
Mailing Telephone:	(516) 746-7740
Owner Mark:	First Owner
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Facility Addr2:	9808 ROCKAWAY BLVD
SWIS ID:	6301
Old PBS Number:	Not reported
Facility Type:	Not reported
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	10/06/1987
Expiration Date:	10/06/1992
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	0
FAMT:	True
Facility Screen:	Minor Data Missing
Owner Screen:	Minor Data Missing
Tank Screen:	0
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	63
Town or City:	01
Region:	2

Tank Id:	0D1
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	NOS 1,2, OR 4 FUEL OIL

ROCK 98 AUTO REPAIR SERV INC (Continued) **U001837573**

Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	Other
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	0D2
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	Other
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	0D3
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported

ROCK 98 AUTO REPAIR SERV INC (Continued) **U001837573**

Pipe Location:	Not reported
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	Other
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	0D4
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	Other
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	0D5
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	Not reported
Pipe Internal:	Not reported

ROCK 98 AUTO REPAIR SERV INC (Continued) **U001837573**

Pipe External:	Not reported
Second Containment:	None
Leak Detection:	Other
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	0S1
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	Other
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	0S2
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	Other

ROCK 98 AUTO REPAIR SERV INC (Continued) **U001837573**

Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	0U1
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	Other
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	0U2
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	Other
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported

ROCK 98 AUTO REPAIR SERV INC (Continued) **U001837573**

Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	0U3
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	Other
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	0U4
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	Other
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported

ROCK 98 AUTO REPAIR SERV INC (Continued) **U001837573**

Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	0U5
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	Other
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

L56 **EDR US Hist Cleaners** **1014970007**
NE **10341 105TH ST** **N/A**
1/8-1/4 **OZONE PARK, NY 11417**
0.155 mi.
821 ft. **Site 2 of 2 in cluster L**

Relative:
Higher

Actual:
39 ft.

EDR Historical Cleaners:

Name:	GADURAS LAUNDROMAT INC
Year:	2005
Address:	10341 105TH ST

Name:	GADURAS LAUNDROMAT INC
Year:	2006
Address:	10341 105TH ST

Name:	GADURAS LAUNDROMAT INC
Year:	2007
Address:	10341 105TH ST

N57
NW
1/8-1/4
0.156 mi.
826 ft.

10312 101ST ST
OZONE PARK, NY 11417

EDR US Hist Auto Stat **1015134433**
N/A

Site 1 of 3 in cluster N

Relative:
Higher

Actual:
36 ft.

EDR Historical Auto Stations:

Name: THE CAR PLACE INC
Year: 2002
Address: 10312 101ST ST

Name: THE CAR PLACE INC
Year: 2003
Address: 10312 101ST ST

Name: CAR PLACE INC
Year: 2004
Address: 10312 101ST ST

Name: THE CAR PLACE INC
Year: 2005
Address: 10312 101ST ST

Name: THE CAR PLACE INC
Year: 2006
Address: 10312 101ST ST

Name: CINDYS AUTO REPAIR
Year: 2010
Address: 10312 101ST ST

O58
SE
1/8-1/4
0.161 mi.
851 ft.

10302 ROCKAWAY BLVD
OZONE PARK, NY 11417

EDR US Hist Auto Stat **1015134187**
N/A

Site 1 of 2 in cluster O

Relative:
Higher

Actual:
43 ft.

EDR Historical Auto Stations:

Name: AUTO RAMA INCORPORATED
Year: 2000
Address: 10302 ROCKAWAY BLVD

59
NNE
1/8-1/4
0.162 mi.
853 ft.

REMEDY REMOVAL INC
103-21 104TH ST
OZONE PARK, NY 11417

RCRA NonGen / NLR **1000201684**
FINDS **NYD982725210**

Relative:
Higher

Actual:
48 ft.

RCRA NonGen / NLR:

Date form received by agency: 01/01/2007
Facility name: REMEDY REMOVAL INC
Facility address: 103-21 104TH ST
OZONE PARK, NY 11417
EPA ID: NYD982725210
Mailing address: 104TH ST
OZONE PARK, NY 11417
Contact: THOMAS LOCURTO
Contact address: 104TH ST

REMEDY REMOVAL INC (Continued) **1000201684**

	OZONE PARK, NY 11417
Contact country:	US
Contact telephone:	(718) 835-4524
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	THOMAS & LAURA LOCURTO
Owner/operator address:	NOT REQUIRED
	NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	THOMAS & LAURA LOCURTO
Owner/operator address:	NOT REQUIRED
	NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	01/01/2006
Facility name:	REMEDY REMOVAL INC
Classification:	Not a generator, verified

Date form received by agency:	02/14/1989
Facility name:	REMEDY REMOVAL INC
Classification:	Unverified

Violation Status: No violations found

REMEDY REMOVAL INC (Continued) **1000201684**

FINDS:

Registry ID: 110004427745

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

O60 **103-02 ROCKAWAY BLVD** **UST** **U004044897**
SE **103-02 ROCKAWAY BOULEVARD** **N/A**
1/8-1/4 **OZONE PARK, NY 11417**
0.164 mi.
865 ft. **Site 2 of 2 in cluster O**

Relative:
Higher

Actual:
43 ft.

UST:

Facility Id:	2-609008
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS
Expiration Date:	2008/05/29
UTM X:	598313.06597
UTM Y:	4503839.8029399998

Affiliation Records:

Site Id:	30855
Affiliation Type:	Owner
Company Name:	LAWRENCO DARROW
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	35 TALISMAN DR
Address2:	Not reported
City:	DIX HILLS
State:	NY
Zip Code:	11746
Country Code:	001
Phone:	(631) 462-5073
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	9/18/2008

Site Id:	30855
Affiliation Type:	Mail Contact
Company Name:	LAWRENCO DARROW
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	35 TALISMAN DRIVE
Address2:	Not reported
City:	DIX HILLS
State:	NY
Zip Code:	11746

103-02 ROCKAWAY BLVD (Continued) **U004044897**

Country Code:	001
Phone:	(631) 462-5073
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	30855
Affiliation Type:	On-Site Operator
Company Name:	103-02 ROCKAWAY BLVD
Contact Type:	Not reported
Contact Name:	G&L
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 835-2442
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	30855
Affiliation Type:	Emergency Contact
Company Name:	LAWRENCO DARROW
Contact Type:	Not reported
Contact Name:	LAWRENCO DARROW
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(631) 462-5073
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Site ID:	30855

Tank Number:	1
Tank ID:	66125
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

B00 - Tank External Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None

103-02 ROCKAWAY BLVD (Continued) **U004044897**

J00 - Dispenser - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None

Install Date:	01/01/1950
Capacity Gallons:	2500
Tightness Test Method:	00
Next Test Date:	12/27/1987
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	dxliving
Last Modified:	09/18/2008

P61 **EDR US Hist Auto Stat** **1015134472**
NW **10315 100TH ST** **N/A**
1/8-1/4 **OZONE PARK, NY 11417**
0.167 mi.
884 ft. **Site 1 of 2 in cluster P**

Relative:
Higher

Actual:
35 ft.

EDR Historical Auto Stations:

Name:	JEET GENERAL AUTO REPAIR INCORPORATED
Year:	1999
Address:	10315 100TH ST
Name:	JEET GENERAL AUTO REPAIR INCORPORATED
Year:	2000
Address:	10315 100TH ST
Name:	JEET GENERAL AUTO REPAIR INC
Year:	2001
Address:	10315 100TH ST
Name:	JEET GENERAL AUTO REPAIR INC
Year:	2002
Address:	10315 100TH ST
Name:	JEET GENERAL AUTO REPAIR INC
Year:	2003
Address:	10315 100TH ST
Name:	JEET GENERAL AUTO REPAIR INC
Year:	2007
Address:	10315 100TH ST

62
WNW
1/8-1/4
0.168 mi.
885 ft.

10324 99TH ST
OZONE PARK, NY 11417

EDR US Hist Auto Stat **1015134630**
N/A

Relative:
Higher

Actual:
36 ft.

EDR Historical Auto Stations:

Name: EARLYS AUTO REPAIR
Year: 1999
Address: 10324 99TH ST

Name: EARLYS AUTO REPAIR
Year: 2000
Address: 10324 99TH ST

Name: EARLYS AUTO REPAIR
Year: 2001
Address: 10324 99TH ST

Name: AMIGO COLLISION & MECHANIC
Year: 2004
Address: 10324 99TH ST

Name: THE CAR HAVEN CORP
Year: 2005
Address: 10324 99TH ST

Name: CAR HAVEN 99
Year: 2006
Address: 10324 99TH ST

Name: THE CAR HAVEN CORP
Year: 2007
Address: 10324 99TH ST

Name: THE CAR HAVEN CORP
Year: 2008
Address: 10324 99TH ST

Name: CAR HAVEN 9 CORP
Year: 2009
Address: 10324 99TH ST

Name: EARLYS AUTO REPAIR
Year: 2010
Address: 10324 99TH ST

Name: CAR HAVEN NINETY NINE
Year: 2011
Address: 10324 99TH ST

Name: LIBERTY FIELDS AUTO
Year: 2012
Address: 10324 99TH ST

P63 WNW 1/8-1/4 0.169 mi. 890 ft. | **CAR HAVEN 99 CORP**
103-24 99ST
OZONE PARK, NY 11417

Site 2 of 2 in cluster P

AST | **A100293473**
N/A

Relative: Higher

Actual: 36 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-608040
Program Type:	PBS
UTM X:	597948.35190000001
UTM Y:	4504120.9874799997
Expiration Date:	2017/09/24

Affiliation Records:

Site Id:	29892
Affiliation Type:	Owner
Company Name:	CAR HAVEN 99 CORP
Contact Type:	OWNER
Contact Name:	A. MEZARINA
Address1:	103-24 99ST
Address2:	Not reported
City:	OZONE PARK
State:	NY
Zip Code:	11417
Country Code:	001
Phone:	(718) 848-1886
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	12/17/2012

Site Id:	29892
Affiliation Type:	Mail Contact
Company Name:	CAR HAVEN 99 CORP
Contact Type:	Not reported
Contact Name:	AMANCIO P. MEZARINA
Address1:	103-24 99ST
Address2:	Not reported
City:	OZONE PARK
State:	NY
Zip Code:	11417
Country Code:	001
Phone:	(718) 848-1886
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	29892
Affiliation Type:	On-Site Operator
Company Name:	CAR HAVEN 99 CORP
Contact Type:	Not reported
Contact Name:	AMANCIO P. MEZARINA
Address1:	Not reported
Address2:	Not reported

CAR HAVEN 99 CORP (Continued) **A100293473**

City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 848-1886
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	29892
Affiliation Type:	Emergency Contact
Company Name:	CAR HAVEN 99 CORP
Contact Type:	Not reported
Contact Name:	AMANCIO P. MEZARINA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 848-1886
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	64206

Equipment Records:

B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
G10 - Tank Secondary Containment - Impervious Underlayment
D00 - Pipe Type - No Piping
J00 - Dispenser - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/2002
Capacity Gallons:	250
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	12/17/2012

Q64 **103-10 103RD ST** **LTANKS** **S101341231**
North **103-10 103RD ST** **HIST LTANKS** **N/A**
1/8-1/4 **OZONE PARK, NY**
0.173 mi.
911 ft. **Site 1 of 2 in cluster Q**

Relative:
Higher

Actual:
48 ft.

LTANKS:

Site ID:	246336
Spill No:	9412058
Spill Date:	12/7/1994
Spill Cause:	Tank Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	2/28/2003
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	4101
Investigator:	TOMASELLO
Referred To:	Not reported
Reported to Dept:	12/9/1994
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Citizen
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1/25/1995
Spill Record Last Update:	2/28/2003
Spiller Name:	Not reported
Spiller Company:	EPIPHANY MARTHOMA CHURCH
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	202310
DEC Memo:	Not reported
Remarks:	CONTRACTOR CLOSING OUT PUNTURED IT AND SPILLED A LOT OF OIL IN DIRT, AND THEY COVERED THE SPILL WITH DIRT-TANK IS STILL IN THE GROUND, 1000 GLS. TANK

Material:

Site ID:	246336
Operable Unit ID:	1009843
Operable Unit:	01
Material ID:	374393
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	100
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported

103-10 103RD ST (Continued) **S101341231**

Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

HIST LTANKS:
Region of Spill: 2
Spill Number: 9412058
Spill Date: 12/07/1994
Spill Time: 12:00
Spill Cause: Tank Failure
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Other Non Commercial/Industrial
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Cleanup Ceased: / /
Cleanup Meets Standard: False
Investigator: TOMASELLO
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 12/09/94
Reported to Department Time: 11:20
SWIS: 63
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: EPIPHANY MARTHOMA CHURCH
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: Not reported
Facility Extention: Not reported
Spill Notifier: Citizen
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /

103-10 103RD ST (Continued) **S101341231**

Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 01/25/95
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 07/05/95
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 100
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Spill Cause: CONTRACTOR CLOSING OUT PUNTURED IT AND SPILLED A LOT OF OIL IN DIRT, AND THEY COVERED THE SPILL WITH DIRT-TANK IS STILL IN THE GROUND, 1000 GLS. TANK

Q65 **103RD ST & 103RD AVE/QUNS** **LTANKS** **1002984276**
North **103RD ST & 103RD AVE** **HIST LTANKS** **N/A**
1/8-1/4 **NEW YORK CITY, NY**
0.173 mi.
914 ft. **Site 2 of 2 in cluster Q**

Relative:
Higher

Actual:
47 ft.

LTANKS:
Site ID: 288689
Spill No: 8910300
Spill Date: 1/26/1990
Spill Cause: Tank Overfill
Spill Source: Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 12/8/1992
Facility Addr2: Not reported
Cleanup Ceased: 12/8/1992
Cleanup Meets Standard: True
SWIS: 4101
Investigator: SIGONA
Referred To: Not reported
Reported to Dept: 1/16/1990
CID: Not reported
Water Affected: Not reported
Spill Notifier: Responsible Party

103RD ST & 103RD AVE/QUNS (Continued) **1002984276**

Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1/31/1990
Spill Record Last Update:	12/10/1992
Spiller Name:	Not reported
Spiller Company:	CITY UTILITIES
Spiller Address:	120-06 111 AVENUE
Spiller City,St,Zip:	RICHMOND HILL, NY
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	233827
DEC Memo:	Not reported
Remarks:	1080 GALLON TANK OVERFILLED, SPEEDY DRY APPLIED, DISPOSED OF PROPERLY. Not reported

Material:

Site ID:	288689
Operable Unit ID:	935385
Operable Unit:	01
Material ID:	443406
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	15
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	8910300
Spill Date:	01/26/1990
Spill Time:	15:50
Spill Cause:	Tank Overfill
Resource Affectd:	On Land
Water Affected:	Not reported

103RD ST & 103RD AVE/QUNS (Continued) **1002984276**

Spill Source:	Other Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	12/08/92
Cleanup Ceased:	12/08/92
Cleanup Meets Standard:	True
Investigator:	SIGONA
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	01/16/90
Reported to Department Time:	17:30
SWIS:	63
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	CITY UTILITIES
Spiller Address:	120-06 111 AVENUE
Spiller City,St,Zip:	RICHMOND HILL, NY
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	(718) 846-3636
Facility Extention:	Not reported
Spill Notifier:	Responsible Party
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	01/31/90
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	12/10/92
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	15
Unkonwn Quantity Spilled:	False
Units:	Gallons
Quantity Recovered:	0
Unkonwn Quantity Recovered:	False

103RD ST & 103RD AVE/QUNS (Continued) **1002984276**

Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Spill Cause: 1080 GALLON TANK OVERFILLED, SPEEDY DRY APPLIED, DISPOSED OF PROPERLY.

R66
WSW
1/8-1/4
0.173 mi.
916 ft.

AMOCO GAS STATION **LTANKS** **S105999301**
97-09 ROCKAWAY BLVD **N/A**
QUEENS, NY

Site 1 of 5 in cluster R

Relative:
Lower

Actual:
34 ft.

LTANKS:
Site ID: 137469
Spill No: 0303304
Spill Date: 6/28/2003
Spill Cause: Tank Overfill
Spill Source: Gasoline Station
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 6/30/2003
Facility Addr2: Not reported
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 4101
Investigator: JBVOUGHT
Referred To: Not reported
Reported to Dept: 6/28/2003
CID: 297
Water Affected: Not reported
Spill Notifier: Fire Department
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 6/28/2003
Spill Record Last Update: 8/29/2003
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller City,St,Zip: ZZ -
Spiller County: 001
Spiller Contact: DISP #883
Spiller Phone: (718) 476-6200
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 275975
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "VOUGHT"
Remarks: A GAS TANKER WAS FILLING THE INGROUND TANKS, OVERFILLED IT - FD ON THE SCENE

Material:
Site ID: 137469
Operable Unit ID: 870406

AMOCO GAS STATION (Continued) **S105999301**

Operable Unit: 01
Material ID: 504174
Material Code: 0009
Material Name: Gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: 30
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

R67 **NOR-ROCK SERVICE CENTER, INC.** **UST** **U000402810**
WSW **97-09 ROCKAWAY BOULEVARD** **HIST UST** **N/A**
1/8-1/4 **OZONE PARK, NY 11417** **AST**
0.173 mi. **NY Spills**
916 ft. **Site 2 of 5 in cluster R**

Relative:
Lower

Actual:
34 ft.

UST:
Facility Id: 2-266922
Region: STATE
DEC Region: 2
Site Status: Unregulated
Program Type: PBS
Expiration Date: N/A
UTM X: 597818.68356999999
UTM Y: 4503922.9843699997

Affiliation Records:
Site Id: 11054
Affiliation Type: Owner
Company Name: NOR-ROCK SERVICE CENTER INC.
Contact Type: Not reported
Contact Name: Not reported
Address1: 97-09 ROCKAWAY BOULEVARD
Address2: Not reported
City: OZONE PARK
State: NY
Zip Code: 11417
Country Code: 001
Phone: (718) 383-1562
Phone Ext: 180
Email: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR

NOR-ROCK SERVICE CENTER, INC. (Continued) **U000402810**

Date Last Modified:	8/19/2010

Site Id:	11054
Affiliation Type:	Mail Contact
Company Name:	METRO FUEL OIL CORP.
Contact Type:	Not reported
Contact Name:	PAUL PULLO
Address1:	500 KINGSLAND AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11222
Country Code:	001
Phone:	(718) 383-1562
Phone Ext:	180
Email:	PULLO@MSN.COM
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	8/19/2010

Site Id:	11054
Affiliation Type:	On-Site Operator
Company Name:	NOR-ROCK SERVICE CENTER, INC.
Contact Type:	Not reported
Contact Name:	PAUL PULLO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 383-1562
Phone Ext:	180
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	8/19/2010

Site Id:	11054
Affiliation Type:	Emergency Contact
Company Name:	NOR-ROCK SERVICE CENTER INC.
Contact Type:	Not reported
Contact Name:	PAUL PULLO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 383-1562
Phone Ext:	180
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	8/19/2010

NOR-ROCK SERVICE CENTER, INC. (Continued) **U000402810**

Tank Info:

Site ID:	11054
Tank Number:	01
Tank ID:	18227
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G07 - Tank Secondary Containment - Excavation/Trench Liner System
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
K00 - Spill Prevention - None
A02 - Tank Internal Protection - Rubber Liner
E04 - Piping Secondary Containment - Double-Walled (Underground)
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring

Install Date:	09/01/1978
Capacity Gallons:	4000
Tightness Test Method:	21
Next Test Date:	Not reported
Date Tank Closed:	07/26/2010
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	02/04/2005
Registered:	True
Modified By:	NRLOMBAR
Last Modified:	08/19/2010
Site ID:	11054
Tank Number:	02
Tank ID:	18228
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G07 - Tank Secondary Containment - Excavation/Trench Liner System
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
K00 - Spill Prevention - None
A02 - Tank Internal Protection - Rubber Liner
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
E04 - Piping Secondary Containment - Double-Walled (Underground)
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring

Install Date:	09/01/1978
Capacity Gallons:	4000
Tightness Test Method:	21

NOR-ROCK SERVICE CENTER, INC. (Continued) **U000402810**

Next Test Date:	Not reported
Date Tank Closed:	07/26/2010
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	02/04/2005
Registered:	True
Modified By:	NRLOMBAR
Last Modified:	08/19/2010
Site ID:	11054
Tank Number:	03
Tank ID:	18229
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G07 - Tank Secondary Containment - Excavation/Trench Liner System
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
A02 - Tank Internal Protection - Rubber Liner
K00 - Spill Prevention - None
E04 - Piping Secondary Containment - Double-Walled (Underground)
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring

Install Date:	09/01/1978
Capacity Gallons:	4000
Tightness Test Method:	21
Next Test Date:	Not reported
Date Tank Closed:	07/26/2010
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	02/04/2005
Registered:	True
Modified By:	NRLOMBAR
Last Modified:	08/19/2010
Site ID:	11054
Tank Number:	04
Tank ID:	18230
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G07 - Tank Secondary Containment - Excavation/Trench Liner System
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
A02 - Tank Internal Protection - Rubber Liner
K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

NOR-ROCK SERVICE CENTER, INC. (Continued) **U000402810**

J02 - Dispenser - Suction
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
E04 - Piping Secondary Containment - Double-Walled (Underground)
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring

Install Date:	09/01/1978
Capacity Gallons:	4000
Tightness Test Method:	21
Next Test Date:	Not reported
Date Tank Closed:	07/26/2010
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	02/04/2005
Registered:	True
Modified By:	NRLOMBAR
Last Modified:	08/19/2010
Site ID:	11054
Tank Number:	1
Tank ID:	49066
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None

Install Date:	12/01/1978
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	02/01/1995
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	11054
Tank Number:	10
Tank ID:	49075
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None

NOR-ROCK SERVICE CENTER, INC. (Continued) **U000402810**

G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
F00 - Pipe External Protection - None
I00 - Overfill - None

Install Date:	12/01/1978
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	02/01/1995
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	11054
Tank Number:	11
Tank ID:	49076
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None

Install Date:	12/01/1978
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	02/01/1995
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	11054
Tank Number:	2
Tank ID:	49067
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

NOR-ROCK SERVICE CENTER, INC. (Continued) **U000402810**

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
B00 - Tank External Protection - None
I00 - Overfill - None

Install Date:	12/01/1978
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	02/01/1995
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	11054
Tank Number:	3
Tank ID:	49068
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None

Install Date:	12/01/1978
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	02/01/1995
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	11054
Tank Number:	4
Tank ID:	49069
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

NOR-ROCK SERVICE CENTER, INC. (Continued) **U000402810**

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
B00 - Tank External Protection - None
I00 - Overfill - None

Install Date:	12/01/1978
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	02/01/1995
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	11054
Tank Number:	5
Tank ID:	49070
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

C02 - Pipe Location - Underground/On-ground
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
F00 - Pipe External Protection - None
I00 - Overfill - None

Install Date:	12/01/1978
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	02/01/1995
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	11054
Tank Number:	6
Tank ID:	49071
Tank Status:	Closed - Removed

NOR-ROCK SERVICE CENTER, INC. (Continued) **U000402810**

Tank Type:	Steel/carbon steel
Pipe Model:	Not reported
Equipment Records:	
	F00 - Pipe External Protection - None
	C02 - Pipe Location - Underground/On-ground
	H00 - Tank Leak Detection - None
	A00 - Tank Internal Protection - None
	D01 - Pipe Type - Steel/Carbon Steel/Iron
	J02 - Dispenser - Suction
	B00 - Tank External Protection - None
	G00 - Tank Secondary Containment - None
	I00 - Overfill - None
Install Date:	12/01/1978
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	02/01/1995
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	11054
Tank Number:	7
Tank ID:	49072
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported
Equipment Records:	
	C02 - Pipe Location - Underground/On-ground
	A00 - Tank Internal Protection - None
	D01 - Pipe Type - Steel/Carbon Steel/Iron
	J02 - Dispenser - Suction
	F00 - Pipe External Protection - None
	H00 - Tank Leak Detection - None
	B00 - Tank External Protection - None
	G00 - Tank Secondary Containment - None
	I00 - Overfill - None
Install Date:	12/01/1978
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	02/01/1995
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	11054
Tank Number:	8

NOR-ROCK SERVICE CENTER, INC. (Continued) **U000402810**

Tank ID: 49073
Tank Status: Closed - Removed
Tank Type: Steel/carbon steel
Pipe Model: Not reported

Equipment Records:
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None

Install Date: 12/01/1978
Capacity Gallons: 550
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: 02/01/1995
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Registered: True
Modified By: TRANSLAT
Last Modified: 03/04/2004

Site ID: 11054

Tank Number: 9
Tank ID: 49074
Tank Status: Closed - Removed
Tank Type: Steel/carbon steel
Pipe Model: Not reported

Equipment Records:
C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None

Install Date: 12/01/1978
Capacity Gallons: 550
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: 02/01/1995
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Registered: True
Modified By: TRANSLAT
Last Modified: 03/04/2004

NOR-ROCK SERVICE CENTER, INC. (Continued) **U000402810**

HIST UST:

PBS Number:	2-266922
SPDES Number:	Not reported
Emergency Contact:	ALAN UHL
Emergency Telephone:	(718) 225-8842
Operator:	INDERJECT RAMNANTH
Operator Telephone:	(718) 738-8149
Owner Name:	NOR-ROCK SERVICE CENTER, INC.
Owner Address:	97-09 ROCKAWAY BOULEVARD
Owner City,St,Zip:	OZONE PARK, NY 11417
Owner Telephone:	(718) 738-8149
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	NOR-GROUP
Mailing Address:	172-11 NORTHERN BLVD.
Mailing Address 2:	Not reported
Mailing City,St,Zip:	FLUSHING, NY 11358
Mailing Contact:	ALAN UHL
Mailing Telephone:	(718) 460-5411
Owner Mark:	Third Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	Not reported
SWIS ID:	6301
Old PBS Number:	Not reported
Facility Type:	RETAIL GASOLINE SALES
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	01/05/2001
Expiration Date:	12/22/2005
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	16000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	63
Town or City:	01
Region:	2
Tank Id:	01
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19780901
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Rubber Liner
Tank External:	Painted/Asphalt Coating

NOR-ROCK SERVICE CENTER, INC. (Continued) **U000402810**

Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	Vault (w/o access)
Leak Detection:	Other
Overfill Prot:	Other
Dispenser:	Suction
Date Tested:	10/15/1998
Next Test Date:	10/15/2003
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	USTest 2000
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	02
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19780901
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Rubber Liner
Tank External:	Painted/Asphalt Coating
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	Vault (w/o access)
Leak Detection:	Other
Overfill Prot:	Other
Dispenser:	Suction
Date Tested:	10/15/1998
Next Test Date:	10/15/2003
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	USTest 2000
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	03
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19780901
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Rubber Liner
Tank External:	Painted/Asphalt Coating
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None

NOR-ROCK SERVICE CENTER, INC. (Continued) **U000402810**

Pipe External:	None
Second Containment:	Vault (w/o access)
Leak Detection:	Other
Overfill Prot:	Other
Dispenser:	Suction
Date Tested:	10/15/1998
Next Test Date:	10/15/2003
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	USTest 2000
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	04
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19780901
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Rubber Liner
Tank External:	Painted/Asphalt Coating
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	Vault (w/o access)
Leak Detection:	Other
Overfill Prot:	Other
Dispenser:	Suction
Date Tested:	10/15/1998
Next Test Date:	10/15/2003
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	USTest 2000
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	1
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19781201
Capacity (gals):	550
Product Stored:	LEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None

NOR-ROCK SERVICE CENTER, INC. (Continued) **U000402810**

Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	02/01/1995
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	10
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19781201
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	02/01/1995
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	11
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19781201
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported

NOR-ROCK SERVICE CENTER, INC. (Continued) **U000402810**

Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	02/01/1995
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	2
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19781201
Capacity (gals):	550
Product Stored:	LEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	02/01/1995
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	3
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19781201
Capacity (gals):	550
Product Stored:	LEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	02/01/1995

NOR-ROCK SERVICE CENTER, INC. (Continued) **U000402810**

Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	4
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19781201
Capacity (gals):	550
Product Stored:	LEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	02/01/1995
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	5
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19781201
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	02/01/1995
Test Method:	Not reported
Deleted:	False
Updated:	True

NOR-ROCK SERVICE CENTER, INC. (Continued) **U000402810**

Lat/long: Not reported

Tank Id: 6
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: 19781201
Capacity (gals): 550
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: None
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: None
Second Containment: None
Leak Detection: None
Overfill Prot: None
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: 02/01/1995
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 7
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: 19781201
Capacity (gals): 550
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: None
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: None
Second Containment: None
Leak Detection: None
Overfill Prot: None
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: 02/01/1995
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

NOR-ROCK SERVICE CENTER, INC. (Continued) **U000402810**

Tank Id:	8
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19781201
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	02/01/1995
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	9
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19781201
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	02/01/1995
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

AST:

Region:	STATE
DEC Region:	2
Site Status:	Unregulated

NOR-ROCK SERVICE CENTER, INC. (Continued) **U000402810**

Facility Id: 2-266922
Program Type: PBS
UTM X: 597818.68356999999
UTM Y: 4503922.9843699997
Expiration Date: N/A

Affiliation Records:

Site Id: 11054
Affiliation Type: Owner
Company Name: NOR-ROCK SERVICE CENTER INC.
Contact Type: Not reported
Contact Name: Not reported
Address1: 97-09 ROCKAWAY BOULEVARD
Address2: Not reported
City: OZONE PARK
State: NY
Zip Code: 11417
Country Code: 001
Phone: (718) 383-1562
Phone Ext: 180
Email: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 8/19/2010

Site Id: 11054
Affiliation Type: Mail Contact
Company Name: METRO FUEL OIL CORP.
Contact Type: Not reported
Contact Name: PAUL PULLO
Address1: 500 KINGSLAND AVENUE
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11222
Country Code: 001
Phone: (718) 383-1562
Phone Ext: 180
Email: PULLO@MSN.COM
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 8/19/2010

Site Id: 11054
Affiliation Type: On-Site Operator
Company Name: NOR-ROCK SERVICE CENTER, INC.
Contact Type: Not reported
Contact Name: PAUL PULLO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 383-1562
Phone Ext: 180
Email: Not reported
Fax Number: Not reported

NOR-ROCK SERVICE CENTER, INC. (Continued) **U000402810**

Modified By:	NRLOMBAR
Date Last Modified:	8/19/2010

Site Id:	11054
Affiliation Type:	Emergency Contact
Company Name:	NOR-ROCK SERVICE CENTER INC.
Contact Type:	Not reported
Contact Name:	PAUL PULLO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 383-1562
Phone Ext:	180
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	8/19/2010

Tank Info:

Tank Number:	05
Tank Id:	216814

Equipment Records:

G09 - Tank Secondary Containment - Modified Double-Walled (Aboveground)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
J00 - Dispenser - None

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	04/01/2002
Capacity Gallons:	280
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	07/26/2010
Register:	True
Modified By:	NRLOMBAR
Last Modified:	08/19/2010

SPILLS:

Facility ID:	1004707
DER Facility ID:	117613

NOR-ROCK SERVICE CENTER, INC. (Continued) **U000402810**

Facility Type:	ER
Site ID:	437989
DEC Region:	2
Spill Number:	1004707
Spill Date:	7/26/2010
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Date:	12/13/2010
SWIS:	4101
Investigator:	RVKETANI
Referred To:	Not reported
Reported to Dept:	7/26/2010
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Gasoline Station
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	7/26/2010
Spill Record Last Update:	12/13/2010
Spiller Name:	PAUL PULLO
Spiller Company:	VALERO GAS STATION
Spiller Address:	97-09 ROCKAWAY BOULEVARD
Spiller City,St,Zip:	OZONE PARK, NY
Spiller Company:	999
Contact Name:	ROMAN SWIERZ
Contact Phone:	Not reported
DEC Memo:	12/7/10 - Raphael Ketani. The spill took place on 7/26/10 and involved the release of product from at least one gasoline tank.The site is the Valero Gas Station at 97-09 Rockaway Boulevard, Ozone Park. The block and lot are 9169 and 47. The main address is 97-09 Rockaway Boulevard and the alternate address is 97-05 Rockaway Boulevard. According to ACRIS, the deed dated 12/28/09 states that the property was sold to Rock Asset Management, LLC, 500 Kingsland Avenue, Brooklyn, 11222. There are two other spill cases. Both are closed. One is #9808805 and was due to a loose cap during a tightness test. It was closed during February 2000. The other is #0303304. It was due to an overfill. It was closed during June 2003. There is one PBS case, #2-266922. It shows 15 tanks as closed and removed. All except one (waste oil) had contained gasoline. Four were 4,000 gals., 1 waste oil was 280 gals., and 11 were 550 gal. gasoline tanks. The owner is listed as Paul Pullo at (718) 383-1562. His business address is the same as 500 Kingsland Avenue. Felix and Sons (516) 358-9457 was the contractor for the tank pulling only. I spoke to the owner, Felix. He said that an environmental company did the rest of the work. This company had been hired by the owner of the property. Their phone numbers are (718) 389-5800, ext 180/cell (917) 560-7680.I called up Mr. Pullo (poo-lo) at Metro Fuel Delivery Service (718) 383-1562. He said that all of the remediation work had been done. He said that he had the entire remediation report on his desk. Presently, they are waiting for a permit to demolish the building. He said that Tom Masucci (consultant) at (917) 626-1895 had supervised

NOR-ROCK SERVICE CENTER, INC. (Continued) **U000402810**

the tank removal and remediation. I asked Mr. Pullo why the building was going to be demolished. He said that this was for the bank, TD Bank, which wants to build a branch on the site. He will send the DEC the report by e-mail.I received the UST Closure Report dated 10/30/10, which was produced by SFG Associates, in three parts. I began my review of the report.12/9/10 - Raphael Ketani. I reviewed the UST Closure Report. The narrative was very short and didn't give me much information regarding where the contamination was found. The report doesn't mention whether groundwater was encountered, or whether other subsurface conditions were encountered. All of the soil end point analyticals were non-detect, which seems a little odd as there supposedly was a leaking tank. There were lots of photos showing the work that was performed and manifests for the tanks and soil that were removed. I tried to contact Mr. Pullo to find out more information about the removal of the tanks and the excavating, but I could only leave a message.12/13/10 - Raphael Ketani. Dr. Tom Masucci (917) 626-1895 tried to contact me on friday 12/10/10, regarding the site remediation. I tried to return his call, but could only leave a message.Dr. Masucci called me back. He explained that there was no groundwater at the site. They dug down to reach the tanks and found the vault after removing about 1 foot of soil. Once they opened the vault, they noticed a slight odor of gasoline. There was no sign of a spill, but a spill was called in just in case. According to Dr. Masucci, there probably was a small leak from a joint in a fill pipe to a tank. The tanks were removed, along with the vault, soil and piping. The total amount of contaminated soil amounted to 3 or 4 buckets. Dr. Masucci stated that the UST Closure Report didn't have much information because there wasn't much information to include.As the data in the UST Closure Report indicated that there was no residual contamination present, and as Dr. Masucci explained that what little contamination that had been found was taken away, I have determined that there is no threat to the public or the environment. Therefore, I am closing the spill case.

Remarks: tank removal/loss of product

Material:

Site ID:	437989
Operable Unit ID:	1188649
Operable Unit:	01
Material ID:	2183584
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported

NOR-ROCK SERVICE CENTER, INC. (Continued) **U000402810**

Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

Facility ID:	9808805
DER Facility ID:	117613
Facility Type:	ER
Site ID:	137470
DEC Region:	2
Spill Number:	9808805
Spill Date:	10/15/1998
Spill Cause:	Other
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Date:	2/22/2000
SWIS:	4101
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	10/15/1998
CID:	366
Water Affected:	Not reported
Spill Source:	Gasoline Station
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	10/15/1998
Spill Record Last Update:	2/10/2003
Spiller Name:	AL UHL
Spiller Company:	NOR-ROCK SERVICE
Spiller Address:	97-09 ROCKAWAY BLVD
Spiller City,St,Zip:	OZONE PARK, NY
Spiller Company:	001
Contact Name:	AL UHL
Contact Phone:	(718) 460-5411
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"Line test failure:2/22/2000 Sangesland contacted Al Uhl at station and asked for follow up report from Crompco saying the lines were tested and past.Crompco (610-278-7203) "Certificate of Tightness" was issued on 10/16/98"Petro-Tite" Helium test was performed on 4 tanks and all lines associated with 4 tanks. All systems past. Note says that initial system failure was due to a loose cap on one of the lines. No spill noted.Closed
Remarks:	CALLER REPORTING A LINE TEST FAILURE. OWNER WILL TAKE CARE OF REPAIRS. Not reported

Material:

Site ID:	137470
Operable Unit ID:	1069994
Operable Unit:	01
Material ID:	316291
Material Code:	0009
Material Name:	Gasoline

NOR-ROCK SERVICE CENTER, INC. (Continued) **U000402810**

Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

Click this hyperlink while viewing on your computer to access additional NY_SPILL: detail in the EDR Site Report.

S68 **EDR US Hist Cleaners** **1014971332**
ENE **10519 LIBERTY AVE** **N/A**
1/8-1/4 **OZONE PARK, NY 11417**
0.175 mi.
925 ft. **Site 1 of 3 in cluster S**

Relative:
Higher

Actual:
39 ft.

EDR Historical Cleaners:

Name:	SUNRISE CLEANER
Year:	2004
Address:	10519 LIBERTY AVE
Name:	SUNRISE CLEANER
Year:	2005
Address:	10519 LIBERTY AVE
Name:	SUNRISE CLEANER
Year:	2006
Address:	10519 LIBERTY AVE
Name:	SUNRISE CLEANER
Year:	2007
Address:	10519 LIBERTY AVE
Name:	SUNRISE CLEANER
Year:	2008
Address:	10519 LIBERTY AVE
Name:	SUNRISE CLEANER
Year:	2010
Address:	10519 LIBERTY AVE
Name:	SUNRISE CLEANER
Year:	2011

(Continued) **1014971332**

Address: 10519 LIBERTY AVE

N69 NW 1/8-1/4 0.177 mi. 932 ft. | **SAFEGUARD SELF STORAGE**
101-09 103RD AVENUE
OZONE PARK, NY 11417 | **UST** | **U004048207**
N/A

Site 2 of 3 in cluster N

Relative: Higher

Actual: 37 ft.

UST:

Facility Id:	2-609896
Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Program Type:	PBS
Expiration Date:	N/A
UTM X:	597982.15827999997
UTM Y:	4504281.3110800004

Affiliation Records:

Site Id:	342711
Affiliation Type:	Owner
Company Name:	SAFEGUARD SELF STORAGE
Contact Type:	PRESIDENT
Contact Name:	MICHAEL ALLETTO, HARBOR ENVIRONMENTAL
Address1:	11 VETERANS BLVD. #1150
Address2:	Not reported
City:	METARIE
State:	LA
Zip Code:	70005
Country Code:	001
Phone:	(504) 838-8000
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	3/30/2005

Site Id:	342711
Affiliation Type:	Mail Contact
Company Name:	SAFEGUARD SELF STORAGE
Contact Type:	Not reported
Contact Name:	DAVID RAY
Address1:	101-09 103RD AVENUE
Address2:	Not reported
City:	OZONE PARK
State:	NY
Zip Code:	11417
Country Code:	001
Phone:	(225) 268-9598
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	3/30/2005

Site Id:	342711
Affiliation Type:	On-Site Operator
Company Name:	SAFEGUARD SELF STORAGE

SAFEGUARD SELF STORAGE (Continued) **U004048207**

Contact Type:	Not reported
Contact Name:	DAVID RAY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(225) 268-9598
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	3/30/2005

Site Id:	342711
Affiliation Type:	Emergency Contact
Company Name:	SAFEGUARD SELF STORAGE
Contact Type:	Not reported
Contact Name:	JOE ROMUNO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(631) 831-4846
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	3/30/2005

Tank Info:

Site ID:	342711
Tank Number:	01
Tank ID:	196351
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

L00 - Piping Leak Detection - None
G00 - Tank Secondary Containment - None
D00 - Pipe Type - No Piping
H00 - Tank Leak Detection - None
E00 - Piping Secondary Containment - None
J02 - Dispenser - Suction
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
K00 - Spill Prevention - None
B00 - Tank External Protection - None
C02 - Pipe Location - Underground/On-ground
I00 - Overfill - None

Install Date:	Not reported
Capacity Gallons:	6000

SAFEGUARD SELF STORAGE (Continued) **U004048207**

Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	03/16/2005
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	KXTANG
Last Modified:	03/30/2005
Site ID:	342711
Tank Number:	02
Tank ID:	196352
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

L00 - Piping Leak Detection - None
G00 - Tank Secondary Containment - None
D00 - Pipe Type - No Piping
H00 - Tank Leak Detection - None
E00 - Piping Secondary Containment - None
J02 - Dispenser - Suction
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
K00 - Spill Prevention - None
B00 - Tank External Protection - None
C02 - Pipe Location - Underground/On-ground
I00 - Overfill - None

Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	03/16/2005
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	KXTANG
Last Modified:	03/30/2005

N70 **CONSTRUCTION SITE** **LTANKS** **S106868908**
NW **101-09 103RD AVE** **N/A**
1/8-1/4 **OZONE PARK, NY**
0.177 mi.
932 ft. **Site 3 of 3 in cluster N**

Relative:
Higher

Actual:
37 ft.

LTANKS:

Site ID:	338946
Spill No:	0413103
Spill Date:	3/16/2005
Spill Cause:	Tank Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	6/7/2005

CONSTRUCTION SITE (Continued) **S106868908**

Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	4101
Investigator:	SFRAHMAN
Referred To:	Not reported
Reported to Dept:	3/16/2005
CID:	444
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	3/16/2005
Spill Record Last Update:	6/7/2005
Spiller Name:	JOE RONUNO
Spiller Company:	CONSTRUCTION SITE
Spiller Address:	101-09 103RD AVE
Spiller City,St,Zip:	OZONE PARK, NY
Spiller County:	001
Spiller Contact:	JOE RONUNO
Spiller Phone:	(931) 831-4846
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	285561
DEC Memo:	3/16/05 MT///1. An abandon 6000gallon #6 Fuel oil tank found, oil and water mix removed, and cleaned and the tank pulled. Upon removal a puddle of contaminated oil water mix was found in the tank grave. Harbor Environmental proceeded to remove the fluids from the hole.2. After the removal of the #6 oil tank a 550 Gallon gas tank embedded in concrete was revealed, the fluids were removed and the tank is being removed. Harbor Environmental has been retained by Red Hook Construction Group to oversee the remediation. Joe Ramuno 631-844-1500 is the contractor's contact person.03/21/05-SR// Mr. Joe Ramuno was contacted to follow up with the analytical and work report.06/07/05- SR// Received closure report. Based on the soil sample result, closure request acceptable.
Remarks:	WHILE REMOVIING TANKS FOUND CONTAMINATION: DID NOT KNOW THEY WERE EVEN ON SITE:

Material:

Site ID:	338946
Operable Unit ID:	1100870
Operable Unit:	01
Material ID:	580979
Material Code:	0003A
Material Name:	#6 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False
Site ID:	338946
Operable Unit ID:	1100870

CONSTRUCTION SITE (Continued) **S106868908**

Operable Unit:	01
Material ID:	580978
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

R71
WSW
1/8-1/4
0.177 mi.
934 ft.

9741 ROCKAWAY BLVD
OZONE PARK, NY 11417

EDR US Hist Auto Stat **1015686999**
N/A

Site 3 of 5 in cluster R

Relative:
Lower

Actual:
34 ft.

EDR Historical Auto Stations:

Name:	A & A AUTO ACCESSORIES
Year:	1999
Address:	9741 ROCKAWAY BLVD

T72
WNW
1/8-1/4
0.184 mi.
971 ft.

QUEENS FARMS DAIRY
103-45 98TH ST
OZONE PARK, NY 11417

RCRA NonGen / NLR **1001029003**
FINDS **NYR000012351**
MANIFEST

Site 1 of 2 in cluster T

Relative:
Lower

Actual:
34 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	QUEENS FARMS DAIRY
Facility address:	103-45 98TH ST OZONE PARK, NY 11417
EPA ID:	NYR000012351
Mailing address:	98TH ST OZONE PARK, NY 11417
Contact:	Not reported
Contact address:	98TH ST OZONE PARK, NY 11417
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported

QUEENS FARMS DAIRY (Continued) **1001029003**

EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: JULES KOTCHER
Owner/operator address: 103-45 98TH ST
OZONE PARK, NY 11417
Owner/operator country: US
Owner/operator telephone: (718) 738-7712
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: JULES KOTCHER
Owner/operator address: 103-45 98TH ST
OZONE PARK, NY 11417
Owner/operator country: US
Owner/operator telephone: (718) 738-7712
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: QUEENS FARMS DAIRY
Classification: Not a generator, verified

Date form received by agency: 09/28/1995
Facility name: QUEENS FARMS DAIRY
Classification: Not a generator, verified

Date form received by agency: 08/25/1995
Facility name: QUEENS FARMS DAIRY
Classification: Small Quantity Generator

Violation Status: No violations found

QUEENS FARMS DAIRY (Continued) **1001029003**

FINDS:

Registry ID: 110004517979

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

EPA ID:	NYR000012351
Country:	USA
Mailing Name:	QUEENS FARM DAIRY
Mailing Contact:	ARTHUR P BALDWIN
Mailing Address:	72 CABOT STREET
Mailing Address 2:	Not reported
Mailing City:	WEST BABYLON
Mailing State:	NY
Mailing Zip:	11704
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	516-755-4000

Document ID:	NYB6591537
Manifest Status:	Completed copy
Trans1 State ID:	31124PA
Trans2 State ID:	R39387ME
Generator Ship Date:	950828
Trans1 Recv Date:	950828
Trans2 Recv Date:	950901
TSD Site Recv Date:	950906
Part A Recv Date:	950915
Part B Recv Date:	950920
Generator EPA ID:	NYR000012351
Trans1 EPA ID:	CTD982191942
Trans2 EPA ID:	CTD982191942
TSDF ID:	OHD980681571
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00220
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	090
Year:	95

T73 WNW 1/8-1/4 0.184 mi. 971 ft. | **QUEENS FARMS DAIRY INC**
103-45 98TH ST
OZONE PARK, NY 11417

Site 2 of 2 in cluster T

UST **U003644405**
HIST UST **N/A**

Relative: Lower

Actual: 34 ft.

UST:

Facility Id:	2-032573
Region:	STATE
DEC Region:	2
Site Status:	Administratively Closed
Program Type:	PBS
Expiration Date:	N/A
UTM X:	597886.69067000004
UTM Y:	4503912.7777699996

Affiliation Records:

Site Id:	226
Affiliation Type:	Owner
Company Name:	QUEENS FARMS DAIRY INC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	103-45 98TH ST
Address2:	Not reported
City:	OZONE PARK
State:	NY
Zip Code:	11417
Country Code:	001
Phone:	(718) 738-7712
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	226
Affiliation Type:	Mail Contact
Company Name:	QUEENS FARMS DAIRY INC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	103-45 98TH ST
Address2:	Not reported
City:	OZONE PARK
State:	NY
Zip Code:	11417
Country Code:	001
Phone:	(718) 738-7712
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	226
Affiliation Type:	On-Site Operator
Company Name:	QUEENS FARMS DAIRY INC
Contact Type:	Not reported
Contact Name:	QUEENS FARMS
Address1:	Not reported
Address2:	Not reported

QUEENS FARMS DAIRY INC (Continued) **U003644405**

City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 738-7712
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	226
Affiliation Type:	Emergency Contact
Company Name:	QUEENS FARMS DAIRY INC
Contact Type:	Not reported
Contact Name:	QUEENS FARMS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 738-7712
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Site ID:	226
Tank Number:	001
Tank ID:	30476
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
I00 - Overfill - None

Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/01/1995
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True

QUEENS FARMS DAIRY INC (Continued) **U003644405**

Modified By: TRANSLAT
Last Modified: 03/04/2004

Site ID: 3721

Tank Number: 001
Tank ID: 4053
Tank Status: Closed - Removed
Tank Type: Steel/carbon steel
Pipe Model: Not reported

Equipment Records:
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
I00 - Overfill - None
Install Date: Not reported
Capacity Gallons: 550
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: 08/01/1995
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Registered: True
Modified By: TRANSLAT
Last Modified: 03/04/2004

Site ID: 226

Tank Number: 002
Tank ID: 30477
Tank Status: Closed - Removed
Tank Type: Steel/carbon steel
Pipe Model: Not reported

Equipment Records:
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None
Install Date: Not reported
Capacity Gallons: 550
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: 08/01/1995
Tank Location: 5
Tank Type: Steel/carbon steel

QUEENS FARMS DAIRY INC (Continued) **U003644405**

Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	3721
Tank Number:	002
Tank ID:	4054
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None

Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/01/1995
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	3721
Tank Number:	003
Tank ID:	4055
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
I00 - Overfill - None

Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/01/1995

QUEENS FARMS DAIRY INC (Continued) **U003644405**

Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	226
Tank Number:	003
Tank ID:	30478
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported
Equipment Records:	
	A00 - Tank Internal Protection - None
	D01 - Pipe Type - Steel/Carbon Steel/Iron
	J02 - Dispenser - Suction
	B00 - Tank External Protection - None
	C00 - Pipe Location - No Piping
	F00 - Pipe External Protection - None
	G00 - Tank Secondary Containment - None
	H99 - Tank Leak Detection - Other
	I00 - Overfill - None
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/01/1995
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	226
Tank Number:	004
Tank ID:	30479
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported
Equipment Records:	
	G00 - Tank Secondary Containment - None
	H99 - Tank Leak Detection - Other
	A00 - Tank Internal Protection - None
	D01 - Pipe Type - Steel/Carbon Steel/Iron
	J02 - Dispenser - Suction
	C00 - Pipe Location - No Piping
	F00 - Pipe External Protection - None
	B00 - Tank External Protection - None
	I00 - Overfill - None
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN

QUEENS FARMS DAIRY INC (Continued) **U003644405**

Next Test Date:	Not reported
Date Tank Closed:	08/01/1995
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	3721
Tank Number:	004
Tank ID:	4056
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported
Equipment Records:	
	D00 - Pipe Type - No Piping
	G00 - Tank Secondary Containment - None
	A00 - Tank Internal Protection - None
	J02 - Dispenser - Suction
	H00 - Tank Leak Detection - None
	C00 - Pipe Location - No Piping
	F00 - Pipe External Protection - None
	B00 - Tank External Protection - None
	I00 - Overfill - None
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/01/1995
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	3721
Tank Number:	005
Tank ID:	4057
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported
Equipment Records:	
	A00 - Tank Internal Protection - None
	J02 - Dispenser - Suction
	C00 - Pipe Location - No Piping
	F00 - Pipe External Protection - None
	H00 - Tank Leak Detection - None
	D00 - Pipe Type - No Piping
	G00 - Tank Secondary Containment - None
	B00 - Tank External Protection - None
	I00 - Overfill - None
Install Date:	Not reported

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Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/01/1995
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	226
Tank Number:	005
Tank ID:	30480
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None

Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/01/1995
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	3721
Tank Number:	006
Tank ID:	4058
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None

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	I00 - Overfill - None
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/01/1995
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	226
Tank Number:	006
Tank ID:	30481
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

	G00 - Tank Secondary Containment - None
	H99 - Tank Leak Detection - Other
	C00 - Pipe Location - No Piping
	F00 - Pipe External Protection - None
	A00 - Tank Internal Protection - None
	D01 - Pipe Type - Steel/Carbon Steel/Iron
	J02 - Dispenser - Suction
	B00 - Tank External Protection - None
	I00 - Overfill - None
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/01/1995
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	226
Tank Number:	007
Tank ID:	30482
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

	G00 - Tank Secondary Containment - None
	H99 - Tank Leak Detection - Other
	A00 - Tank Internal Protection - None
	D01 - Pipe Type - Steel/Carbon Steel/Iron
	J02 - Dispenser - Suction
	B00 - Tank External Protection - None

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C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None

Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/01/1995
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	3721
Tank Number:	007
Tank ID:	4059
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None

Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/01/1995
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	226
Tank Number:	008
Tank ID:	30483
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

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A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
B00 - Tank External Protection - None
I00 - Overfill - None

Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/01/1995
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	3721
Tank Number:	008
Tank ID:	4060
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None

Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/01/1995
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	226
Tank Number:	009
Tank ID:	30484
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

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J02 - Dispenser - Suction
B00 - Tank External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
H99 - Tank Leak Detection - Other
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None

Install Date:	06/01/1976
Capacity Gallons:	4000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/01/1995
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	3721
Tank Number:	009
Tank ID:	4061
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None

Install Date:	12/01/1972
Capacity Gallons:	4000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/01/1995
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	3721
Tank Number:	010
Tank ID:	4062
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

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B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
I00 - Overfill - None

Install Date:	12/01/1972
Capacity Gallons:	4000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/01/1995
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	226
Tank Number:	010
Tank ID:	30485
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

H99 - Tank Leak Detection - Other
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
I00 - Overfill - None

Install Date:	08/01/1971
Capacity Gallons:	4000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/01/1995
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	226
Tank Number:	011
Tank ID:	30486
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

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Equipment Records:

H99 - Tank Leak Detection - Other
G03 - Tank Secondary Containment - Vault (w/o access)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
I00 - Overfill - None

Install Date:	09/01/1973
Capacity Gallons:	4000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/01/1995
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	3721
Tank Number:	011
Tank ID:	4063
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
B00 - Tank External Protection - None
I00 - Overfill - None

Install Date:	12/01/1974
Capacity Gallons:	4000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/01/1995
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	3721
Tank Number:	012
Tank ID:	4064
Tank Status:	Closed - Removed

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Tank Type: Steel/carbon steel
Pipe Model: Not reported

Equipment Records:

D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None

Install Date: Not reported
Capacity Gallons: 550
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: 08/01/1995
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Registered: True
Modified By: TRANSLAT
Last Modified: 03/04/2004

Site ID: 226

Tank Number: 012
Tank ID: 30487
Tank Status: Closed - Removed
Tank Type: Steel/carbon steel
Pipe Model: Not reported

Equipment Records:

H99 - Tank Leak Detection - Other
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
I00 - Overfill - None

Install Date: Not reported
Capacity Gallons: 550
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: 08/01/1995
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Registered: True
Modified By: TRANSLAT
Last Modified: 03/04/2004

Site ID: 3721

Tank Number: 013

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Tank ID: 4065
Tank Status: Closed - Removed
Tank Type: Steel/carbon steel
Pipe Model: Not reported

Equipment Records:
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
I00 - Overfill - None

Install Date: Not reported
Capacity Gallons: 550
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: 08/01/1995
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Registered: True
Modified By: TRANSLAT
Last Modified: 03/04/2004

Site ID: 226

Tank Number: 013
Tank ID: 30488
Tank Status: Closed - Removed
Tank Type: Steel/carbon steel
Pipe Model: Not reported

Equipment Records:
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
B00 - Tank External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
H99 - Tank Leak Detection - Other
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None

Install Date: Not reported
Capacity Gallons: 550
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: 08/01/1995
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Registered: True
Modified By: TRANSLAT
Last Modified: 03/04/2004

Site ID: 3721

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Tank Number:	014
Tank ID:	4066
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
I00 - Overfill - None

Install Date:	12/01/1975
Capacity Gallons:	4000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/01/1995
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Affiliation Records:

Site Id:	3721
Affiliation Type:	Owner
Company Name:	NINETY EIGHT & LIBERTY CORP
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	103-45 98TH ST
Address2:	Not reported
City:	OZONE PARK
State:	NY
Zip Code:	11417
Country Code:	001
Phone:	(718) 843-7077
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	3721
Affiliation Type:	Mail Contact
Company Name:	NINETY EIGHT & LIBERTY CORP
Contact Type:	Not reported
Contact Name:	HYMAN SLATER
Address1:	103-45 98TH ST
Address2:	Not reported
City:	OZONE PARK
State:	NY
Zip Code:	11417

QUEENS FARMS DAIRY INC (Continued) **U003644405**

Country Code:	001
Phone:	(718) 843-7077
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	3721
Affiliation Type:	On-Site Operator
Company Name:	QUEENS FARMS DAIRY INC
Contact Type:	Not reported
Contact Name:	QUEENS FARMS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 738-7712
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	3721
Affiliation Type:	Emergency Contact
Company Name:	NINETY EIGHT & LIBERTY CORP
Contact Type:	Not reported
Contact Name:	MORRIS BOSSMAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 376-3852
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Site ID:	226

Tank Number:	001
Tank ID:	30476
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction

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B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
I00 - Overfill - None

Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/01/1995
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	3721
Tank Number:	001
Tank ID:	4053
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
I00 - Overfill - None

Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/01/1995
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	226
Tank Number:	002
Tank ID:	30477
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

A00 - Tank Internal Protection - None

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D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None

Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/01/1995
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	3721
Tank Number:	002
Tank ID:	4054
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None

Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/01/1995
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	3721
Tank Number:	003
Tank ID:	4055
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

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Equipment Records:

A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
I00 - Overfill - None

Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/01/1995
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	226
Tank Number:	003
Tank ID:	30478
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
I00 - Overfill - None

Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/01/1995
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	226
Tank Number:	004
Tank ID:	30479
Tank Status:	Closed - Removed

QUEENS FARMS DAIRY INC (Continued) **U003644405**

Tank Type: Steel/carbon steel
Pipe Model: Not reported

Equipment Records:

G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
I00 - Overfill - None

Install Date: Not reported
Capacity Gallons: 550
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: 08/01/1995
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Registered: True
Modified By: TRANSLAT
Last Modified: 03/04/2004

Site ID: 3721

Tank Number: 004
Tank ID: 4056
Tank Status: Closed - Removed
Tank Type: Steel/carbon steel
Pipe Model: Not reported

Equipment Records:

D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
I00 - Overfill - None

Install Date: Not reported
Capacity Gallons: 550
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: 08/01/1995
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Registered: True
Modified By: TRANSLAT
Last Modified: 03/04/2004

Site ID: 3721

Tank Number: 005

QUEENS FARMS DAIRY INC (Continued) **U003644405**

Tank ID: 4057
Tank Status: Closed - Removed
Tank Type: Steel/carbon steel
Pipe Model: Not reported

Equipment Records:
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
I00 - Overfill - None

Install Date: Not reported
Capacity Gallons: 550
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: 08/01/1995
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Registered: True
Modified By: TRANSLAT
Last Modified: 03/04/2004

Site ID: 226

Tank Number: 005
Tank ID: 30480
Tank Status: Closed - Removed
Tank Type: Steel/carbon steel
Pipe Model: Not reported

Equipment Records:
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None

Install Date: Not reported
Capacity Gallons: 550
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: 08/01/1995
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Registered: True
Modified By: TRANSLAT
Last Modified: 03/04/2004

Site ID: 3721

QUEENS FARMS DAIRY INC (Continued) **U003644405**

Tank Number:	006
Tank ID:	4058
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
I00 - Overfill - None

Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/01/1995
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	226
Tank Number:	006
Tank ID:	30481
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
B00 - Tank External Protection - None
I00 - Overfill - None

Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/01/1995
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

QUEENS FARMS DAIRY INC (Continued) **U003644405**

Site ID: 226

Tank Number: 007
Tank ID: 30482
Tank Status: Closed - Removed
Tank Type: Steel/carbon steel
Pipe Model: Not reported

Equipment Records:
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None

Install Date: Not reported
Capacity Gallons: 550
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: 08/01/1995
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Registered: True
Modified By: TRANSLAT
Last Modified: 03/04/2004

Site ID: 3721

Tank Number: 007
Tank ID: 4059
Tank Status: Closed - Removed
Tank Type: Steel/carbon steel
Pipe Model: Not reported

Equipment Records:
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None

Install Date: Not reported
Capacity Gallons: 550
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: 08/01/1995
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Registered: True
Modified By: TRANSLAT

QUEENS FARMS DAIRY INC (Continued) **U003644405**

Last Modified: 03/04/2004

Site ID: 226

Tank Number: 008
Tank ID: 30483
Tank Status: Closed - Removed
Tank Type: Steel/carbon steel
Pipe Model: Not reported

Equipment Records:
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
B00 - Tank External Protection - None
I00 - Overfill - None

Install Date: Not reported
Capacity Gallons: 550
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: 08/01/1995
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Registered: True
Modified By: TRANSLAT
Last Modified: 03/04/2004

Site ID: 3721

Tank Number: 008
Tank ID: 4060
Tank Status: Closed - Removed
Tank Type: Steel/carbon steel
Pipe Model: Not reported

Equipment Records:
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None

Install Date: Not reported
Capacity Gallons: 550
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: 08/01/1995
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported

QUEENS FARMS DAIRY INC (Continued) **U003644405**

Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	226
Tank Number:	009
Tank ID:	30484
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
B00 - Tank External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
H99 - Tank Leak Detection - Other
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None

Install Date:	06/01/1976
Capacity Gallons:	4000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/01/1995
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	3721
Tank Number:	009
Tank ID:	4061
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None

Install Date:	12/01/1972
Capacity Gallons:	4000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/01/1995
Tank Location:	5

QUEENS FARMS DAIRY INC (Continued) **U003644405**

Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	3721
Tank Number:	010
Tank ID:	4062
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported
Equipment Records:	
	B00 - Tank External Protection - None
	A00 - Tank Internal Protection - None
	D01 - Pipe Type - Steel/Carbon Steel/Iron
	J02 - Dispenser - Suction
	H00 - Tank Leak Detection - None
	C00 - Pipe Location - No Piping
	F00 - Pipe External Protection - None
	G03 - Tank Secondary Containment - Vault (w/o access)
	I00 - Overfill - None
Install Date:	12/01/1972
Capacity Gallons:	4000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/01/1995
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	226
Tank Number:	010
Tank ID:	30485
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported
Equipment Records:	
	H99 - Tank Leak Detection - Other
	A00 - Tank Internal Protection - None
	D01 - Pipe Type - Steel/Carbon Steel/Iron
	J02 - Dispenser - Suction
	C00 - Pipe Location - No Piping
	F00 - Pipe External Protection - None
	B00 - Tank External Protection - None
	G03 - Tank Secondary Containment - Vault (w/o access)
	I00 - Overfill - None
Install Date:	08/01/1971
Capacity Gallons:	4000
Tightness Test Method:	NN
Next Test Date:	Not reported

QUEENS FARMS DAIRY INC (Continued) **U003644405**

Date Tank Closed:	08/01/1995
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	226
Tank Number:	011
Tank ID:	30486
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

H99 - Tank Leak Detection - Other
G03 - Tank Secondary Containment - Vault (w/o access)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
I00 - Overfill - None

Install Date:	09/01/1973
Capacity Gallons:	4000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/01/1995
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	3721
Tank Number:	011
Tank ID:	4063
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
B00 - Tank External Protection - None
I00 - Overfill - None

Install Date:	12/01/1974
Capacity Gallons:	4000

QUEENS FARMS DAIRY INC (Continued) **U003644405**

Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/01/1995
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	3721
Tank Number:	012
Tank ID:	4064
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported
Equipment Records:	
	D00 - Pipe Type - No Piping
	G00 - Tank Secondary Containment - None
	B00 - Tank External Protection - None
	A00 - Tank Internal Protection - None
	J02 - Dispenser - Suction
	H00 - Tank Leak Detection - None
	C00 - Pipe Location - No Piping
	F00 - Pipe External Protection - None
	I00 - Overfill - None
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/01/1995
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	226
Tank Number:	012
Tank ID:	30487
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported
Equipment Records:	
	H99 - Tank Leak Detection - Other
	A00 - Tank Internal Protection - None
	D01 - Pipe Type - Steel/Carbon Steel/Iron
	J02 - Dispenser - Suction
	C00 - Pipe Location - No Piping
	F00 - Pipe External Protection - None
	B00 - Tank External Protection - None
	G03 - Tank Secondary Containment - Vault (w/o access)
	I00 - Overfill - None

QUEENS FARMS DAIRY INC (Continued) **U003644405**

Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/01/1995
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	3721
Tank Number:	013
Tank ID:	4065
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
I00 - Overfill - None

Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/01/1995
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	226
Tank Number:	013
Tank ID:	30488
Tank Status:	Closed - Removed
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
B00 - Tank External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
H99 - Tank Leak Detection - Other
C00 - Pipe Location - No Piping

QUEENS FARMS DAIRY INC (Continued) **U003644405**

F00 - Pipe External Protection - None
I00 - Overfill - None
Install Date: Not reported
Capacity Gallons: 550
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: 08/01/1995
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Registered: True
Modified By: TRANSLAT
Last Modified: 03/04/2004

Site ID: 3721

Tank Number: 014
Tank ID: 4066
Tank Status: Closed - Removed
Tank Type: Steel/carbon steel
Pipe Model: Not reported

Equipment Records:
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
I00 - Overfill - None
Install Date: 12/01/1975
Capacity Gallons: 4000
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: 08/01/1995
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Registered: True
Modified By: TRANSLAT
Last Modified: 03/04/2004

HIST UST:
PBS Number: 2-032573
SPDES Number: Not reported
Emergency Contact: QUEENS FARMS
Emergency Telephone: (718) 738-7712
Operator: QUEENS FARMS
Operator Telephone: (718) 738-7712
Owner Name: QUEENS FARMS DAIRY INC
Owner Address: 103-45 98TH ST
Owner City,St,Zip: OZONE PARK, NY 11417
Owner Telephone: (718) 738-7712
Owner Type: Not reported
Owner Subtype: Not reported

QUEENS FARMS DAIRY INC (Continued) **U003644405**

Mailing Name:	QUEENS FARMS DAIRY INC
Mailing Address:	103-45 98TH ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	OZONE PARK, NY 11417
Mailing Contact:	Not reported
Mailing Telephone:	(718) 738-7712
Owner Mark:	First Owner
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Facility Addr2:	103045 98TH ST
SWIS ID:	6301
Old PBS Number:	Not reported
Facility Type:	OTHER
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	08/19/1992
Expiration Date:	10/29/1997
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	0
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	0
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	63
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	LEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	Other
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	08/01/1995
Test Method:	Not reported
Deleted:	False

QUEENS FARMS DAIRY INC (Continued) **U003644405**

Updated:	True
Lat/long:	Not reported

Tank Id:	002
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	LEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	Other
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	08/01/1995
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	003
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	LEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	Other
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	08/01/1995
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

QUEENS FARMS DAIRY INC (Continued) **U003644405**

Tank Id:	004
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	LEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	Other
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	08/01/1995
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	005
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	LEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	Other
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	08/01/1995
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	006
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed

QUEENS FARMS DAIRY INC (Continued) **U003644405**

Install Date:	Not reported
Capacity (gals):	550
Product Stored:	LEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	Other
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	08/01/1995
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	007
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	LEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	Other
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	08/01/1995
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	008
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	LEADED GASOLINE

QUEENS FARMS DAIRY INC (Continued) **U003644405**

Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	Other
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	08/01/1995
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	009
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19760601
Capacity (gals):	4000
Product Stored:	DIESEL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Diking
Leak Detection:	Other
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	08/01/1995
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	010
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19710801
Capacity (gals):	4000
Product Stored:	LEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported

QUEENS FARMS DAIRY INC (Continued) **U003644405**

Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Diking
Leak Detection:	Other
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	08/01/1995
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	011
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19730901
Capacity (gals):	4000
Product Stored:	DIESEL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Diking
Leak Detection:	Other
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	08/01/1995
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	012
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported

QUEENS FARMS DAIRY INC (Continued) **U003644405**

Pipe External:	Not reported
Second Containment:	Diking
Leak Detection:	Other
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	08/01/1995
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	013
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Diking
Leak Detection:	Other
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	08/01/1995
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

R74 **EDR US Hist Auto Stat** **1015686461**
WSW **9709 ROCKAWAY BLVD** **N/A**
1/8-1/4 **OZONE PARK, NY 11417**
0.188 mi.
992 ft. **Site 4 of 5 in cluster R**

Relative:
Lower

Actual:
33 ft.

EDR Historical Auto Stations:

Name:	LIBERTY SERVICE STATION INC
Year:	2001
Address:	9709 ROCKAWAY BLVD
Name:	LIBERTY SERVICE STATION INC
Year:	2002
Address:	9709 ROCKAWAY BLVD
Name:	LIBERTY SERVICE STATION INC
Year:	2003

(Continued) **1015686461**

Address: 9709 ROCKAWAY BLVD

Name: LIBERTY SERVICE STATION INC
Year: 2005
Address: 9709 ROCKAWAY BLVD

Name: LIBERTY SERVICE STATION INC
Year: 2007
Address: 9709 ROCKAWAY BLVD

Name: LIBERTY SERVICE STATION INC
Year: 2009
Address: 9709 ROCKAWAY BLVD

S75
ENE
1/8-1/4
0.188 mi.
994 ft.

10417 106TH ST
OZONE PARK, NY 11417

Site 2 of 3 in cluster S

EDR US Hist Auto Stat **1015137323**
N/A

Relative:
Higher

Actual:
39 ft.

EDR Historical Auto Stations:
Name: STEVE S AUTO REPAIR LYNBROOK INC
Year: 2007
Address: 10417 106TH ST

S76
ENE
1/8-1/4
0.193 mi.
1017 ft.

10602 LIBERTY AVE
OZONE PARK, NY 11417

Site 3 of 3 in cluster S

EDR US Hist Cleaners **1014971929**
N/A

Relative:
Higher

Actual:
40 ft.

EDR Historical Cleaners:
Name: E & R LAUNDROMAT
Year: 2010
Address: 10602 LIBERTY AVE

Name: E & R LAUNDROMAT
Year: 2011
Address: 10602 LIBERTY AVE

Name: E & R LAUNDROMAT
Year: 2012
Address: 10602 LIBERTY AVE

R77
WSW
1/8-1/4
0.195 mi.
1032 ft.

AMMOCO STATION
9702 ROCKAWAY BLVD
QUEENS, NY

Site 5 of 5 in cluster R

LTANKS **S103558225**
HIST LTANKS **N/A**

Relative:
Lower

Actual:
33 ft.

LTANKS:
Site ID: 224197
Spill No: 9809619
Spill Date: 10/30/1998
Spill Cause: Tank Overfill

AMMOCO STATION (Continued) **S103558225**

Spill Source:	Gasoline Station
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	11/6/1998
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	4101
Investigator:	SACCACIO
Referred To:	Not reported
Reported to Dept:	10/30/1998
CID:	322
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	10/30/1998
Spill Record Last Update:	2/10/2003
Spiller Name:	ISREAL VAZQUEZ
Spiller Company:	AMMOCO
Spiller Address:	125 APPOLO ST
Spiller City,St,Zip:	BROOKLYN, NY
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	185295
DEC Memo:	Not reported
Remarks:	driver was filing station tanks and overfilled - spill pads usedto clean up and fd on scene

Material:

Site ID:	224197
Operable Unit ID:	1066865
Operable Unit:	01
Material ID:	313522
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	75
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported

AMMOCO STATION (Continued) **S103558225**

Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

HIST LTANKS:
Region of Spill: 2
Spill Number: 9809619
Spill Date: 10/30/1998
Spill Time: 18:30
Spill Cause: Tank Overfill
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Gas Station
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 11/06/98
Cleanup Ceased: / /
Cleanup Meets Standard: False
Investigator: SACCACIO
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 10/30/98
Reported to Department Time: 20:02
SWIS: 63
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: AMMOCO
Spiller Address: 125 APPOLO ST
Spiller City,St,Zip: BROOKLYN, NY
Spiller Cleanup Date: / /
Facility Contact: ISREAL VAZQUEZ
Facility Phone: (718) 389-4910
Facility Extention: Not reported
Spill Notifier: Responsible Party
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 10/30/98
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 11/06/98
Is Updated: False

AMMOCO STATION (Continued) **S103558225**

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	75
Unkonwn Quantity Spilled:	False
Units:	Gallons
Quantity Recovered:	0
Unkonwn Quantity Recovered:	True
Material:	GASOLINE
Class Type:	GASOLINE
Times Material Entry In File:	21329
CAS Number:	Not reported
Last Date:	19940929

DEC Remarks: 11/6/98 - Saccacio - On 10/30/98 at 20:04 DEC Saccacio) received the spill report the spill hotline told him that the FDNY also called and they a mentioned something about contaminated soil. He then called the spill location but did not get anyoneso he called the caller and spoke with Israel Va que who told him that they were sending a representative to meet the coast guard on scene. DEC Saccacio) responded to the scene. 20:45 On scene DEC Saccacio) found no free product on the ground and some speedy dry spread over a small area. There also was a stain left behind from a spill. Form the looks of the stain, the spill was approximately 12 gallons. There was also a yellow 55-gallon drum that contained unknown contents. 20:50 DEPTwano) and Rod O Neill, fleet manager for Amoco arrived. DEC Saccacio) checked the scene and found no other evidence of spillage. 21:00 P.O. Hobson of the USCG arrives. 21:20 DEC Saccacio) calls the FDNY Ha mat to get information about spill.They refer him to the 51 battalion who did the response. DEC Saccacio) spoke with Chief s Aid Ralph Nichols of the 51 battalion. He said that when they had arrived they found the gasoline soaked pads in the nearby dumpster. He said they fished the pad out of the dumpster and put it into the drum. He said that the dirt that was mentioned to the spill hotline was the dirt that was on top of the concrete. DEC Saccacio) asked Rod to dispose of the rest of the materials in the dumpster alongthe speedy dry and dirt that was still in the concrete. He also asked Rod to send him a statement that he completed the cleanup and a copy of the waste manifests. On 11/05/98 DEC Saccacio) receives the waste manifest and a cleanup statement. The latter was incomplete. Spicifically it was not signed and it didn t summari e the cleanup measures. On 11/16/98 DEC Saccacio) called Amoco and requested a new statement.

Spill Cause: driver was filing station tanks and overfilled - spill pads used to clean up and fd on scene

U78 **ENGINE 285 / LADDER 142** **AST** **U003394383**
WNW **103-17 98TH STREET** **HIST AST** **N/A**
1/8-1/4 **OZONE PARK, NY 11417**
0.211 mi.
1116 ft. **Site 1 of 3 in cluster U**

Relative:
Higher

Actual:
35 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Facility Id:	2-358215
Program Type:	PBS
UTM X:	597886.77226
UTM Y:	4503913.0008899998
Expiration Date:	N/A

Affiliation Records:

Site Id:	17963
Affiliation Type:	Owner
Company Name:	FIRE DEPARTMENT
Contact Type:	ASST. COMMISSIONER
Contact Name:	JOSEPH M. MASTROPIETRO
Address1:	9 METROTECH
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11201-3857
Country Code:	001
Phone:	(718) 999-2094
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	8/23/2012

Site Id:	17963
Affiliation Type:	Mail Contact
Company Name:	BUILDINGS MAINTENANCE DIVISION
Contact Type:	Not reported
Contact Name:	JOSEPH M. MASTROPIETRO, ASST. COMMISSIONER
Address1:	FIRE DEPARTMENT
Address2:	48-34 35TH STREET
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 784-6510
Phone Ext:	Not reported
Email:	MASTROJ@FDNY.NYC.GOV
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	12/29/2009

Site Id:	17963
Affiliation Type:	On-Site Operator
Company Name:	ENGINE 285 / LADDER 142
Contact Type:	Not reported
Contact Name:	COMPANY OFFICER
Address1:	Not reported
Address2:	Not reported

ENGINE 285 / LADDER 142 (Continued) **U003394383**

City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 476-6285
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	17963
Affiliation Type:	Emergency Contact
Company Name:	FIRE DEPARTMENT
Contact Type:	Not reported
Contact Name:	EOC/NOTIFICATION DESK
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 999-2094
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	8/23/2012

Tank Info:

Tank Number:	001
Tank Id:	35135

Equipment Records:

H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
L09 - Piping Leak Detection - Exempt Suction Piping
G03 - Tank Secondary Containment - Vault (w/o access)
B00 - Tank External Protection - None

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	03/01/1976
Capacity Gallons:	2500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	08/27/2009
Register:	True
Modified By:	NRLOMBAR

ENGINE 285 / LADDER 142 (Continued) **U003394383**

Last Modified: 12/29/2009

Tank Number: 002
Tank Id: 35136

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
I02 - Overfill - High Level Alarm
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G01 - Tank Secondary Containment - Diking (Aboveground)
J02 - Dispenser - Suction
L09 - Piping Leak Detection - Exempt Suction Piping
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 06/01/1996
Capacity Gallons: 550
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: NRLOMBAR
Last Modified: 12/29/2009

HIST AST:

PBS Number: 2-358215
SWIS Code: 6301
Operator: OFFICER ON DUTY
Facility Phone: (718) 476-6285
Facility Addr2: 103017 98TH STREET
Facility Type: OTHER
Emergency: OFFICER ON DUTY
Emergency Tel: (718) 403-1580
Old PBSNO: Not reported
Date Inspected: Not reported
Inspector: Not reported
Result of Inspection: Not reported
Owner Name: NEW YORK CITY FIRE DEPARTMENT
Owner Address: 9 METRO TECH
Owner City,St,Zip: BROOKLYN, NY 11201-3857
Federal ID: Not reported
Owner Tel: (718) 999-2094
Owner Type: Local Government
Owner Subtype: C
Mailing Contact: DIRECTOR
Mailing Name: NEW YORK CITY FIRE DEPARTMENT-BUILDING MAINTENANCE
Mailing Address: 48-34 35TH STREET
Mailing Address 2: Not reported

ENGINE 285 / LADDER 142 (Continued) **U003394383**

Mailing City,St,Zip:	LONG ISLAND CITY, NY 11101
Mailing Telephone:	(718) 784-6510
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	09/04/1998
Expiration:	07/28/2003
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	3050
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	63
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	19760301
Capacity (Gal):	2500
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	002
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	19960601
Capacity (Gal):	550
Product Stored:	DIESEL

ENGINE 285 / LADDER 142 (Continued) **U003394383**

Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	01
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	Epoxy Liner
Pipe External:	01
Tank Containment:	Excavation/Tranch Liner
Leak Detection:	04
Overfill Protection:	24
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

U79 **VOGUES MFG CO INC** **RCRA NonGen / NLR** **1000424657**
WNW **103-11 98TH ST** **FINDS** **NYD001213826**
1/8-1/4 **OZONE PARK, NY 11417**
0.218 mi.
1151 ft. **Site 2 of 3 in cluster U**

Relative:
Higher

Actual:
35 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	VOGUES MFG CO INC
Facility address:	103-11 98TH ST OZONE PARK, NY 11417
EPA ID:	NYD001213826
Mailing address:	98TH ST OZONE PARK, NY 11417
Contact:	Not reported
Contact address:	98TH ST OZONE PARK, NY 11417
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	RADAR ASSOCIATES INC & FRED VOGES
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

VOGUES MFG CO INC (Continued) **1000424657**

Owner/operator name: RADAR ASSOCIATES INC & FRED VOGES
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: VOGUES MFG CO INC
Classification: Not a generator, verified

Date form received by agency: 05/10/1996
Facility name: VOGUES MFG CO INC
Classification: Not a generator, verified

Date form received by agency: 06/26/1980
Facility name: VOGUES MFG CO INC
Classification: Not a generator, verified

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 01/02/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/07/1983
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

FINDS:

VOGUES MFG CO INC (Continued) **1000424657**

Registry ID: 110004332598

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

U80 **THE VOGES MFG. COMPANY INC.** **UST** **U003065808**
WNW **103-11 98TH STREET** **HIST UST** **N/A**
1/8-1/4 **OZONE PARK, NY 11417**
0.218 mi.
1151 ft. **Site 3 of 3 in cluster U**

Relative:
Higher

Actual:
35 ft.

UST:

Facility Id:	2-082090
Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Program Type:	PBS
Expiration Date:	N/A
UTM X:	597886.85676999995
UTM Y:	4503913.0020099999

Affiliation Records:

Site Id:	1754
Affiliation Type:	Owner
Company Name:	THE VOGES MFG. COMPANY INC.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	103-11 98TH STREET
Address2:	Not reported
City:	OZONE PARK
State:	NY
Zip Code:	11417
Country Code:	001
Phone:	(718) 843-7100
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	1754
Affiliation Type:	Mail Contact
Company Name:	THE VOGES MFG. COMPANY INC.
Contact Type:	Not reported
Contact Name:	ROBERT VOGES
Address1:	103-11 98TH STREET
Address2:	Not reported
City:	OZONE PARK
State:	NY
Zip Code:	11417
Country Code:	001
Phone:	(718) 843-7100

THE VOGES MFG. COMPANY INC. (Continued) **U003065808**

Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	1754
Affiliation Type:	On-Site Operator
Company Name:	THE VOGES MFG. COMPANY INC.
Contact Type:	Not reported
Contact Name:	ROBERT VOGES
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 843-7100
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	1754
Affiliation Type:	Emergency Contact
Company Name:	THE VOGES MFG. COMPANY INC.
Contact Type:	Not reported
Contact Name:	ROBERT VOGES
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 843-7100
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Site ID:	1754
Tank Number:	098
Tank ID:	2966
Tank Status:	Closed - In Place
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

THE VOGES MFG. COMPANY INC. (Continued) **U003065808**

J02 - Dispenser - Suction
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

Install Date:	12/01/1945
Capacity Gallons:	3000
Tightness Test Method:	03
Next Test Date:	Not reported
Date Tank Closed:	02/01/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	11/01/1991
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	1754
Tank Number:	099
Tank ID:	2967
Tank Status:	Closed - In Place
Tank Type:	Steel/carbon steel
Pipe Model:	Not reported

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
B00 - Tank External Protection - None

Install Date:	12/01/1945
Capacity Gallons:	1500
Tightness Test Method:	03
Next Test Date:	Not reported
Date Tank Closed:	02/01/1993
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	11/01/1991
Registered:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

HIST UST:

PBS Number:	2-082090
SPDES Number:	Not reported
Emergency Contact:	ROBERT VOGES
Emergency Telephone:	(718) 843-7100
Operator:	ROBERT VOGES
Operator Telephone:	(718) 843-7100
Owner Name:	THE VOGES MFG. COMPANY INC.
Owner Address:	103-11 98TH STREET
Owner City,St,Zip:	OZONE PARK, NY 11417
Owner Telephone:	(718) 843-7100

THE VOGES MFG. COMPANY INC. (Continued) **U003065808**

Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	THE VOGES MFG. COMPANY INC.
Mailing Address:	103-11 98TH STREET
Mailing Address 2:	Not reported
Mailing City,St,Zip:	OZONE PARK, NY 11417
Mailing Contact:	ROBERT VOGES
Mailing Telephone:	(718) 843-7100
Owner Mark:	First Owner
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Facility Addr2:	103011 98TH ST
SWIS ID:	6301
Old PBS Number:	Not reported
Facility Type:	MANUFACTURING
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	05/28/1993
Expiration Date:	03/24/1997
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	0
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	0
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	63
Town or City:	01
Region:	2

Tank Id:	098
Tank Location:	UNDERGROUND
Tank Status:	Closed-In Place
Install Date:	19451201
Capacity (gals):	3000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	Other
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	11/01/1991
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	02/01/1996

THE VOGES MFG. COMPANY INC. (Continued) **U003065808**

Test Method:	Horner EZ Check
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	099
Tank Location:	UNDERGROUND
Tank Status:	Closed-In Place
Install Date:	19451201
Capacity (gals):	1500
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	Other
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	11/01/1991
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	02/01/1993
Test Method:	Horner EZ Check
Deleted:	False
Updated:	True
Lat/long:	Not reported

V81 **103-55 97TH STREET** **AST** **U003392399**
West **103-55 97TH STREET** **HIST AST** **N/A**
1/8-1/4 **OZONE PARK, NY 11417**
0.221 mi.
1167 ft. **Site 1 of 2 in cluster V**

Relative:
Lower

Actual:
32 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-365564
Program Type:	PBS
UTM X:	597808.15174
UTM Y:	4504061.6282000002
Expiration Date:	2018/01/07

Affiliation Records:

Site Id:	18571
Affiliation Type:	Owner
Company Name:	GEORGE SANTIS
Contact Type:	OWNER
Contact Name:	GEORGE SANTIS
Address1:	73-14 21ST AVENUE
Address2:	Not reported
City:	JACKSON HEIGHTS
State:	NY

103-55 97TH STREET (Continued) **U003392399**

Zip Code:	11370
Country Code:	001
Phone:	(718) 721-8106
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	10/23/2007

Site Id:	18571
Affiliation Type:	Mail Contact
Company Name:	GEORGE SANTIS
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	73-14 21ST AVE
Address2:	Not reported
City:	JACKSON HEIGHTS
State:	NY
Zip Code:	11370
Country Code:	001
Phone:	(718) 721-8106
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	18571
Affiliation Type:	On-Site Operator
Company Name:	103-55 97TH STREET
Contact Type:	Not reported
Contact Name:	GEORGE SANTIS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 721-8106
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	18571
Affiliation Type:	Emergency Contact
Company Name:	GEORGE SANTIS
Contact Type:	Not reported
Contact Name:	GEORGE SANTIS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 721-8106

103-55 97TH STREET (Continued) **U003392399**

Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	24508

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
L09 - Piping Leak Detection - Exempt Suction Piping
B00 - Tank External Protection - None

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/1928
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	msbaptis
Last Modified:	10/23/2007

HIST AST:

PBS Number:	2-365564
SWIS Code:	6301
Operator:	GEORGE SANTIS
Facility Phone:	(718) 721-8106
Facility Addr2:	103055 97TH STREET
Facility Type:	APARTMENT BUILDING
Emergency:	GEORGE SANTIS
Emergency Tel:	(718) 721-8106
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	GEORGE SANTIS
Owner Address:	73-14 21ST AVENUE
Owner City,St,Zip:	JACKSON HEIGHTS, NY 11370
Federal ID:	Not reported
Owner Tel:	(718) 721-8106
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Contact:	Not reported

103-55 97TH STREET (Continued) **U003392399**

Mailing Name:	GEORGE SANTIS
Mailing Address:	73-14 21ST AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	JACKSON HEIGHTS, NY 11370
Mailing Telephone:	(718) 721-8106
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	11/24/1997
Expiration:	01/07/2003
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	5000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	63
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	5000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	None
Leak Detection:	9
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

82 WSW 1/8-1/4 0.223 mi. 1178 ft. | **CLOSED-LACKOF RECENT INFO**
98-21 ROCKAWAY BLVD
NEW YORK CITY, NY | **LTANKS** **HIST LTANKS** | **S100146052** **N/A**

Relative: Lower

Actual: 33 ft.

LTANKS:

Site ID:	182100
Spill No:	9002397
Spill Date:	5/31/1990
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station
Spill Class:	Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	3/4/2003
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	4101
Investigator:	ADMIN. CLOSED
Referred To:	Not reported
Reported to Dept:	6/1/1990
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	6/1/1990
Spill Record Last Update:	3/4/2003
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	283124
DEC Memo:	Not reported
Remarks:	(8) 550 GAL TANKS MANIFOLDED, 550 TESTED VAC-U TECH, GROSS LEAK, ISOLATE JUST ONE TANK & RETEST.ADMIN. CLOSED

Material:

Site ID:	182100
Operable Unit ID:	942245
Operable Unit:	01
Material ID:	437136
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

CLOSED-LACKOF RECENT INFO (Continued) **S100146052**

Tank Test:

Site ID:	182100
Spill Tank Test:	1537143
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

HIST LTANKS:

Region of Spill:	2
Spill Number:	9002397
Spill Date:	05/31/1990
Spill Time:	21:00
Spill Cause:	Tank Test Failure
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Gas Station
Spill Class:	Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	/ /
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	SULLIVAN
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	06/01/90
Reported to Department Time:	09:03
SWIS:	63
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	(718) 729-6500
Facility Extention:	Not reported
Spill Notifier:	Tank Tester
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	True

CLOSED-LACKOF RECENT INFO (Continued) **S100146052**

Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 06/01/90
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 07/03/95
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: 0
Test Method: Not reported
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: -1
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: Not reported
Spill Cause: 8) 550 GAL TANKS MANIFOLDED, 550 TESTED VAC-U TECH, GROSS LEAK, ISOLATE JUST ONE TANK RETEST.

W83 **EDR US Hist Auto Stat** **1015684942**
WSW **9610 LIBERTY AVE** **N/A**
1/8-1/4 **OZONE PARK, NY 11417**
0.226 mi.
1192 ft. **Site 1 of 5 in cluster W**

Relative:
Lower

Actual:
32 ft.

EDR Historical Auto Stations:
Name: HOWARD BEACH CAR SVC
Year: 2010
Address: 9610 LIBERTY AVE

V84 **103-45 97 STREET** **AST** **U003391699**
West **103-45 97 STREET** **HIST AST** **N/A**
1/8-1/4 **OZONE PARK, NY 11417**
0.227 mi.
1201 ft. **Site 2 of 2 in cluster V**

Relative:
Lower

Actual:
33 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-361399
Program Type: PBS
UTM X: 597799.49459999998
UTM Y: 4504083.6083800001

103-45 97 STREET (Continued) **U003391699**

Expiration Date: 2017/12/14

Affiliation Records:

Site Id: 18242
Affiliation Type: Owner
Company Name: GEORGE SANTIS
Contact Type: OWNER
Contact Name: GEORGE SANTIS
Address1: 73-14 21 AVENUE
Address2: Not reported
City: JACKSON HEIGHTS
State: NY
Zip Code: 11370
Country Code: 001
Phone: (718) 721-8106
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: kakyer
Date Last Modified: 10/3/2007

Site Id: 18242
Affiliation Type: Mail Contact
Company Name: GEORGE SANTIS
Contact Type: Not reported
Contact Name: Not reported
Address1: 73-14 21ST AVENUE
Address2: Not reported
City: JACKSON HEIGHTS
State: NY
Zip Code: 11370
Country Code: 001
Phone: (718) 721-8106
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 18242
Affiliation Type: On-Site Operator
Company Name: 103-55 97TH STREET
Contact Type: Not reported
Contact Name: GEORGE SANTIS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 721-8106
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 18242

103-45 97 STREET (Continued) **U003391699**

Affiliation Type:	Emergency Contact
Company Name:	GEORGE SANTIS
Contact Type:	Not reported
Contact Name:	GEORGE SANTIS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 721-8106
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	22116

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
L09 - Piping Leak Detection - Exempt Suction Piping
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/1931
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	kakyer
Last Modified:	10/03/2007

HIST AST:

PBS Number:	2-361399
SWIS Code:	6301
Operator:	GEORGE SANTIS
Facility Phone:	(718) 721-8106
Facility Addr2:	103045 97 STREET
Facility Type:	APARTMENT BUILDING
Emergency:	GEORGE SANTIS
Emergency Tel:	(718) 721-8106
Old PBSNO:	Not reported

103-45 97 STREET (Continued) **U003391699**

Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	GEORGE SANTIS
Owner Address:	73-14-21 AVENUE
Owner City,St,Zip:	JACKSON HEIGHTS, NY 11370
Federal ID:	Not reported
Owner Tel:	(718) 721-8106
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	GEORGE SANTIS
Mailing Address:	73-14-21 AVENUE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	JACKSON HEIGHTS, NY 11370
Mailing Telephone:	(718) 721-8106
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	11/06/1997
Expiration:	12/14/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	2000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	63
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	2000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	None
Leak Detection:	9
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing

103-45 97 STREET (Continued) **U003391699**

Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

X85 SSW 1/8-1/4 0.228 mi. 1205 ft. **PBLIC SCHOOL 137-QUEENS** **AST** **A100304650**
109-01 98TH ST **N/A**
OZONE PARK, NY 11417

Site 1 of 3 in cluster X

Relative: Higher

Actual: 45 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-610568
Program Type:	PBS
UTM X:	598030.37176999997
UTM Y:	4503702.1688999999
Expiration Date:	2017/10/02

Affiliation Records:

Site Id:	381580
Affiliation Type:	Owner
Company Name:	NYC DEPT. OF EDUCATION
Contact Type:	MGR
Contact Name:	MUNENDRA SHARMA
Address1:	44-36 VERNON BLVD
Address2:	Not reported
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 349-5738
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	12/21/2012

Site Id:	381580
Affiliation Type:	Mail Contact
Company Name:	NYC DEPT. OF EDUCATION
Contact Type:	MGR
Contact Name:	JAMES MERLO
Address1:	44-36 VERNON BLVD
Address2:	Not reported
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 349-5738
Phone Ext:	Not reported
Email:	MSHARMA@SCHOOLS.NYC.GOV
Fax Number:	Not reported
Modified By:	BVCAMPBE

PBLIC SCHOOL 137-QUEENS (Continued) **A100304650**

Date Last Modified: 8/10/2010

Site Id: 381580
Affiliation Type: On-Site Operator
Company Name: PBLIC SCHOOL 137-QUEENS
Contact Type: Not reported
Contact Name: PLANT OPERATIONS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 349-5400
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: msbaptis
Date Last Modified: 5/17/2007

Site Id: 381580
Affiliation Type: Emergency Contact
Company Name: NYC DEPT. OF EDUCATION
Contact Type: Not reported
Contact Name: SCHOOL SAFETY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 935-3300
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 7/12/2011

Tank Info:

Tank Number: 001
Tank Id: 217265

Equipment Records:

I02 - Overfill - High Level Alarm
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
L00 - Piping Leak Detection - None

Tank Location: 3

PBLIC SCHOOL 137-QUEENS (Continued) **A100304650**

Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	10/02/2002
Capacity Gallons:	10000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	msbaptis
Last Modified:	05/17/2007

Tank Number:	002
Tank Id:	217266

Equipment Records:

I02 - Overfill - High Level Alarm
B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction
L00 - Piping Leak Detection - None

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	10/20/2002
Capacity Gallons:	300
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	msbaptis
Last Modified:	05/17/2007

86
ESE
1/8-1/4
0.234 mi.
1234 ft.

10757 106TH ST
OZONE PARK, NY 11417

EDR US Hist Cleaners **1014972749**
N/A

Relative:
Higher

Actual:
39 ft.

EDR Historical Cleaners:

Name:	WHITE & BRIGHT LAUNDROMAT INC
Year:	2002
Address:	10757 106TH ST

Name:	WHITE & BRIGHT LAUNDROMAT INC
Year:	2003
Address:	10757 106TH ST

87 West 1/8-1/4 0.234 mi. 1238 ft.

103-35 97 STREET
103-35 97 STREET
OZONE PARK, NY 11417

AST **U003391700**
HIST AST **N/A**

Relative: Lower

Actual: 33 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-361402
Program Type:	PBS
UTM X:	597790.75300000003
UTM Y:	4504105.5874500005
Expiration Date:	2017/12/14

Affiliation Records:

Site Id:	18243
Affiliation Type:	Owner
Company Name:	GEORGE SANTIS
Contact Type:	OWNER
Contact Name:	GEORGE SANTIS
Address1:	73-14-21ST AVENUE
Address2:	Not reported
City:	JACKSON HEIGHTS
State:	NY
Zip Code:	11370
Country Code:	001
Phone:	(718) 721-8106
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	10/12/2007

Site Id:	18243
Affiliation Type:	Mail Contact
Company Name:	GEORGE SANTIS
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	73-14 21ST AVENUE
Address2:	Not reported
City:	JACKSON HEIGHTS
State:	NY
Zip Code:	11370
Country Code:	001
Phone:	(718) 721-8106
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	12/19/2012

Site Id:	18243
Affiliation Type:	On-Site Operator
Company Name:	103-35 97 STREET
Contact Type:	Not reported
Contact Name:	G SANTIS
Address1:	Not reported
Address2:	Not reported

103-35 97 STREET (Continued) **U003391700**

City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 721-8106
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	18243
Affiliation Type:	Emergency Contact
Company Name:	GEORGE SANTIS
Contact Type:	Not reported
Contact Name:	G SANTIS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 721-8106
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	22117

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
L09 - Piping Leak Detection - Exempt Suction Piping
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
B00 - Tank External Protection - None

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/1931
Capacity Gallons:	3000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KXTANG

103-35 97 STREET (Continued) **U003391700**

Last Modified: 10/12/2007

HIST AST:

PBS Number:	2-361402
SWIS Code:	6301
Operator:	G SANTIS
Facility Phone:	(718) 721-8106
Facility Addr2:	103035 97 STREET
Facility Type:	APARTMENT BUILDING
Emergency:	G SANTIS
Emergency Tel:	(718) 721-8106
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	GEORGE SANTIS
Owner Address:	73-14-21ST AVENUE
Owner City,St,Zip:	JACKSON HEIGHTS, NY 11370
Federal ID:	Not reported
Owner Tel:	(718) 721-8106
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	GEORGE SANTIS
Mailing Address:	73-14-21ST AVENUE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	JACKSON HEIGHTS, NY 11370
Mailing Telephone:	(718) 721-8106
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	11/06/1997
Expiration:	12/14/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	3000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	63
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	3000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported

103-35 97 STREET (Continued) **U003391700**

Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	None
Leak Detection:	9
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

W88 **EDR US Hist Cleaners** **1015108798**
WSW **9619 LIBERTY AVE** **N/A**
1/8-1/4 **OZONE PARK, NY 11417**
0.240 mi.
1269 ft. **Site 2 of 5 in cluster W**

Relative:
Lower

Actual:
31 ft.

EDR Historical Cleaners:

Name:	YUN LAUNDROMAT
Year:	1999
Address:	9619 LIBERTY AVE
Name:	YUN LAUNDROMAT
Year:	2000
Address:	9619 LIBERTY AVE

X89 **U S COLLISION INC** **RCRA NonGen / NLR** **1000140250**
SSW **109-14 98TH ST** **FINDS** **NYD052207271**
1/8-1/4 **OZONE PARK, NY 11417** **MANIFEST**
0.241 mi.
1272 ft. **Site 2 of 3 in cluster X**

Relative:
Higher

Actual:
46 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	U S COLLISION INC
Facility address:	109-14 98TH ST OZONE PARK, NY 114172114
EPA ID:	NYD052207271
Mailing address:	98TH ST OZONE PARK, NY 11416
Contact:	Not reported
Contact address:	98TH ST OZONE PARK, NY 11416
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator

U S COLLISION INC (Continued) **1000140250**

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: US COLLISION INC
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: US COLLISION INC
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: U S COLLISION INC
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: U S COLLISION INC
Classification: Not a generator, verified

Date form received by agency: 04/03/1989
Facility name: U S COLLISION INC
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

U S COLLISION INC (Continued) **1000140250**

Registry ID: 110004358604

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

NY MANIFEST:

EPA ID:	NYD052207271
Country:	USA
Mailing Name:	U S COLLISION INCATTN:RONALD BAUER
Mailing Contact:	U S COLLISION INCATTN:RONALD BAUER
Mailing Address:	109-14 98TH ST
Mailing Address 2:	Not reported
Mailing City:	OZONE PARK
Mailing State:	NY
Mailing Zip:	11416
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	718-835-4656

Document ID:	NYC1314584
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	MT9351
Trans2 State ID:	Not reported
Generator Ship Date:	920422
Trans1 Recv Date:	920422
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920427
Part A Recv Date:	Not reported
Part B Recv Date:	920529
Generator EPA ID:	NYD052207271
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980753784
Waste Code:	F005 - UNKNOWN
Quantity:	00027
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	92

Document ID:	NYC1887849
Manifest Status:	Completed copy
Trans1 State ID:	LP3931NY

U S COLLISION INC (Continued) **1000140250**

Trans2 State ID:	Not reported
Generator Ship Date:	921030
Trans1 Recv Date:	921030
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	921030
Part A Recv Date:	Not reported
Part B Recv Date:	921113
Generator EPA ID:	NYD052207271
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F005 - UNKNOWN
Quantity:	00123
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	92

Document ID:	NYC1786678
Manifest Status:	Completed copy
Trans1 State ID:	MT9351
Trans2 State ID:	Not reported
Generator Ship Date:	920714
Trans1 Recv Date:	920714
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920714
Part A Recv Date:	Not reported
Part B Recv Date:	920724
Generator EPA ID:	NYD052207271
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F005 - UNKNOWN
Quantity:	00150
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	92

Document ID:	NYC1836426
Manifest Status:	Completed copy
Trans1 State ID:	LP3931NY
Trans2 State ID:	Not reported
Generator Ship Date:	920903
Trans1 Recv Date:	920903
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920903
Part A Recv Date:	Not reported
Part B Recv Date:	920916
Generator EPA ID:	NYD052207271
Trans1 EPA ID:	ILD051060408

U S COLLISION INC (Continued) **1000140250**

Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F005 - UNKNOWN
Quantity:	00027
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	92

Document ID:	NYC2020296
Manifest Status:	Completed copy
Trans1 State ID:	LP3931NY
Trans2 State ID:	Not reported
Generator Ship Date:	930105
Trans1 Recv Date:	930105
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	930105
Part A Recv Date:	Not reported
Part B Recv Date:	930114
Generator EPA ID:	NYD052207271
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F005 - UNKNOWN
Quantity:	00027
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	93

Document ID:	NYC2130085
Manifest Status:	Completed copy
Trans1 State ID:	LP3931NY
Trans2 State ID:	Not reported
Generator Ship Date:	930222
Trans1 Recv Date:	930222
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	930222
Part A Recv Date:	Not reported
Part B Recv Date:	930304
Generator EPA ID:	NYD052207271
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F005 - UNKNOWN
Quantity:	00123
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100

U S COLLISION INC (Continued) **1000140250**

Year: 93

Document ID: NJA0628627
Manifest Status: Completed copy
Trans1 State ID: 000000000
Trans2 State ID: 000000000
Generator Ship Date: 890821
Trans1 Recv Date: 890821
Trans2 Recv Date: Not reported
TSD Site Recv Date: 890822
Part A Recv Date: 890829
Part B Recv Date: 890829
Generator EPA ID: NYD052207271
Trans1 EPA ID: NJD980787147
Trans2 EPA ID: Not reported
TSDF ID: NJD002454544
Waste Code: F005 - UNKNOWN
Quantity: 00055
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 89

Document ID: NYC2243283
Manifest Status: Completed copy
Trans1 State ID: LP3931NY
Trans2 State ID: Not reported
Generator Ship Date: 930427
Trans1 Recv Date: 930427
Trans2 Recv Date: Not reported
TSD Site Recv Date: 930427
Part A Recv Date: Not reported
Part B Recv Date: 930510
Generator EPA ID: NYD052207271
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD980785760
Waste Code: F005 - UNKNOWN
Quantity: 00027
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 93

X90
SSW
1/8-1/4
0.241 mi.
1272 ft.

10914 98TH ST
OZONE PARK, NY 11417

Site 3 of 3 in cluster X

EDR US Hist Auto Stat **1015149322**
N/A

Relative:
Higher

Actual:
45 ft.

EDR Historical Auto Stations:

Name: MIKES AUTOMOBILE WORKS INCORPORATED
Year: 2011
Address: 10914 98TH ST

Name: MIKES AUTO WORKS INC
Year: 2012
Address: 10914 98TH ST

91
NW
1/8-1/4
0.245 mi.
1296 ft.

OZONE INDUSTRIES
100TH ST. BETWEEN 101ST AND 103RD AVENUES
OZONE PARK, NY 11417

SHWS **S105586302**
VAPOR REOPENED **N/A**

Relative:
Higher

Actual:
39 ft.

SHWS:

Program: HW
Site Code: 58595
Classification: SIGNIFICANT THREAT TO THE PUBLIC HEALTH OR ENVIRONMENT - ACTION REQUIRED.
Region: 2
Acres: .250
HW Code: 241033
Record Add: 02/21/2001
Record Upd: 10/31/2012
Updated By: JAQUINN
Site Description: Location: The Former Ozone Industries site is located in a mixed commercial, industrial and residential area of the Ozone Park section of Queens. The site is located within a block that is bounded by 99th and 100th Streets to the east and west, and by 101st and 103rd Avenues to the north and south.Site Features: The Former Ozone Industries site is situated beneath an abandoned, elevated Long Island Railroad (LIRR) right-of-way.Current Zoning: Commercial/IndustrialHistoric Uses: Former Ozone Industries occupied their 101-32 101st Street complex from 1948 to 1996 and included locations at 101-21 101st Street, 101-32 101st Street, 101-57 100th Street, and several bays beneath the elevated LIRR (as a storage area) across the street west of 101-32 101st Street. All bays were used in conjunction with the manufacture of aircraft parts and included storage of spent trichloroethene (TCE) (used in de-greasing activities) prior to pickup by their waste hauler.Operable Unit #1: Endzone Inc., the successor to Ozone Industries, Inc., entered into a Consent Order which obligates Endzone Inc. to implement a full remedial program including a Remedial Investigation and Feasibility Study (RI/FS).Field work for the Site RI/FS was completed and the Record of Decision (ROD) was signed in February 2010. The Remedial Design Work Plan was approved on January 31, 2011. The Remedial Design/Remedial Action (RD/RA) Work Plan, including biddable documents, was approved on October 25, 2011. Site Geology and Hydrology: Groundwater is at approximately 30 feet below the surface and flows to the south-southwest through the site. A light brown medium/coarse grain sandy soil exists to depth below about four feet of urban fill material.
Env Problem: Nature and Extent of Contamination: As a result of the RI/FS,

OZONE INDUSTRIES (Continued) **S105586302**

environmental investigations revealed that the contaminants of concern at the Ozone Industries Site, approximately 12,000 sq. ft. in size, include trichloroethene (TCE) and cis-1,2-dichloroethene (cis-1,2 DCE). Shallow subsurface soil, soil vapor and groundwater are impacted as a result of stored drums of TCE in several bays below the abandoned elevated Long Island Railroad.Aerial/Depth Extent: Concentrations of TCE found in the on-site shallow soils (2 ppm to 150 ppm) exceed the soil cleanup objectives (SCOs) for the protection of groundwater (0.47 ppm). However, off-site shallow soil and all on-site and off-site deeper soils are well below the SCOs.Concentrations: TCE and cis-1,2 DCE are in the on-site and off-site groundwater (32 feet deep) exceeding the groundwater standard of 5 ppb. Concentrations have decreased significantly in recent years with on-site TCE at 7 ppb (August 2006). TCE has migrated from the site several hundred feet down-gradient (south) with a maximum concentration of 260 ppb (August 2006). Sub-slab soil vapor below the floors of the site has concentrations of TCE as high as 363,000 ug/m3, but the results of soil vapor samples collected south of the site (below 103rd Avenue) in August 2006 were all non-detect.Significant Threat: The site presents a significant environmental threat due to the potential release of contaminants from source areas into the groundwater.

Health Problem: Contact with site-related contamination in soil is not expected since it is located beneath the building foundation. Exposure to site-related contaminants in drinking water is not likely since the area is served with public water. Inhalation of site-related contamination via vapor intrusion is a potential exposure pathway. However, this pathway is reduced due to the frequent opening of the bay doors. Investigation of potential inhalation of site contaminants via vapor intrusion has not been completed in off-site homes and businesses due to access limitations. Additional investigation of this potential exposure pathway is recommended.

Dump:	False
Structure:	True
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	1948
Disp Term:	1996
Lat/Long:	40:41:04. / 73:50:28.
Dell:	False
Record Add:	2/21/2001 8:37:00 AM
Record Upd:	10/7/2009 9:22:00 AM
Updated By:	jedurnin
Own Op:	Disp. Owner
Sub Type:	E
Owner Name:	Not reported
Owner Company:	OZONE INDUSTRIES
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	ZZ
Owner Country:	United States of America
Own Op:	On-Site Operator
Sub Type:	E
Owner Name:	Not reported
Owner Company:	Ozone Industries
Owner Address:	101-32 101st Street

OZONE INDUSTRIES (Continued) **S105586302**

Owner Addr2:	Not reported
Owner City,St,Zip:	Ozone Park, NY 11417
Owner Country:	United States of America
Own Op:	On-Site Operator
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Ozone Industries
Owner Address:	101-32 101st Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Ozone Park, NY 11417
Owner Country:	United States of America
Own Op:	Owner
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	NYC Department of Administrative Services
Owner Address:	Municipal Building / 1 Centre Street
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10007
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	CENTRAL LIBRARY
Owner Company:	QUEENS BOROUGH PUBLIC LIBRARY
Owner Address:	89-11 MERRICK BLVD
Owner Addr2:	Not reported
Owner City,St,Zip:	JAMAICA, NY 11432
Owner Country:	United States of America
Own Op:	Owner
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	NYC Department of Administrative Ser
Owner Address:	Municipal Building / 1 Centre Stre
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10007
Owner Country:	United States of America
Own Op:	Owner
Sub Type:	C01
Owner Name:	WILLIAM J. DIAMOND, COMMISH.
Owner Company:	NYC DEPT. OF CITYWIDE ADMIN. SERVICE
Owner Address:	MUNI. BLD.17TH FLOOR, 1 CENTRE ST.
Owner Addr2:	Not reported
Owner City,St,Zip:	NEW YORK, NY 11417
Owner Country:	United States of America
HW Code:	241033
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	F002
Crossref ID:	NYD044689818
Cross Ref Type Code:	05
Cross Ref Type:	EPA Site ID
Record Added Date:	1/30/2002 3:30:00 PM
Record Updated:	1/22/2010 5:18:00 PM
Updated By:	EMZUK
Crossref ID:	NYD04468918
Cross Ref Type Code:	05
Cross Ref Type:	EPA Site ID
Record Added Date:	1/30/2002 3:30:00 PM

OZONE INDUSTRIES (Continued) **S105586302**

Record Updated: 1/30/2002 3:31:00 PM
Updated By: AJSYLVES
Crossref ID: 241021
Cross Ref Type Code: 02
Cross Ref Type: HW Site ID
Record Added Date: 1/3/2011 9:37:00 AM
Record Updated: 1/3/2011 9:37:00 AM
Updated By: JAAVERSA

VAPOR REOPENED:
Site Code: 241033
Facility Status: Underway

W92 **EDR US Hist Cleaners** **1015108724**
WSW **9605 LIBERTY AVE** **N/A**
1/8-1/4 **OZONE PARK, NY 11417**
0.248 mi.
1312 ft. **Site 3 of 5 in cluster W**

Relative:
Lower

Actual:
31 ft.

EDR Historical Cleaners:

Name: CROSS BAY FRENCH CLEANERS
Year: 2001
Address: 9605 LIBERTY AVE

Name: CROSS BAY FRENCH CLEANERS
Year: 2002
Address: 9605 LIBERTY AVE

Name: CROSS BAY FRENCH CLEANERS
Year: 2005
Address: 9605 LIBERTY AVE

Name: CROSS BAY FRENCH CLEANERS
Year: 2006
Address: 9605 LIBERTY AVE

Name: CROSSBAY FRENCH CLEANERS
Year: 2008
Address: 9605 LIBERTY AVE

Name: CROSS BAY FRENCH CLEANERS
Year: 2010
Address: 9605 LIBERTY AVE

Name: CROSS BAY FRENCH CLEANERS
Year: 2011
Address: 9605 LIBERTY AVE

Name: CROSS BAY FRENCH CLEANERS
Year: 2012
Address: 9605 LIBERTY AVE

W93 WSW 1/8-1/4 0.250 mi. 1318 ft. | **CROSS BAY CLEANERS 96-05 LIBERTY AVENUE OZONE PARK, NY 11417** | **MANIFEST DRYCLEANERS** | **S110246325 N/A**

Site 4 of 5 in cluster W

Relative: Lower

Actual: 31 ft.

NY MANIFEST:

EPA ID:	NYD981077316
Country:	USA
Mailing Name:	CROSS BAY CLEANERS
Mailing Contact:	CROSS BAY CLEANERS
Mailing Address:	96-05 LIBERTY AVENUE
Mailing Address 2:	Not reported
Mailing City:	OZONE PARK
Mailing State:	NY
Mailing Zip:	11417
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	718-843-5671

NY MANIFEST:

No Manifest Records Available

DRYCLEANERS:

Facility ID:	2-6307-00492
Phone Number:	Not reported
Region:	2
Registration Effective Date:	5/8/2003 14:39:22:793
Inspection Date:	07MAY25
Install Date:	Not reported
Drop Shop:	Not reported
Shutdown:	Not reported
Alternate Solvent:	Not reported
Current Business:	PERC DRY CLEANER

W94 WSW 1/8-1/4 0.250 mi. 1318 ft. | **CROSS BAY CLEANERS 96-05 LIBERTY AVE JAMAICA, NY 11417** | **RCRA-CESQG FINDS US AIRS** | **1000386133 NYD981077316**

Site 5 of 5 in cluster W

Relative: Lower

Actual: 31 ft.

RCRA-CESQG:

Date form received by agency:	01/01/2007
Facility name:	CROSSBAY CLEANERS
Facility address:	96-05 LIBERTY AVE OZONE PARK, NY 11417
EPA ID:	NYD981077316
Mailing address:	LIBERTY AVE OZONE PARK, NY 11417
Contact:	NATHAN FUCHS
Contact address:	LIBERTY AVE OZONE PARK, NY 11417
Contact country:	US
Contact telephone:	(718) 843-9718
Contact email:	Not reported
EPA Region:	02
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar

CROSS BAY CLEANERS (Continued) **1000386133**

month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	MR SANG YUK SUH
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	MR SANG YUK SUH
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	01/01/2006
Facility name:	CROSSBAY CLEANERS
Classification:	Conditionally Exempt Small Quantity Generator

CROSS BAY CLEANERS (Continued) **1000386133**

Date form received by agency: 04/12/1985
Facility name: CROSSBAY CLEANERS
Classification: Small Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 12/12/1986
Date achieved compliance: 12/12/1986
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 12/12/1986
Date achieved compliance: 12/14/1986
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/12/1986
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Evaluation Action Summary:
Evaluation date: 12/12/1986
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - Manifest
Date achieved compliance: 12/14/1986
Evaluation lead agency: State

Evaluation date: 12/12/1986
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - General
Date achieved compliance: 12/12/1986
Evaluation lead agency: State

FINDS:

Registry ID: 110001594418

Environmental Interest/Information System
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants.

CROSS BAY CLEANERS (Continued) **1000386133**

AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

AIRS (AFS):

Airs Minor Details:

EPA plant ID:	110001594418
Plant name:	CROSS BAY CLEANERS
Plant address:	96-05 LIBERTY AVE JAMAICA, NY 114171623
County:	QUEENS
Region code:	02
Dunn & Bradst #:	Not reported
Air quality cntrl region:	043
Sic code:	7216
Sic code desc:	DRYCLEANING PLANTS, EXCEPT RUG
North Am. industrial classf:	812320
NAIC code description:	Drycleaning and Laundry Services (except Coin-Operated)
Default compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Default classification:	POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Govt facility:	ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT
Current HPV:	Not reported

Compliance and Enforcement Major Issues:

Air program:	SIP SOURCE
National action type:	Not reported
Date achieved:	00000
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	Not reported
Date achieved:	00000
Penalty amount:	Not reported
Air program:	Not reported
National action type:	Not reported
Date achieved:	Not reported
Penalty amount:	Not reported

CROSS BAY CLEANERS (Continued) **1000386133**

Air program: Not reported
National action type: Not reported
Date achieved: Not reported
Penalty amount: Not reported

Air program: Not reported
National action type: Not reported
Date achieved: Not reported
Penalty amount: Not reported

Historical Compliance Minor Sources:
State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 0901
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 0901
Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 0902
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 0902
Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 0903
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 0903
Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 0904
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 0904
Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1001
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1001
Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1002
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1002

CROSS BAY CLEANERS (Continued) **1000386133**

Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1003
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1003
Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1004
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1004
Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1101
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1101
Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1102
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1102
Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1103
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1103
Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1104
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1104
Air prog code hist file: M

Compliance & Violation Data by Minor Sources:
Air program code: MACT (SECTION 63 NESHAPS)
Plant air program pollutant: Not reported
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Def. attainment/non attnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date: Not reported

CROSS BAY CLEANERS (Continued) **1000386133**

Turnover compliance: Not reported

Air program code: SIP SOURCE
Plant air program pollutant: Not reported
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Def. attainment/non attnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date: Not reported
Turnover compliance: Not reported

Air program code: MACT (SECTION 63 NESHAPS)
Plant air program pollutant: Not reported
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Def. attainment/non attnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date: Not reported
Turnover compliance: Not reported

Air program code: MACT (SECTION 63 NESHAPS)
Plant air program pollutant: Not reported
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Def. attainment/non attnmnt: UNCLASSIFIED
Repeat violator date: Not reported
Turnover compliance: Not reported

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95 ESE 1/4-1/2 0.278 mi. 1470 ft. | **PRIVATE REIDENCE** | **LTANKS** | **S106471651** **N/A**
107-70 107TH ST
OZONE PARK, NY

Relative: Higher

Actual: 39 ft.

LTANKS:
Site ID: 131360
Spill No: 0401658
Spill Date: 5/15/2004
Spill Cause: Tank Failure
Spill Source: Private Dwelling
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 6/1/2004
Facility Addr2: Not reported
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 4101
Investigator: JMKRIMGO
Referred To: Not reported
Reported to Dept: 5/15/2004
CID: 71
Water Affected: Not reported
Spill Notifier: Citizen
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 5/15/2004
Spill Record Last Update: 6/10/2004
Spiller Name: ARMINDO PINTO

PRIVATE REIDENCE (Continued) **S106471651**

Spiller Company:	PRIVATE REIDENCE
Spiller Address:	107-70 107TH ST
Spiller City,St,Zip:	OZONE PARK, NY 11417
Spiller County:	001
Spiller Contact:	ARMINDO PINTO
Spiller Phone:	(718) 659-4814
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	113175
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"5/15/04. J.Krimgold @ site. Spoke to Susan Pinto. She called her fuel co. (Petro) and they in turn called Milro. Miro pumped out the tank and did the initial cleanup. Spill on the floor was contained by the owner with rugs. Some additional removal of contaminated sheetrock walls and floor tiles is required. Milro currently working with homeowner insurance carrier. Contact Poul (Milro) @ 800-773-6780 for further info. Also, work phone # for Susan Pinto (516)767-0952 (homeowner's daughter).6/1/04. Spoke to Poul (Milro). Cleanup has been completed. NFA LETTER. YK.
Remarks:	RESIDENT NOTICE LEAK IN TANK. APPROXIMATES 20 GALLONS OF HEATING OIL LEAKED OUT ONTO CEMENT. OIL COMPANY ON SCENE AND CLEAN UP CREW IS ENROUTE

Material:

Site ID:	131360
Operable Unit ID:	883511
Operable Unit:	01
Material ID:	492852
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	20
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

96 NE 1/4-1/2 0.294 mi. 1553 ft.

103-16 107TH ST
103-16 107TH ST
OZONE PARK, NY

LTANKS **S102672992**
HIST LTANKS **N/A**

Relative: Higher

Actual: 42 ft.

LTANKS:

Site ID:	181365
Spill No:	9507137
Spill Date:	9/12/1995
Spill Cause:	Tank Overfill
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	9/12/1995
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	4101
Investigator:	SMMARTIN
Referred To:	Not reported
Reported to Dept:	9/12/1995
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	12/27/1948
Spill Record Last Update:	9/30/1999
Spiller Name:	Not reported
Spiller Company:	caller
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller County:	999
Spiller Contact:	ADERIS
Spiller Phone:	(718) 848-4346
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	152076
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MARTINKAT"
Remarks:	HUMAN ERROR-OVERFILL

Material:

Site ID:	181365
Operable Unit ID:	1021960
Operable Unit:	01
Material ID:	361563
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1
Units:	Gallons
Recovered:	Yes
Resource Affected:	Not reported
Oxygenate:	False

103-16 107TH ST (Continued) **S102672992**

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	9507137
Spill Date:	09/12/1995
Spill Time:	09:45
Spill Cause:	Tank Overfill
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	09/12/95
Cleanup Ceased:	/ /
Cleanup Meets Standard:	True
Investigator:	MARTINKAT
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	09/12/95
Reported to Department Time:	10:15
SWIS:	63
Spiller Contact:	ADERIS
Spiller Phone:	(718) 848-4346
Spiller Extention:	Not reported
Spiller Name:	CALLER
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	Not reported
Facility Extention:	Not reported
Spill Notifier:	Responsible Party
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False

103-16 107TH ST (Continued) **S102672992**

Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 12/27/48
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 09/30/99
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 1
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 1
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Spill Cause: HUMAN ERROR-OVERFILL

Y97 **EXXON SERVICE STATION** **HIST LTANKS** **S104510443**
SE **105-02 ROCKAWAY BLVD** **NY Hist Spills** **N/A**
1/4-1/2 **NYC, NY**
0.306 mi.
1614 ft. **Site 1 of 5 in cluster Y**

Relative:
Lower

Actual:
34 ft.

HIST LTANKS:
Region of Spill: 2
Spill Number: 8804552
Spill Date: 08/23/1988
Spill Time: 15:00
Spill Cause: Tank Test Failure
Resource Affectd: Groundwater
Water Affected: Not reported
Spill Source: Gas Station
Spill Class: Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 03/30/94
Cleanup Ceased: 03/30/94
Cleanup Meets Standard: True
Investigator: SULLIVAN
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported

EXXON SERVICE STATION (Continued) **S104510443**

Notifier Extension: Not reported
Reported to Department Date: 08/24/88
Reported to Department Time: 08:40
SWIS: 63
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: SAME
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: Not reported
Facility Extention: Not reported
Spill Notifier: Tank Tester
PBS Number: 2-188867
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 08/25/88
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 04/11/94
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: 0
Test Method: Not reported
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: -1
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: 09/08/88: DEC SULLIVAN) CALLED ALVIN; CONTRACTOR WILL FIX AND RETEST.
04/11/94: SEE EPS LETTER 3/30/94.DEC SULLIVAN) CALLED ALVIN; CONTRACTOR WILL FIX AND RETEST.
Spill Cause: L R = UNREADABLE, 4K TANK INITIAL SYSTEM PETRO-TITE. EXCAV INVES.

NY Hist Spills:
Region of Spill: 2
Spill Number: 9913638
Investigator: SIGONA

EXXON SERVICE STATION (Continued) **S104510443**

Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Spill Date/Time:	02/14/2000 12:00
Reported to Dept Date/Time:	03/03/00 08:13
SWIS:	63
Spiller Name:	EXXON
Spiller Contact:	Not reported
Spiller Phone:	( ) -
Spiller Contact:	CALLER
Spiller Phone:	( ) -
Spiller Address:	Not reported
Spiller City,St,Zip:	-
Spill Cause:	Other
Reported to Dept:	On Land
Water Affected:	Not reported
Spill Source:	05
Spill Notifier:	Responsible Party
PBS Number:	Not reported
Cleanup Ceased:	/ /
Cleanup Meets Std:	False
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Dt:	/ /
Enforcement Date:	/ /
Invstgn Complete:	/ /
UST Involvement:	False
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	/ /
Corrective Action Plan Submitted:	/ /
Date Region Sent Summary to Central Office:	/ /
Date Spill Entered In Computer Data File:	03/03/00
Date Spill Entered In Computer Data File:	Not reported
Update Date:	03/06/00
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	0
Unkonwn Quantity Spilled:	True
Units:	Gallons
Quantity Recovered:	0
Unkonwn Quantity Recovered:	False
Material:	GASOLINE
Class Type:	GASOLINE
Times Material Entry In File:	21329

EXXON SERVICE STATION (Continued) **S104510443**

CAS Number: Not reported
Last Date: 19940929
DEC Remarks: Not reported
Remark: caller doing site work found contaminated soil.

Y98 SE 1/4-1/2 0.306 mi. 1614 ft. **105-02 ROCKAWAY BLVD** **HIST LTANKS** **S101509008**
105002 ROCKAWAY BLVD **N/A**
OZONE PARK, NY

Site 2 of 5 in cluster Y

Relative: Lower

Actual: 34 ft.

HIST LTANKS:
Region of Spill: 2
Spill Number: 9415607
Spill Date: 03/01/1995
Spill Time: 15:00
Spill Cause: Tank Failure
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Gas Station
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Cleanup Ceased: / /
Cleanup Meets Standard: False
Investigator: TOMASELLO
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 03/01/95
Reported to Department Time: 19:34
SWIS: 63
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: EXXON USA
Spiller Address: 1400 OLD COUNTRY ROAD
Spiller City,St,Zip: WESTBURY, NEW YORK 11590
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: (516) 876-4662
Facility Extention: Not reported
Spill Notifier: Responsible Party
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 04/21/95
Time Spill Entered In Computer Data File: Not reported

105-02 ROCKAWAY BLVD (Continued) **S101509008**

Spill Record Last Update: / /
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 5
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 5
Unkonwn Quantity Recovered: False
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: Not reported
Spill Cause: 5 GALS FOUND ANULAR SPACE OF DOUBLE WALL TANK - NO APPARENT EXTERNAL LEAK - TANK BEING EMPTIED - WILL BE TESTED TOMORROW.

Y99 **105-02 ROCKAWAY BLVD.** **HIST LTANKS** **S100560044**
SE **105-02 ROCKAWAY BLVD.** **N/A**
1/4-1/2 **OZONE PARK, NY**
0.306 mi.
1614 ft. **Site 3 of 5 in cluster Y**

Relative:
Lower

Actual:
34 ft.

HIST LTANKS:
Region of Spill: 2
Spill Number: 9313089
Spill Date: 02/04/1994
Spill Time: 14:45
Spill Cause: Tank Test Failure
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Gas Station
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 03/30/94
Cleanup Ceased: 03/30/94
Cleanup Meets Standard: True
Investigator: O'DOWD.
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 02/04/94
Reported to Department Time: 14:58

105-02 ROCKAWAY BLVD. (Continued) **S100560044**

SWIS: 63
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: MONIQUE JOHNSON
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: (800) 992-3647
Facility Extention: Not reported
Spill Notifier: Tank Tester
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 02/07/94
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 10/18/94
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: 0
Test Method: Not reported
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: -1
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: 04/11/94: SEE EPS LETTER 3/30/94.
Spill Cause: TO EX ISO. RETEST - LOOKS TO BE TANK TOP PROBLEM.

Region of Spill: 2
Spill Number: 9305046
Spill Date: 07/22/1993
Spill Time: 10:00
Spill Cause: Tank Test Failure
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Gas Station
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.

105-02 ROCKAWAY BLVD. (Continued) **S100560044**

	Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	08/11/93
Cleanup Ceased:	08/11/93
Cleanup Meets Standard:	True
Investigator:	O'DOWD
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	07/22/93
Reported to Department Time:	12:07
SWIS:	63
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	EXXON (LARRY TEALY)
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	(713) 680-5160
Facility Extention:	Not reported
Spill Notifier:	Tank Tester
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	True
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	07/23/93
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	03/09/94
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	0
Test Method:	Not reported
Leak Rate Failed Tank:	0.00
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	0
Unkonwn Quantity Spilled:	False
Units:	Not reported
Quantity Recovered:	0
Unkonwn Quantity Recovered:	False
Material:	GASOLINE
Class Type:	GASOLINE

105-02 ROCKAWAY BLVD. (Continued) **S100560044**

Times Material Entry In File:	21329
CAS Number:	Not reported
Last Date:	19940929
Material Class Type:	Petroleum
Quantity Spilled:	0
Unkonwn Quantity Spilled:	False
Units:	Not reported
Quantity Recovered:	0
Unkonwn Quantity Recovered:	False
Material:	SUPER X FORM RELEASE
Class Type:	SUPER X FORM RELEASE
Times Material Entry In File:	1
CAS Number:	Not reported
Last Date:	Not reported
DEC Remarks:	08/11/93: REPLACED MANWAY GASKETS RETESTED AND PASSED 8/3/93. NO CONTAMINATION FOUND.
Spill Cause:	APPEARS TO BE LEAK IN REMOTE FILL. INVEST REPAIR AND RETEST.

Y100 **EXXON STA** **LTANKS** **S102663762**
SE **COR ROCKAWAY BLVD/CENTER** **NY Spills** **N/A**
1/4-1/2 **OZONE PARK, NY** **NY Hist Spills**
0.306 mi.
1614 ft. **Site 4 of 5 in cluster Y**

Relative:
Lower

Actual:
34 ft.

LTANKS:

Site ID:	257713
Spill No:	9305046
Spill Date:	7/22/1993
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	8/11/1993
Facility Addr2:	Not reported
Cleanup Ceased:	8/11/1993
Cleanup Meets Standard:	True
SWIS:	4101
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	7/22/1993
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	7/23/1993
Spill Record Last Update:	4/16/2003
Spiller Name:	MELISSA WINSOR
Spiller Company:	EXXONMOBIL
Spiller Address:	1900 EAST LINDEN AVENUE
Spiller City,St,Zip:	LINDEN, NJ 07036
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2

EXXON STA (Continued) **S102663762**

DER Facility ID:	211016
DEC Memo:	Not reported
Remarks:	APPEARS TO BE LEAK IN REMOTE FILL. INVEST REPAIR AND RETEST.

Material:

Site ID:	257713
Operable Unit ID:	986657
Operable Unit:	01
Material ID:	394994
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	257713
Spill Tank Test:	1541794
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

Site ID:	257714
Spill No:	9313089
Spill Date:	2/4/1994
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	3/30/1994
Facility Addr2:	Not reported
Cleanup Ceased:	3/30/1994
Cleanup Meets Standard:	True
SWIS:	4101
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	2/4/1994
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	2/7/1994
Spill Record Last Update:	4/16/2003

EXXON STA (Continued) **S102663762**

Spiller Name:	MELISSA WINSOR
Spiller Company:	EXXONMOBIL
Spiller Address:	1900 EAST LINDEN BLVD
Spiller City,St,Zip:	LINDEN, NJ 07036
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	211016
DEC Memo:	Not reported
Remarks:	TO EX ISO. & RETEST - LOOKS TO BE TANK TOP PROBLEM.

Material:

Site ID:	257714
Operable Unit ID:	994966
Operable Unit:	01
Material ID:	388481
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	257714
Spill Tank Test:	1542417
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

Site ID:	284123
Spill No:	9415607
Spill Date:	3/1/1995
Spill Cause:	Tank Failure
Spill Source:	Gasoline Station
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	4/16/2003
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	4101
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	3/1/1995

EXXON STA (Continued) **S102663762**

CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	4/21/1995
Spill Record Last Update:	4/16/2003
Spiller Name:	MELISSA WINSOR
Spiller Company:	EXXONMOBIL
Spiller Address:	1900 EAST LINDEN AVENUE
Spiller City,St,Zip:	LINDEN, NJ 07036
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	230419
DEC Memo:	Not reported
Remarks:	5 GALS FOUND ANULAR SPACE OF DOUBLE WALL TANK - NO APPARENT EXTERNAL LEAK - TANK BEING EMPTIED - WILL BE TESTED TOMORROW.

Material:

Site ID:	284123
Operable Unit ID:	1012843
Operable Unit:	01
Material ID:	370789
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

Site ID:	284122
Spill No:	8804552
Spill Date:	8/23/1988
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station

EXXON STA (Continued) **S102663762**

Spill Class:	Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	3/30/1994
Facility Addr2:	Not reported
Cleanup Ceased:	3/30/1994
Cleanup Meets Standard:	True
SWIS:	4101
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	8/24/1988
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	8/25/1988
Spill Record Last Update:	4/16/2003
Spiller Name:	MELISSA WINSOR
Spiller Company:	EXXONMOBIL
Spiller Address:	1900 EAST LINDEN AVE
Spiller City,St,Zip:	LINDEN, NJ 07036
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	230419
DEC Memo:	Not reported
Remarks:	L R = UNREADABLE, 4K TANK INITIAL SYSTEM PETRO-TITE. EXCAV & INVES.

Material:

Site ID:	284122
Operable Unit ID:	919552
Operable Unit:	01
Material ID:	456492
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	284122
Spill Tank Test:	1534511
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills

EXXON STA (Continued) **S102663762**

Last Modified:	10/1/2004
Test Method:	Unknown

Site ID:	284124
Spill No:	9611911
Spill Date:	1/2/1997
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	6/18/1997
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	4101
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	1/2/1997
CID:	233
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1/2/1997
Spill Record Last Update:	4/16/2003
Spiller Name:	MELISSA WINSOR
Spiller Company:	EXXONMOBIL
Spiller Address:	1900 EAST LINDEN AVE
Spiller City,St,Zip:	LINDEN, NJ 07036
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	230419
DEC Memo:	Not reported
Remarks:	UNDERGROUND TANK DOUBLE WALLED TANK LEAK SHOULD BE CONTAINED

Material:

Site ID:	284124
Operable Unit ID:	1043420
Operable Unit:	01
Material ID:	340559
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

EXXON STA (Continued) **S102663762**

Tank Test:

Site ID:	284124
Spill Tank Test:	1544947
Tank Number:	1
Tank Size:	4000
Test Method:	20
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	USTest 2000/P/LL plus USTest 2000/U

Site ID:	356840
Spill No:	0510799
Spill Date:	12/15/2005
Spill Cause:	Tank Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	2/27/2006
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	4101
Investigator:	rvketani
Referred To:	Not reported
Reported to Dept:	12/15/2005
CID:	444
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	12/15/2005
Spill Record Last Update:	2/27/2006
Spiller Name:	TIM CLARK
Spiller Company:	OZONE PARK
Spiller Address:	105-02 ROCKAWAY BLVD
Spiller City,St,Zip:	QUEENS, NY
Spiller County:	999
Spiller Contact:	TIM CLARK
Spiller Phone:	(800) 666-2605
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	230419
DEC Memo:	EXXON - Cumberland Farms.Sangesland left a message with Tim Clark Tanknowlogy (413-246-5898) asking if this is a minor repair or a long term remediationA car hit the dispenser, Tanknology was hired to test the 3 lines. Regular and upgrade tested OK. Supreme unleaded could not maintain pressure. Tim Clark disabled the supreme unleaded line.Recheck on Dec 21st or 22nd to see if work was done Cumberland Farms Environmental Officer Contact 781-828-490012/22/05 - Raphael Ketani. I contacted the Environmental Officer and she said that the piping and valve were repaired. She added that the valve test will take place today. I asked her for a report describing the sucessful

EXXON STA (Continued) **S102663762**

valve test. She said she would send it to me. I spoke to Camilla Bourbeau of Tanknology ((800) 666-2605) and she said that the valve repair is taking place today and will be tested tomorrow. She will send me the damage report today and the valve test report on teusday, 12/27.12/29/05 - Raphael Ketani. I called Ms. Bourbeau regarding a report for the valve repair and successful pressure test. She said that Reese Energy did the repair and they are waiting for the report.1/26/06 - Raphael Ketani. I spoke to Ms. Bourbeau. She said she had the passing line/valve test and will FAX it to me. She said that was all she had. I told her I needed an official letter from Cumberland Farms describing the incident, what broke, that parts were repaired, any spillage of product, and cleanup of all contamination. She said that would come from Debbie Rebello, Compliance Officer, in Cumberland Farms. I told her to call Ms. Rebello and get me such a letter. She said she would.2/17/06 - Raphael Ketani. I called Ms. Bourbeau regarding the valve repair and cleanup report. She said that she now had a clean copy of the valve re-test report and that she would send it to me. She added that I would need to get the cleanup and repair report from Ms. Rebello ((800) 225-9702, ext 3322). I left a message for Ms. Rebello that I needed the cleanup and repair report. 2/27/06 - Raphael Ketani. I called Ms. Rebello to ask whether any product had been spilled or whether it was just the valve. The valve had been repaired and I received the passing line test results on 2/23/06. Ms. Rebello told me there was no spillage. Based on the passing line test results and the conversation with Ms. Rebello, I am closing the case.

Remarks: PRODUCT LINE LEAK:

Material:

Site ID:	356840
Operable Unit ID:	1114134
Operable Unit:	01
Material ID:	2104214
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

EXXON STA (Continued) **S102663762**

SPILLS:

Facility ID:	1203980
DER Facility ID:	230419
Facility Type:	ER
Site ID:	466836
DEC Region:	2
Spill Number:	1203980
Spill Date:	7/23/2012
Spill Cause:	Unknown
Spill Class:	Not reported
Spill Closed Date:	Not Closed
SWIS:	4101
Investigator:	RMPIPER
Referred To:	Not reported
Reported to Dept:	7/23/2012
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Gasoline Station
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	1
Date Entered In Computer:	7/23/2012
Spill Record Last Update:	9/19/2012
Spiller Name:	Not reported
Spiller Company:	CUMBERLAND FARMS
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	BILL SIMMONS
Contact Phone:	413-789-3530
DEC Memo:	VOC groundwater contamination. PBS 2-188867. phase II in edocs.
Remarks:	GW SAMPLES

Material:

Site ID:	466836
Operable Unit ID:	1216814
Operable Unit:	01
Material ID:	2215027
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported

EXXON STA (Continued) **S102663762**

Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

Facility ID:	9913638
DER Facility ID:	230419
Facility Type:	ER
Site ID:	284126
DEC Region:	2
Spill Number:	9913638
Spill Date:	2/14/2000
Spill Cause:	Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Date:	4/16/2003
SWIS:	4101
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	3/3/2000
CID:	205
Water Affected:	Not reported
Spill Source:	Gasoline Station
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	3/3/2000
Spill Record Last Update:	4/16/2003
Spiller Name:	MELISSA WINSOR
Spiller Company:	EXXONMOBIL
Spiller Address:	1900 EAST LINDEN AVE
Spiller City,St,Zip:	LINDEN, NJ 07036
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Not reported
Remarks:	caller doing site work found contaminated soil.

Material:

Site ID:	284126
Operable Unit ID:	1092116
Operable Unit:	01
Material ID:	295475
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported

EXXON STA (Continued) **S102663762**

Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

Click this hyperlink while viewing on your computer to access additional NY_SPILL: detail in the EDR Site Report.

NY Hist Spills:
Region of Spill: 2
Spill Number: 9708179
Investigator: O'DOWD
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 10/11/1997 05:17
Reported to Dept Date/Time: 10/11/97 05:17
SWIS: 63
Spiller Name: EXXON CO
Spiller Contact: MRS RICHETTI
Spiller Phone: (718) 845-5320
Spiller Contact: MRS RICHETTI
Spiller Phone: (718) 845-5320
Spiller Address: ROCKAWAY BLVD/CENTERVILLE
Spiller City,St,Zip: OZONE PARK, NY 11417-
Spill Cause: Deliberate
Reported to Dept: Air
Water Affected: Not reported
Spill Source: 05
Spill Notifier: Affected Persons
PBS Number: Not reported
Cleanup Ceased: / /
Cleanup Meets Std: False
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Corrective Action Plan Submitted: / /

EXXON STA (Continued) **S102663762**

Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 10/11/97
Date Spill Entered In Computer Data File: Not reported
Update Date: 10/15/97
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: 10/11/97, 05:35 - Spoke to Mrs Richetti. Says vent pipes of Exxon Station extend to middle of second floor and are 4 ft from building. Complaining of strong odors when station receives delivery. Says she and her children have asthma. Address of station is 105-02 Rockaway Blvd. 718-835-5471). Spoke to attendent no name). Said no more deliveries are scheduled for this weekend. Mark Tibbe received a similar complaint while on off hour response the week before. Apparently something wrong with Stage I vapor recovery. Jennifer Rommel contacted Exxon and requested that they make repairs to system. Transferred from Engelhardt to O Dowd on 10/17/97. Referred to Air Breitburg) on 10/17/97.
Remark: AS PER OTHER CALLS GASOLINE FUMES ARE ENTERINGG THE APARTMENT DWELLING WHEN GAS STORAGE TANKS ARE FILLED AT LOCATION - IT AWAKENS THE TENANTS WHO CALL THE SUPERINTENDANT

Y101 **EXXON STATION** **HIST LTANKS** **S102447960**
SE **105 ROCKAWAY TRNPK** **N/A**
1/4-1/2 **OZONE PARK, NY**
0.306 mi.
1614 ft. **Site 5 of 5 in cluster Y**

Relative:
Lower

Actual:
34 ft.

HIST LTANKS:
Region of Spill: 2
Spill Number: 9611911
Spill Date: 01/02/1997
Spill Time: 18:30
Spill Cause: Tank Test Failure
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Gas Station
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 06/18/97
Cleanup Ceased: / /

EXXON STATION (Continued) **S102447960**

Cleanup Meets Standard:	False
Investigator:	O'DOWD
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	01/02/97
Reported to Department Time:	19:45
SWIS:	63
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	EXXON STATION .
Spiller Address:	105 ROCKAWAY TRNPK
Spiller City,St,Zip:	OZONE PARK, NY
Spiller Cleanup Date:	/ /
Facility Contact:	MIKE MIELLA
Facility Phone:	(516) 876-4671
Facility Extention:	Not reported
Spill Notifier:	Tank Tester
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	True
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	01/02/97
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	06/18/97
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	1
Tank Size:	4000
Test Method:	USTest 2000
Leak Rate Failed Tank:	0.00
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	0
Unkonwn Quantity Spilled:	True
Units:	Gallons
Quantity Recovered:	0
Unkonwn Quantity Recovered:	False
Material:	GASOLINE
Class Type:	GASOLINE
Times Material Entry In File:	21329
CAS Number:	Not reported
Last Date:	19940929

EXXON STATION (Continued) **S102447960**

DEC Remarks: 1/6/97:TRANSFERRED FROM KATZ TO O DOWD. 1/2/97 PRIMARY TANK FAILURE WAS THE RESULT OF A WARNING FROM THE INTERSTITIAL MONITOR AND SUBSEQUENT TANK TEST HAVING BEEN PERFORMED. AT THAT TIME A TEST OF THE SECONDARY TANKS PROVED TIGHT TO ENSURE THERE WAS NOT A RELEASE. THE TANKS IN QUESTION ARE STORING REG. U/L AND PLUS U/L GASOLINE. TANK INTEGRITY WAS COMPROMISED DUE TO CORROSION HOLES NEAR THE HEAD-TO-SHELL WELD SEAM AT THE SOUTH END OF THE TANKS. 4/25/97 REPAIR AND INTERIOR LINING OF 3X4K GAL DOUBLE WALL BUFFIDE TANKS WAS COMPLETED BY WCC TANK TECH. 5/1/97 A UST 2000 TEST WAS SUCCESSFULLY PERFORMED BY CROMPCO ON THE 3 PRIMARY TANKS. THERE WAS NO ENVIRONMENTAL IMPACT TO THE ENVIRONMENT DUE TO THE FAILURE OF THE PRIMARY TANK, WITH PRODUCT BEING CONTAINED BY THE SECONDARY TANK.

Spill Cause: UNDERGROUND TANK DOUBLE WALLED TANK LEAK SHOULD BE CONTAINED

Z102 **103-12 101ST AVE./ST. MAR** **HIST LTANKS** **S100559975**
NNW **103-12 101ST. AVE.** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.317 mi.
1676 ft. **Site 1 of 2 in cluster Z**

Relative:
Higher

Actual:
40 ft.

HIST LTANKS:

Region of Spill:	2
Spill Number:	8706124
Spill Date:	10/20/1987
Spill Time:	16:30
Spill Cause:	Tank Test Failure
Resource Affectd:	Groundwater
Water Affected:	Not reported
Spill Source:	Other Non Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	03/17/93
Cleanup Ceased:	03/17/93
Cleanup Meets Standard:	False
Investigator:	BATTISTA
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	10/20/87
Reported to Department Time:	19:42
SWIS:	63
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	ST. MARY GATE OF HEAVEN
Spiller Address:	103-12 101ST AVE.
Spiller City,St,Zip:	OZONE PARK, NY
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	(718) 847-5947
Facility Extention:	Not reported
Spill Notifier:	Tank Tester
PBS Number:	2-385204
Last Inspection:	/ /

103-12 101ST AVE./ST. MAR (Continued) **S100559975**

Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 10/22/87
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 02/15/94
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: 0
Test Method: Not reported
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: -1
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: 03/17/93: CONTENZA TOOK TANK OUT OF SERVICE ON 8/19/88.
Spill Cause: 2K TANK FAILED TEST WITH A LEAK RATE OF .142 G/HR. WILL EXCAVATE, ISOLATE, AND RETEST.

Z103 **THE MERRY GATES OF HEAVEN** **LTANKS** **S100559977**
NNW **103-12 101ST AVENUE** **HIST LTANKS** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.317 mi.
1676 ft. **Site 2 of 2 in cluster Z**

Relative:
Higher

Actual:
40 ft.

LTANKS:
Site ID: 297730
Spill No: 8706124
Spill Date: 10/20/1987
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 3/17/1993
Facility Addr2: Not reported
Cleanup Ceased: 3/17/1993
Cleanup Meets Standard: False
SWIS: 4101
Investigator: BATTISTA
Referred To: Not reported
Reported to Dept: 10/20/1987
CID: Not reported

THE MERRY GATES OF HEAVEN (Continued) **S100559977**

Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	10/22/1987
Spill Record Last Update:	2/15/1994
Spiller Name:	Not reported
Spiller Company:	ST. MARY GATE OF HEAVEN
Spiller Address:	103-12 101ST AVE.
Spiller City,St,Zip:	OZONE PARK, NY
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	240884
DEC Memo:	Not reported
Remarks:	2K TANK FAILED TEST WITH A LEAK RATE OF .142 G/HR. WILL EXCAVATE, ISOLATE, AND RETEST.

Material:

Site ID:	297730
Operable Unit ID:	909923
Operable Unit:	01
Material ID:	465142
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Not reported
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	297730
Spill Tank Test:	1531978
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

Site ID:	172122
Spill No:	8803832
Spill Date:	8/1/1988
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response.

THE MERRY GATES OF HEAVEN (Continued) **S100559977**

	Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	3/17/1993
Facility Addr2:	Not reported
Cleanup Ceased:	3/17/1993
Cleanup Meets Standard:	False
SWIS:	4101
Investigator:	BATTISTA
Referred To:	Not reported
Reported to Dept:	8/1/1988
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	8/2/1988
Spill Record Last Update:	2/15/1994
Spiller Name:	Not reported
Spiller Company:	THE MERRY GATES OF HEAVEN
Spiller Address:	103-12 101ST AVENUE
Spiller City,St,Zip:	OZONE PARK, NY
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	144869
DEC Memo:	Not reported
Remarks:	SYSTEMS TEST, VISIBLE LEAK, BROKEN GASKET ON THE MAN WAY, WILL REPAIR GASKET AND RETEST.

Material:

Site ID:	172122
Operable Unit ID:	921011
Operable Unit:	01
Material ID:	459364
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5000
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	172122
Spill Tank Test:	1534382
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills

THE MERRY GATES OF HEAVEN (Continued) **S100559977**

Last Modified: 10/1/2004
Test Method: Unknown

HIST LTANKS:
Region of Spill: 2
Spill Number: 8803832
Spill Date: 08/01/1988
Spill Time: 18:30
Spill Cause: Tank Test Failure
Resource Affectd: Groundwater
Water Affected: Not reported
Spill Source: Other Non Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 03/17/93
Cleanup Ceased: 03/17/93
Cleanup Meets Standard: False
Investigator: BATTISTA
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 08/01/88
Reported to Department Time: 21:02
SWIS: 63
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: THE MERRY GATES OF HEAVEN
Spiller Address: 103-12 101ST AVENUE
Spiller City,St,Zip: OZONE PARK, NY
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: Not reported
Facility Extention: Not reported
Spill Notifier: Tank Tester
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 08/02/88
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 02/15/94
Is Updated: False

Tank:
PBS Number: Not reported

THE MERRY GATES OF HEAVEN (Continued) **S100559977**

Tank Number: Not reported
Tank Size: 0
Test Method: Not reported
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 5000
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: 03/17/93: CONTENZA TOOK TANK OUT OF SERVICE 8/19/88,.
Spill Cause: SYSTEMS TEST, VISIBLE LEAK, BROKEN GASKET ON THE MAN WAY, WILL REPAIR GASKET AND RETEST.

104
ENE
1/4-1/2
0.357 mi.
1886 ft.

AMERICAN BEDDING COMPANY
109-03 LIBERTY AV
RICHMOND HILL, NY

HIST LTANKS **S104782136**
NY Spills **N/A**

Relative:
Higher

Actual:
42 ft.

HIST LTANKS:
Region of Spill: 2
Spill Number: 0006119
Spill Date: 08/23/2000
Spill Time: 10:25
Spill Cause: Tank Overfill
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Other Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Cleanup Ceased: / /
Cleanup Meets Standard: False
Investigator: SIGONA
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 08/23/00
Reported to Department Time: 10:39
SWIS: 63
Spiller Contact: ERIK ZALEWSKI
Spiller Phone: (631) 864-4200
Spiller Extention: Not reported
Spiller Name: AMERICAN BEDDING COMPANY

AMERICAN BEDDING COMPANY (Continued) **S104782136**

Spiller Address: 109-03 LIBERTY AV
Spiller City,St,Zip: RICHMOND HILL, NY
Spiller Cleanup Date: / /
Facility Contact: ERIK ZALEWSKI
Facility Phone: (631) 864-4200
Facility Extention: Not reported
Spill Notifier: Other
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 08/23/00
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 09/14/00
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: True
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: On September 14, 2000, DEC Sigona called Erik Zawelski, Phoenix Environmental and requested a copy of the site investigation. Left message Mr. Zalewski was unavailable.
Spill Cause: caller did soil samples around abandoned tank and results showed contamination

SPILLS:
Facility ID: 0006119
DER Facility ID: 193156
Facility Type: ER
Site ID: 234489
DEC Region: 2
Spill Number: 0006119
Spill Date: 8/23/2000
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Date: 1/26/2006

AMERICAN BEDDING COMPANY (Continued) **S104782136**

SWIS:	4101
Investigator:	MJCRUDEN
Referred To:	Not reported
Reported to Dept:	8/23/2000
CID:	211
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	8/23/2000
Spill Record Last Update:	2/3/2006
Spiller Name:	ERIK ZALEWSKI
Spiller Company:	AMERICAN BEDDING COMPANY
Spiller Address:	109-03 LIBERTY AV
Spiller City,St,Zip:	RICHMOND HILL, NY
Spiller Company:	001
Contact Name:	ERIK ZALEWSKI
Contact Phone:	(631) 864-4200
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL"This spill case was reassigned from DEC (Sigona) to Rommel on01/07/2004.On September 14, 2000, DEC Sigona called Erik Zawelski, Phoenix Environmental and requested a copy of the site investigation. Left message Mr. Zalewski was unavailable.1/12/06 called Phoenix Environmental and talked to Paul Sherwood (Zalewski has left company). He agreed to search for documentation. Sent followup letters with spill report as attachment to Phoenix and Liberty Management Corp to request assistance in closing out this spill.Submitted test results and proof of certified tank closure.2/3/2006 Libert Management sent additional documentation, which was filed appropriately.
Remarks:	Caller did soil samples around abandoned tank and results showed contamination

Material:

Site ID:	234489
Operable Unit ID:	827017
Operable Unit:	01
Material ID:	547245
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported

AMERICAN BEDDING COMPANY (Continued) **S104782136**

Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

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105 SE 1/4-1/2 0.385 mi. 2031 ft. | **111-24 106TH ST/QUEENS 111-24 106TH STREET NEW YORK CITY, NY** | **LTANKS HIST LTANKS** | **S100167936 N/A**

Relative: Lower

Actual: 33 ft.

LTANKS:

Site ID:	262021
Spill No:	9004044
Spill Date:	7/11/1990
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	5/25/1995
Facility Addr2:	Not reported
Cleanup Ceased:	5/25/1995
Cleanup Meets Standard:	True
SWIS:	4101
Investigator:	WILSON
Referred To:	Not reported
Reported to Dept:	7/12/1990
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	7/18/1990
Spill Record Last Update:	5/25/1995
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	213974
DEC Memo:	Not reported
Remarks:	BAERENKLAU OIL USED SPEEDY DRY ON LEAK, & PUT CAN UNDER TANK, WILL BE REPAIRED BY A.B.C. TANK REPAIRES.

Material:

Site ID:	262021
Operable Unit ID:	944235

111-24 106TH ST/QUEENS (Continued) **S100167936**

Operable Unit:	01
Material ID:	435158
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	9004044
Spill Date:	07/11/1990
Spill Time:	15:15
Spill Cause:	Tank Failure
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	05/25/95
Cleanup Ceased:	05/25/95
Cleanup Meets Standard:	True
Investigator:	WILSON
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	07/12/90
Reported to Department Time:	10:21
SWIS:	63
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	Not reported
Spiller Address:	Not reported

111-24 106TH ST/QUEENS (Continued) **S100167936**

Spiller City,St,Zip: Not reported
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: (718) 835-0970
Facility Extention: Not reported
Spill Notifier: Other
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 07/18/90
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 05/25/95
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 1
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Spill Cause: BAERENKLAU OIL USED SPEEDY DRY ON LEAK, PUT CAN UNDER TANK, WILL BE REPAIRED BY A.B.C. TANK REPAIRES.

106
NNW
1/4-1/2
0.414 mi.
2188 ft.

97-10 103TH ST **LTANKS** **S101341295**
97-10 103TH ST **HIST LTANKS** **N/A**
OZONE PARK, NY

Relative:
Higher

Actual:
43 ft.

LTANKS:
Site ID: 133869
Spill No: 9315573
Spill Date: 5/23/1993
Spill Cause: Tank Failure
Spill Source: Private Dwelling
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.

97-10 103TH ST (Continued) **S101341295**

Spill Closed Dt:	5/24/1993
Facility Addr2:	Not reported
Cleanup Ceased:	5/24/1993
Cleanup Meets Standard:	True
SWIS:	4101
Investigator:	JMKRIMGO
Referred To:	Not reported
Reported to Dept:	5/23/1993
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	5/25/1993
Spill Record Last Update:	9/30/2004
Spiller Name:	Not reported
Spiller Company:	DOROTHY PIRRAZZO
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	115038
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"
Remarks:	CUSTOMER HAD OIL LEAK IN TANK BAERENKLAU STATED TANK WAS NO GOOD USED SPEEDY DRY NCB.

Material:

Site ID:	133869
Operable Unit ID:	997592
Operable Unit:	01
Material ID:	387322
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Not reported
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported

97-10 103TH ST (Continued) **S101341295**

Last Modified: Not reported
Test Method: Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	9315573
Spill Date:	05/23/1993
Spill Time:	11:05
Spill Cause:	Tank Failure
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Class:	Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	05/24/93
Cleanup Ceased:	05/24/93
Cleanup Meets Standard:	True
Investigator:	KRIMGOLD
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	05/23/93
Reported to Department Time:	11:13
SWIS:	63
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	DOROTHY PIRRAZZO
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	Not reported
Facility Extention:	Not reported
Spill Notifier:	Other
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	05/25/93
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	/ /
Is Updated:	False

Tank:

97-10 103TH ST (Continued) **S101341295**

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Spill Cause: CUSTOMER HAD OIL LEAK IN TANK BAERENKLAU STATED TANK WAS NO GOOD USED SPEEDY DRY NCB.

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107 SW 1/4-1/2 0.479 mi. 2528 ft. | **AIRCRAFT TURBINE SERVICE** | **CERC-NFRAP** | **1003863862**
129-15 92ND ST | **NYD980532139**
JAMAICA, NY 11421

Relative: Lower

Actual: 32 ft.

CERC-NFRAP:
Site ID: 0201989
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Assessment History:
Action: DISCOVERY
Date Started: Not reported
Date Completed: 06/01/1981
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: 02/15/1987
Date Completed: 02/26/1987
Priority Level: Low priority for further assessment

Action: SITE INSPECTION
Date Started: 07/01/1990
Date Completed: 09/25/1990
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 09/25/1990
Priority Level: Not reported

Count: 20 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
QUEENS	1004761690	MTA NYCT - AQUEDUCT AVENUE STATION	HAWTREE ST & N CONDUIT AVE	11420	FINDS,RCRA-NLR
OZONE PARK	1005444288	NYSDOT RECONST FOCH BLVD & 109TH A	FOCH BLVD OVER VAN WYCK	11420	FINDS,RCRA-NLR
QUEENS	1007206373	CONSOLIDATED EDISON	V 209 - LIBERTY & ALLENDALE		RCRA-NLR,MANIFEST
OZONE PARK	1007252064	BELL ATLANTIC-NY	CROSS BAY BLVD/153 AVE	00000	FINDS
HOWARD BEACH	1007765171	TRINCHESE PROP - B 14189 LOT 49	95TH ST	11414	FINDS
SOUTH RICHMOND HILL	1007805896	EFFICIENT AUTO COLLISION-129-15 10	129/15 101ST AVENUE	11419	FINDS
HOWARD BEACH	1007811547	NYC DCAS-161 AVE/95TH ST/SHELLBANK	BED OF 161ST AVE BET 95TH ST &	11414	FINDS
QUEENS	1008195545	CONSOLIDATED EDISON	TM5884-98TH ST & LIDBERTY AVE		RCRA-NLR,MANIFEST
OZONE PARK	1009226043	NYCTA	LIBERTY AVE	11417	MANIFEST
OZONE PARK	1009234762	AMOCO OIL SERVICE STATION	97809 ROCKAWAY BLVD	11417	MANIFEST
RICHMOND HILL	1012185318	CON EDISON	NW COR 115TH ST & 103 AVE	11418	RCRA-CESQG
OZONE PARK	1012186253	MTA NYCT - ROCKAWAY LINE VIADUCTS	LINDEN BLVD & HAWTREE ST TO	11417	RCRA-SQG
SOUTH OZONE PARK	1014395125	AQUEDUCT RACETRACK	110-00 ROCKAWAY BLVD	11417	RCRA-CESQG
QUEENS	1014395428	NYC DEP	94-001 100TH ST	11416	RCRA-NLR
OZONE PARK	1014395504	NYC DEP	HAWTREE ST & 99TH PL	11417	RCRA-NLR
QUEENS	1014395506	NYC DEP	103-53 101ST ST	11417	RCRA-NLR
OZONE PARK	1014397282	CON EDISON - MANHOLE 13802	ALBERT RD AND 99TH PL	11417	RCRA-LQG
OZONE PARK	1014397302	CON EDISON - MANHOLE 11160	LIBERTY AVE & 75 ST	11416	RCRA-LQG
OZONE PARK	1014397306	CON EDISON - MANHOLE 11438	103 AVE & 92 ST	11417	RCRA-LQG
	S112209750	CONSOLIDATED EDISON CO #3000	ROUTE 133 AND STONE		MANIFEST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/01/2012
Date Data Arrived at EDR: 10/11/2012
Date Made Active in Reports: 12/20/2012
Number of Days to Update: 70

Source: EPA
Telephone: N/A
Last EDR Contact: 01/04/2013
Next Scheduled EDR Contact: 04/22/2013
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/01/2012
Date Data Arrived at EDR: 10/11/2012
Date Made Active in Reports: 12/20/2012
Number of Days to Update: 70

Source: EPA
Telephone: N/A
Last EDR Contact: 01/04/2013
Next Scheduled EDR Contact: 04/22/2013
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/01/2012	Source: EPA
Date Data Arrived at EDR: 10/11/2012	Telephone: N/A
Date Made Active in Reports: 12/20/2012	Last EDR Contact: 01/04/2013
Number of Days to Update: 70	Next Scheduled EDR Contact: 04/22/2013
	Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 11/02/2012	Source: EPA
Date Data Arrived at EDR: 11/28/2012	Telephone: 703-412-9810
Date Made Active in Reports: 01/07/2013	Last EDR Contact: 01/04/2013
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 07/31/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/09/2012	Telephone: 703-603-8704
Date Made Active in Reports: 12/20/2012	Last EDR Contact: 01/11/2013
Number of Days to Update: 72	Next Scheduled EDR Contact: 04/22/2013
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 11/02/2012	Source: EPA
Date Data Arrived at EDR: 11/28/2012	Telephone: 703-412-9810
Date Made Active in Reports: 01/07/2013	Last EDR Contact: 01/04/2013
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 08/19/2011
Date Data Arrived at EDR: 08/31/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 132

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/12/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 07/18/2012
Date Data Arrived at EDR: 07/24/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 104

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 12/10/2012
Next Scheduled EDR Contact: 03/25/2013
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 07/18/2012
Date Data Arrived at EDR: 07/24/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 104

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 12/10/2012
Next Scheduled EDR Contact: 03/25/2013
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/15/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 04/02/2012
Date Data Arrived at EDR: 04/03/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 72

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 01/11/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Inactive Hazardous Waste Disposal Sites in New York State

Referred to as the State Superfund Program, the Inactive Hazardous Waste Disposal Site Remedial Program is the cleanup program for inactive hazardous waste sites and now includes hazardous substance sites

Date of Government Version: 11/19/2012
Date Data Arrived at EDR: 11/20/2012
Date Made Active in Reports: 12/12/2012
Number of Days to Update: 22

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 11/20/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Annually

VAPOR REOPENED: Vapor Intrustion Legacy Site List

New York is currently re-evaluating previous assumptions and decisions regarding the potential for soil vapor intrusion exposures at sites. As a result, all past, current, and future contaminated sites will be evaluated to determine whether these sites have the potential for exposures related to soil vapor intrusion.

Date of Government Version: 05/01/2012
Date Data Arrived at EDR: 05/23/2012
Date Made Active in Reports: 07/03/2012
Number of Days to Update: 41

Source: Department of Environmenal Conservation
Telephone: 518-402-9814
Last EDR Contact: 08/24/2012
Next Scheduled EDR Contact: 12/03/2012
Data Release Frequency: Varies

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Facility Register

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 01/07/2013
Date Data Arrived at EDR: 01/09/2013
Date Made Active in Reports: 01/16/2013
Number of Days to Update: 7

Source: Department of Environmental Conservation
Telephone: 518-457-2051
Last EDR Contact: 01/07/2013
Next Scheduled EDR Contact: 04/22/2013
Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

LTANKS: Spills Information Database

Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills.

Date of Government Version: 11/19/2012
Date Data Arrived at EDR: 11/20/2012
Date Made Active in Reports: 01/08/2013
Number of Days to Update: 49

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 11/20/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Varies

HIST LTANKS: Listing of Leaking Storage Tanks

A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 59

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/12/2012
Date Data Arrived at EDR: 05/09/2012
Date Made Active in Reports: 07/10/2012
Number of Days to Update: 62

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 08/17/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 09/06/2012
Date Data Arrived at EDR: 09/07/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 08/01/2012
Date Data Arrived at EDR: 08/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 75

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/30/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Semi-Annually

State and tribal registered storage tank lists

TANKS: Storage Tank Faciliy Listing
This database contains records of facilities that are or have been regulated under Bulk Storage Program. Tank information for these facilities may not be releasable by the state agency.

Date of Government Version: 01/02/2013
Date Data Arrived at EDR: 01/02/2013
Date Made Active in Reports: 01/16/2013
Number of Days to Update: 14

Source: Department of Environmental Conservation
Telephone: 518-402-9543
Last EDR Contact: 01/02/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Quarterly

UST: Petroleum Bulk Storage (PBS) Database
Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons.

Date of Government Version: 01/02/2013
Date Data Arrived at EDR: 01/02/2013
Date Made Active in Reports: 01/16/2013
Number of Days to Update: 14

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 01/02/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: No Update Planned

CBS UST: Chemical Bulk Storage Database
Facilities that store regulated hazardous substances in underground tanks of any size

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 10/24/2005
Next Scheduled EDR Contact: 01/23/2006
Data Release Frequency: No Update Planned

MOSF UST: Major Oil Storage Facilities Database
Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: Varies

AST: Petroleum Bulk Storage
Registered Aboveground Storage Tanks.

Date of Government Version: 01/02/2013
Date Data Arrived at EDR: 01/02/2013
Date Made Active in Reports: 01/16/2013
Number of Days to Update: 14

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 01/02/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: No Update Planned

CBS AST: Chemical Bulk Storage Database
Facilities that store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

MOSF AST: Major Oil Storage Facilities Database
Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

CBS: Chemical Bulk Storage Site Listing
These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

Date of Government Version: 01/02/2013
Date Data Arrived at EDR: 01/02/2013
Date Made Active in Reports: 01/16/2013
Number of Days to Update: 14

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 01/02/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Quarterly

MOSF: Major Oil Storage Facility Site Listing
These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/02/2013
Date Data Arrived at EDR: 01/02/2013
Date Made Active in Reports: 01/16/2013
Number of Days to Update: 14

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 01/02/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/12/2012
Date Data Arrived at EDR: 05/02/2012
Date Made Active in Reports: 07/16/2012
Number of Days to Update: 75

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 08/02/2012
Date Data Arrived at EDR: 08/03/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 94

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/10/2011
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 34

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 08/17/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 08/01/2012
Date Data Arrived at EDR: 08/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 75

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 09/06/2012
Date Data Arrived at EDR: 09/07/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 39

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/14/2013
Next Scheduled EDR Contact: 04/29/2013
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Registry of Engineering Controls
Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 11/19/2012
Date Data Arrived at EDR: 11/20/2012
Date Made Active in Reports: 12/12/2012
Number of Days to Update: 22

Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 11/20/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Quarterly

INST CONTROL: Registry of Institutional Controls
Environmental Remediation sites that have institutional controls in place.

Date of Government Version: 11/19/2012
Date Data Arrived at EDR: 11/20/2012
Date Made Active in Reports: 12/12/2012
Number of Days to Update: 22

Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 11/20/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Quarterly

RES DECL: Restrictive Declarations Listing
A restrictive declaration is a covenant running with the land which binds the present and future owners of the property. As a condition of certain special permits, the City Planning Commission may require an applicant to sign and record a restrictive declaration that places specified conditions on the future use and development of the property. Certain restrictive declarations are indicated by a D on zoning maps.

Date of Government Version: 11/18/2010
Date Data Arrived at EDR: 12/23/2010
Date Made Active in Reports: 02/11/2011
Number of Days to Update: 50

Source: NYC Department of City Planning
Telephone: 212-720-3401
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/08/2013
Data Release Frequency: No Update Planned

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/28/2012
Date Data Arrived at EDR: 10/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 14

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 01/04/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Varies

VCP: Voluntary Cleanup Agreements
New York established its Voluntary Cleanup Program (VCP) to address the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites.

Date of Government Version: 11/19/2012
Date Data Arrived at EDR: 11/20/2012
Date Made Active in Reports: 12/12/2012
Number of Days to Update: 22

Source: Department of Environmental Conservation
Telephone: 518-402-9711
Last EDR Contact: 11/20/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Semi-Annually

State and tribal Brownfields sites

ERP: Environmental Restoration Program Listing
In an effort to spur the cleanup and redevelopment of brownfields, New Yorkers approved a $200 million Environmental Restoration or Brownfields Fund as part of the $1.75 billion Clean Water/Clean Air Bond Act of 1996 (1996 Bond Act). Enhancements to the program were enacted on October 7, 2003. Under the Environmental Restoration Program, the State provides grants to municipalities to reimburse up to 90 percent of on-site eligible costs and 100% of off-site eligible costs for site investigation and remediation activities. Once remediated, the property may then be reused for commercial, industrial, residential or public use.

Date of Government Version: 11/19/2012
Date Data Arrived at EDR: 11/20/2012
Date Made Active in Reports: 12/12/2012
Number of Days to Update: 22

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 11/20/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Quarterly

BROWNFIELDS: Brownfields Site List

A Brownfield is any real property where redevelopment or re-use may be complicated by the presence or potential presence of a hazardous waste, petroleum, pollutant, or contaminant.

Date of Government Version: 11/19/2012
Date Data Arrived at EDR: 11/20/2012
Date Made Active in Reports: 12/12/2012
Number of Days to Update: 22

Source: Department of Environmental Conservation
Telephone: 518-402-9764
Last EDR Contact: 11/20/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Semi-Annually

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/10/2012
Date Data Arrived at EDR: 12/11/2012
Date Made Active in Reports: 12/20/2012
Number of Days to Update: 9

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/11/2012
Next Scheduled EDR Contact: 04/08/2013
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/03/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: No Update Planned

SWRCY: Registered Recycling Facility List

A listing of recycling facilities.

Date of Government Version: 01/07/2013
Date Data Arrived at EDR: 01/09/2013
Date Made Active in Reports: 01/16/2013
Number of Days to Update: 7

Source: Department of Environmental Conservation
Telephone: 518-402-8705
Last EDR Contact: 01/07/2013
Next Scheduled EDR Contact: 04/22/2013
Data Release Frequency: Semi-Annually

SWTIRE: Registered Waste Tire Storage & Facility List
A listing of facilities registered to accept waste tires.

Date of Government Version: 08/01/2006
Date Data Arrived at EDR: 11/15/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 15

Source: Department of Environmental Conservation
Telephone: 518-402-8694
Last EDR Contact: 10/26/2012
Next Scheduled EDR Contact: 02/04/2013
Data Release Frequency: Annually

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 11/05/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 07/11/2012
Date Data Arrived at EDR: 09/12/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 54

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 12/03/2012
Next Scheduled EDR Contact: 03/18/2013
Data Release Frequency: Quarterly

DEL SHWS: Delisted Registry Sites
A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

Date of Government Version: 11/19/2012
Date Data Arrived at EDR: 11/20/2012
Date Made Active in Reports: 12/14/2012
Number of Days to Update: 24

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 11/20/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Annually

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

HIST UST: Historical Petroleum Bulk Storage Database
These facilities have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. It is no longer updated due to the sensitive nature of the information involved. See UST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: Varies

HIST AST: Historical Petroleum Bulk Storage Database
These facilities have petroleum storage capabilities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. No longer updated due to the sensitive nature of the information involved. See AST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/16/2012
Date Data Arrived at EDR: 03/26/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

LIENS: Spill Liens Information
Lien information from the Oil Spill Fund.

Date of Government Version: 11/19/2012
Date Data Arrived at EDR: 11/20/2012
Date Made Active in Reports: 12/12/2012
Number of Days to Update: 22

Source: Office of the State Comptroller
Telephone: 518-474-9034
Last EDR Contact: 11/12/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 04/01/2012
Date Data Arrived at EDR: 04/03/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 72

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Annually

SPILLS: Spills Information Database
Data collected on spills reported to NYSDEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

Date of Government Version: 11/19/2012
Date Data Arrived at EDR: 11/20/2012
Date Made Active in Reports: 01/08/2013
Number of Days to Update: 49

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 11/20/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Varies

HIST SPILLS: SPILLS Database

This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 11/06/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 08/12/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 112

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 12/10/2012
Next Scheduled EDR Contact: 03/25/2013
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 10/01/2012
Date Data Arrived at EDR: 10/19/2012
Date Made Active in Reports: 12/20/2012
Number of Days to Update: 62

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 02/27/2012
Date Data Arrived at EDR: 03/14/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 92

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/11/2012
Next Scheduled EDR Contact: 03/25/2013
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/28/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/18/2011
Date Data Arrived at EDR: 09/08/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 21

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 12/05/2012
Next Scheduled EDR Contact: 03/18/2013
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 09/01/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 131

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/28/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/08/2013
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems
Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011
Date Data Arrived at EDR: 11/10/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 10/19/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/01/2010
Date Data Arrived at EDR: 11/10/2010
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 98

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/16/2013
Next Scheduled EDR Contact: 04/29/2013
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 06/21/2011
Date Data Arrived at EDR: 07/15/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 60

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 12/10/2012
Next Scheduled EDR Contact: 03/25/2013
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 10/02/2012
Date Data Arrived at EDR: 10/02/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 01/09/2013
Next Scheduled EDR Contact: 04/22/2013
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 10/23/2011
Date Data Arrived at EDR: 12/13/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 79

Source: EPA
Telephone: (212) 637-3000
Last EDR Contact: 12/11/2012
Next Scheduled EDR Contact: 03/25/2013
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 05/08/2012
Date Data Arrived at EDR: 05/25/2012
Date Made Active in Reports: 07/10/2012
Number of Days to Update: 46

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 03/01/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 62

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 11/30/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Biennially

HSWDS: Hazardous Substance Waste Disposal Site Inventory

The list includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-Registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity. The last version of the study inventory is frozen in time. The sites on the study will not automatically be made Superfund sites, rather each site will be further evaluated for listing on the Registry. So overtime they will be added to the registry or not.

Date of Government Version: 01/01/2003
Date Data Arrived at EDR: 10/20/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 41

Source: Department of Environmental Conservation
Telephone: 518-402-9564
Last EDR Contact: 05/26/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: No Update Planned

UIC: Underground Injection Control Wells

A listing of enhanced oil recovery underground injection wells.

Date of Government Version: 12/10/2012
Date Data Arrived at EDR: 12/11/2012
Date Made Active in Reports: 01/16/2013
Number of Days to Update: 36

Source: Department of Environmental Conservation
Telephone: 518-402-8056
Last EDR Contact: 12/11/2012
Next Scheduled EDR Contact: 03/25/2013
Data Release Frequency: Quarterly

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 11/01/2012
Date Data Arrived at EDR: 11/07/2012
Date Made Active in Reports: 12/11/2012
Number of Days to Update: 34

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/07/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Annually

DRYCLEANERS: Registered Drycleaners

A listing of all registered drycleaning facilities.

Date of Government Version: 06/20/2012
Date Data Arrived at EDR: 07/16/2012
Date Made Active in Reports: 09/06/2012
Number of Days to Update: 52

Source: Department of Environmental Conservation
Telephone: 518-402-8403
Last EDR Contact: 12/13/2012
Next Scheduled EDR Contact: 04/01/2013
Data Release Frequency: Varies

SPDES: State Pollutant Discharge Elimination System

New York State has a state program which has been approved by the United States Environmental Protection Agency for the control of wastewater and stormwater discharges in accordance with the Clean Water Act. Under New York State law the program is known as the State Pollutant Discharge Elimination System (SPDES) and is broader in scope than that required by the Clean Water Act in that it controls point source discharges to groundwaters as well as surface waters.

Date of Government Version: 10/23/2012
Date Data Arrived at EDR: 10/24/2012
Date Made Active in Reports: 11/09/2012
Number of Days to Update: 16

Source: Department of Environmental Conservation
Telephone: 518-402-8233
Last EDR Contact: 01/14/2013
Next Scheduled EDR Contact: 04/29/2013
Data Release Frequency: No Update Planned

AIRS: Air Emissions Data

Point source emissions inventory data.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 08/02/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 62

Source: Department of Environmental Conservation
Telephone: 518-402-8452
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Annually

E DESIGNATION: E DESIGNATION SITE LISTING

The (E (Environmental)) designation would ensure that sampling and remediation take place on the subject properties, and would avoid any significant impacts related to hazardous materials at these locations. The (E) designations would require that the fee owner of the sites conduct a testing and sampling protocol, and remediation where appropriate, to the satisfaction of the NYCDEP before the issuance of a building permit by the Department of Buildings pursuant to the provisions of Section 11-15 of the Zoning Resolution (Environmental Requirements). The (E) designations also include a mandatory construction-related health and safety plan which must be approved by NYCDEP.

Date of Government Version: 10/11/2012
Date Data Arrived at EDR: 11/01/2012
Date Made Active in Reports: 11/09/2012
Number of Days to Update: 8

Source: New York City Department of City Planning
Telephone: 718-595-6658
Last EDR Contact: 12/26/2012
Next Scheduled EDR Contact: 04/08/2013
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 10/22/2012
Next Scheduled EDR Contact: 02/04/2013
Data Release Frequency: Varies

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 01/18/2012
Date Data Arrived at EDR: 01/27/2012
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 34

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 01/18/2012
Date Data Arrived at EDR: 01/27/2012
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 34

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Annually

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/13/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 11/12/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Quarterly

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 08/20/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 69

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 11/16/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Quarterly

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 10/01/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 32

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Quarterly

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 11/02/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Site Listing
A listing of coal ash disposal site locations.

Date of Government Version: 01/08/2013
Date Data Arrived at EDR: 01/09/2013
Date Made Active in Reports: 01/16/2013
Number of Days to Update: 7

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 01/07/2013
Next Scheduled EDR Contact: 04/22/2013
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 01/15/2013
Next Scheduled EDR Contact: 04/29/2013
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 12/11/2012
Next Scheduled EDR Contact: 03/25/2013
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 10/31/2008
Date Data Arrived at EDR: 11/25/2008
Date Made Active in Reports: 12/11/2008
Number of Days to Update: 16

Source: Department of Environmental Conservation
Telephone: 518-402-8712
Last EDR Contact: 01/07/2013
Next Scheduled EDR Contact: 04/22/2013
Data Release Frequency: Varies

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/16/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 10/05/2012
Date Data Arrived at EDR: 10/11/2012
Date Made Active in Reports: 11/09/2012
Number of Days to Update: 29

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 01/07/2013
Next Scheduled EDR Contact: 04/22/2013
Data Release Frequency: Quarterly

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: N/A

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Proprietary Historic Dry Cleaners - Cole

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: N/A
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Auto Stat: EDR Proprietary Historic Gas Stations - Cole

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: N/A
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

CORTLAND COUNTY:

Cortland County Storage Tank Listing

A listing of aboveground storage tank sites located in Cortland County.

Date of Government Version: 12/18/2012
Date Data Arrived at EDR: 12/20/2012
Date Made Active in Reports: 01/16/2013
Number of Days to Update: 27

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 05/07/8062
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Quarterly

Cortland County Storage Tank Listing

A listing of underground storage tank sites located in Cortland County.

Date of Government Version: 12/18/2012
Date Data Arrived at EDR: 12/20/2012
Date Made Active in Reports: 01/16/2013
Number of Days to Update: 27

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 05/07/8062
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Quarterly

NASSAU COUNTY:

Registered Tank Database
A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 05/21/2003
Date Data Arrived at EDR: 05/27/2003
Date Made Active in Reports: 06/09/2003
Number of Days to Update: 13

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 01/07/2013
Next Scheduled EDR Contact: 04/22/2013
Data Release Frequency: No Update Planned

Storage Tank Database
A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 11/05/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Varies

Registered Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 05/21/2003
Date Data Arrived at EDR: 05/27/2003
Date Made Active in Reports: 06/09/2003
Number of Days to Update: 13

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 01/07/2013
Next Scheduled EDR Contact: 04/22/2013
Data Release Frequency: No Update Planned

Storage Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 11/05/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Varies

ROCKLAND COUNTY:

Petroleum Bulk Storage Database
A listing of aboveground storage tank sites located in Rockland County.

Date of Government Version: 10/11/2012
Date Data Arrived at EDR: 10/12/2012
Date Made Active in Reports: 11/14/2012
Number of Days to Update: 33

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 01/15/2013
Next Scheduled EDR Contact: 03/25/2013
Data Release Frequency: Quarterly

Petroleum Bulk Storage Database
A listing of underground storage tank sites located in Rockland County.

Date of Government Version: 10/11/2012
Date Data Arrived at EDR: 10/12/2012
Date Made Active in Reports: 11/14/2012
Number of Days to Update: 33

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 01/15/2013
Next Scheduled EDR Contact: 03/25/2013
Data Release Frequency: Quarterly

SUFFOLK COUNTY:

Storage Tank Database
A listing of aboveground storage tank sites located in Suffolk County.

Date of Government Version: 09/13/2006
Date Data Arrived at EDR: 01/11/2007
Date Made Active in Reports: 02/07/2007
Number of Days to Update: 27

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 11/05/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Annually

Storage Tank Database
A listing of underground storage tank sites located in Suffolk County.

Date of Government Version: 09/13/2006
Date Data Arrived at EDR: 01/11/2007
Date Made Active in Reports: 02/07/2007
Number of Days to Update: 27

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 11/05/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Annually

WESTCHESTER COUNTY:

Listing of Storage Tanks
A listing of aboveground storage tank sites located in Westchester County.

Date of Government Version: 11/19/2012
Date Data Arrived at EDR: 11/20/2012
Date Made Active in Reports: 12/12/2012
Number of Days to Update: 22

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 11/05/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Varies

Listing of Storage Tanks
A listing of underground storage tank sites located in Westchester County.

Date of Government Version: 11/19/2012
Date Data Arrived at EDR: 11/20/2012
Date Made Active in Reports: 12/12/2012
Number of Days to Update: 22

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 11/05/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 11/19/2012
Date Data Arrived at EDR: 11/19/2012
Date Made Active in Reports: 01/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/19/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/15/2013
Next Scheduled EDR Contact: 04/29/2013
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/23/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 57

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/22/2012
Next Scheduled EDR Contact: 02/04/2013
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 06/22/2012
Date Made Active in Reports: 07/31/2012
Number of Days to Update: 39

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data
Hazardous waste manifest information.

Date of Government Version: 11/16/2012
Date Data Arrived at EDR: 11/29/2012
Date Made Active in Reports: 01/16/2013
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 10/22/2012
Next Scheduled EDR Contact: 02/04/2013
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 09/27/2012
Number of Days to Update: 70

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/13/2012
Next Scheduled EDR Contact: 04/01/2013
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: Rextag Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Providers
Source: Department of Health
Telephone: 212-676-2444

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

102-16 LIBERTY AVE, QUEENS, NY BLOCK 9523 LOT 5
102-16 LIBERTY AVE
OZONE PARK, NY, NY 11417

TARGET PROPERTY COORDINATES

Latitude (North):	40.6815 - 40˚ 40’ 53.40’’
Longitude (West):	73.8385 - 73˚ 50’ 18.60’’
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	598156.3
UTM Y (Meters):	4503839.0
Elevation:	35 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	40073-F7 JAMAICA, NY
Most Recent Revision:	1994

EDR’s GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

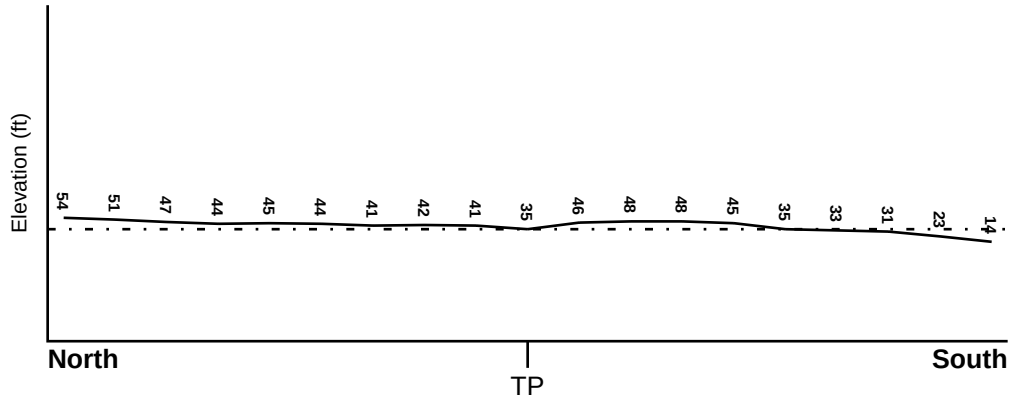
TOPOGRAPHIC INFORMATION

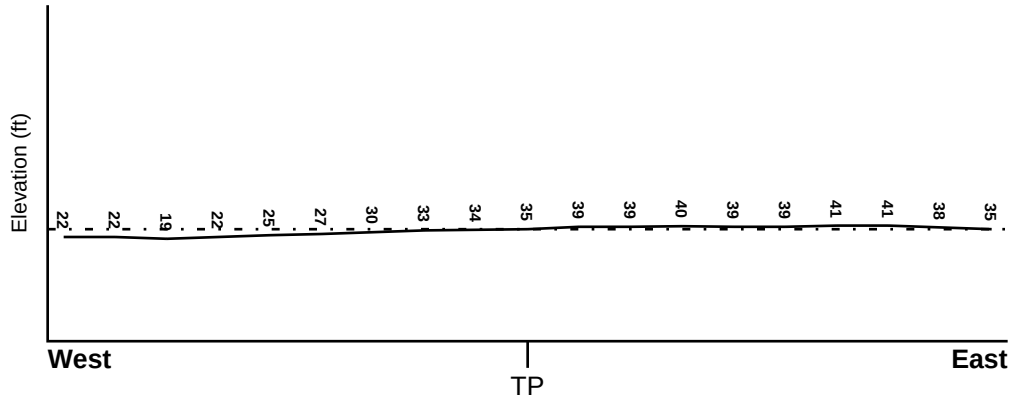
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

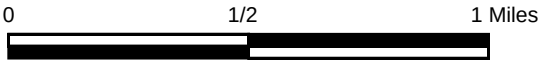
General Topographic Gradient: General NW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Target Property Elevation: 35 ft.



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
QUEENS, NY	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 360497 - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
JAMAICA	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Location Relative to TP:	1/2 - 1 Mile NNW
Site Name:	Liberty Heat Treating Co. Inc.
Site EPA ID Number:	NYD053169694
Groundwater Flow Direction:	NOT AVAILABLE.
Inferred Depth to Water:	approximately 60 feet.
Hydraulic Connection:	permeable deposits are located above the surficial aquifer and the surficial aquifer is hydraulically connected to underlying aquifers.
Sole Source Aquifer:	A sole source aquifer is persent at or near the site
Data Quality:	Information is inferred in the CERCLIS investigation report(s)

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site--specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Cenozoic
System:	Quaternary
Series:	Pleistocene
Code:	Qp *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name:	URBAN LAND
Soil Surface Texture:	variable
Hydrologic Group:	Not reported
Soil Drainage Class:	Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel:	Not Reported
Depth to Bedrock Min:	> 10 inches
Depth to Bedrock Max:	> 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silt loam
loamy sand
sandy loam
fine sandy loam

Surficial Soil Types: silt loam
loamy sand
sandy loam
fine sandy loam

Shallow Soil Types: sandy loam

Deeper Soil Types: unweathered bedrock
very gravelly - loamy sand
stratified
sandy loam

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS2119128	0 - 1/8 Mile SSW
2	USGS2118878	1/4 - 1/2 Mile NNW
3	USGS2119311	1/4 - 1/2 Mile WSW
A4	USGS2119055	1/4 - 1/2 Mile NNE
A5	USGS2119062	1/4 - 1/2 Mile NNE
A6	USGS2119063	1/4 - 1/2 Mile NNE
7	USGS2119261	1/4 - 1/2 Mile ESE
8	USGS2119014	1/2 - 1 Mile ENE
9	USGS2118888	1/2 - 1 Mile NNW
B10	USGS2119202	1/2 - 1 Mile WNW
B11	USGS2119206	1/2 - 1 Mile WNW
12	USGS2119539	1/2 - 1 Mile SSE
13	USGS2119546	1/2 - 1 Mile SSE
14	USGS2119074	1/2 - 1 Mile NW
15	USGS2119521	1/2 - 1 Mile SSE
16	USGS2119064	1/2 - 1 Mile WNW
17	USGS2119157	1/2 - 1 Mile West
E21	USGS2119105	1/2 - 1 Mile NW
D22	USGS2119149	1/2 - 1 Mile East
D23	USGS2119150	1/2 - 1 Mile East
E24	USGS2119106	1/2 - 1 Mile NW
C25	USGS2118896	1/2 - 1 Mile NE
26	USGS2953337	1/2 - 1 Mile South
27	USGS2118907	1/2 - 1 Mile NE
28	USGS2119444	1/2 - 1 Mile SSW
29	USGS2118802	1/2 - 1 Mile NNW
30	USGS2119000	1/2 - 1 Mile WNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

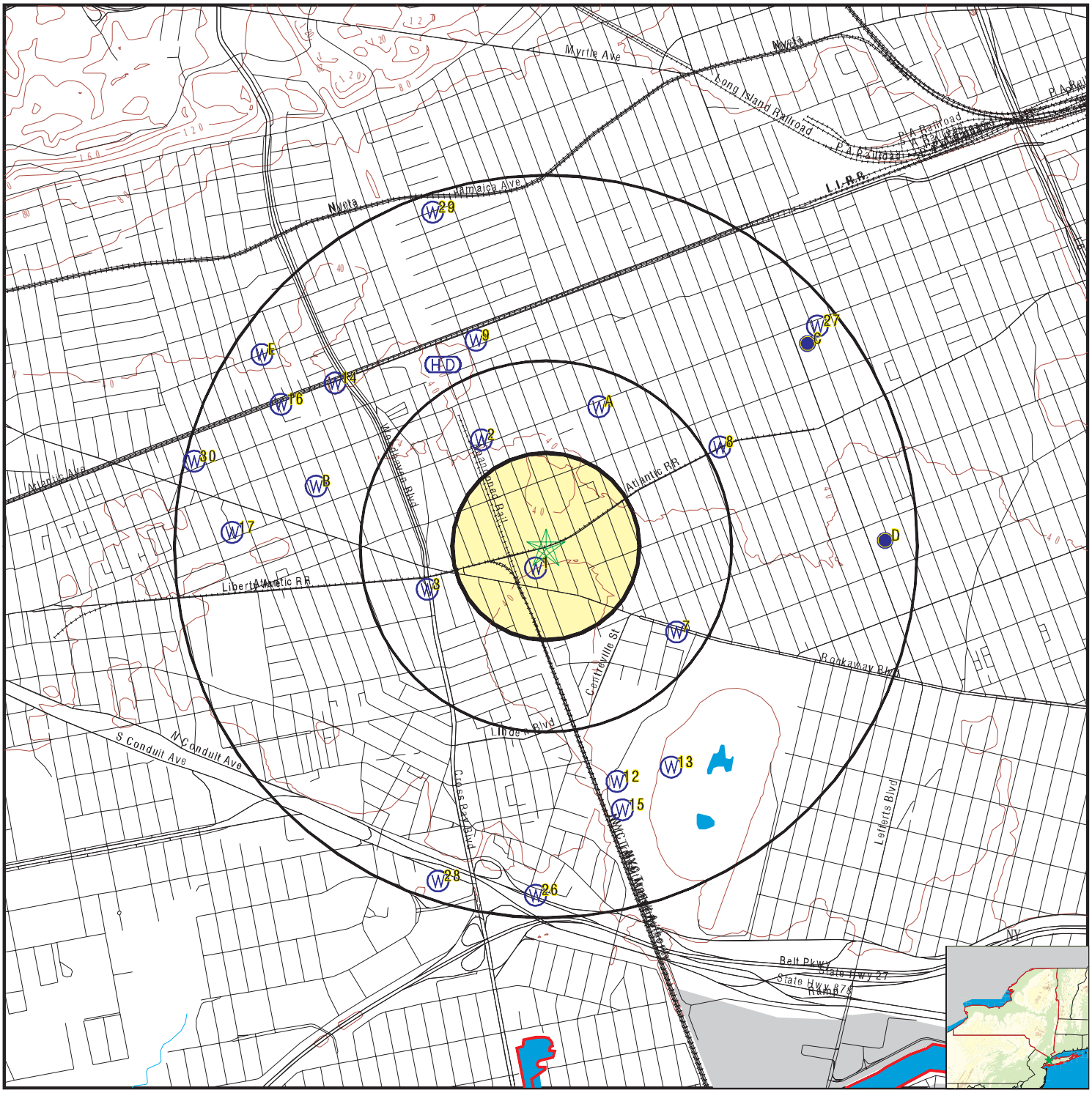
MAP ID	WELL ID	LOCATION FROM TP
C19	NY0011735	1/2 - 1 Mile NE

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
C18	NYWS006432	1/2 - 1 Mile NE
D20	NYWS006451	1/2 - 1 Mile East

PHYSICAL SETTING SOURCE MAP - 3497283.1s



0 1/4 1/2 1 Miles

- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	102-16 Liberty Ave, Queens, NY Block 9523 Lot 5	CLIENT:	Hydro Tech Env. Corp.
ADDRESS:	102-16 Liberty Ave Ozone Park, NY NY 11417	CONTACT:	Shana Cross
		INQUIRY #:	3497283.1s
LAT/LONG:	40.6815 / 73.8385	DATE:	January 17, 2013 11:27 am

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Map ID Direction Distance Elevation	Database	EDR ID Number
1 **SSW** **0 - 1/8 Mile** **Higher**	**FED USGS**	**USGS2119128**

Agency cd:	USGS	Site no:	404050073502201
Site name:	Q 1477. 1		
Latitude:	404050	EDR Site id:	USGS2119128
Longitude:	0735022	Dec lat:	40.68065883
Dec lon:	-73.83902369	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QK1326	Map scale:	Not Reported
Altitude:	34.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	160.	Hole depth:	178.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

---

2 **NNW** **1/4 - 1/2 Mile** **Higher**	**FED USGS**	**USGS2118878**

Agency cd:	USGS	Site no:	404152073505202
Site name:	Q 68. 1		
Latitude:	404108	EDR Site id:	USGS2118878
Longitude:	0735032	Dec lat:	40.68565874
Dec lon:	-73.84180155	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QK1303	Map scale:	Not Reported

Altitude:	35.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Not Reported		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	132.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

3
WSW **FED USGS** **USGS2119311**
1/4 - 1/2 Mile
Lower

Agency cd:	USGS	Site no:	404047073504201
Site name:	Q 1281. 1		
Latitude:	404047	EDR Site id:	USGS2119311
Longitude:	0735042	Dec lat:	40.67982551
Dec lon:	-73.8445794	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QJ1396	Map scale:	Not Reported
Altitude:	29.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	39.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0
Water quality data begin date: 0000-00-00
Water quality data end date: 0000-00-00
Water quality data count: 0
Ground water data begin date: 1911-10-11
Ground water data end date: 1974-04-04
Ground water data count: 359

Ground-water levels, Number of Measurements: 359

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1974-04-04		0.71	1973-04-06		-3.02
1972-06-16		-3.23	1972-03-29		-3.30
1971-03-08		-3.45	1970-03-11		-3.37
1969-03-18		-2.67	1967-03-20		-3.47
1966-04-20		-3.58	1965-09-14		-3.24
1965-06-07		-2.71	1964-11-18		-3.12
1964-02-14		-1.98	1962-11-08		-2.01
1962-04-26		-1.24	1962-01-03		-1.57
1961-02-28		-2.17	1960-07-18		-2.96
1960-01-04		-3.95	1959-03-19		-2.94
1957-12-23		-2.64	1956-12-26		-1.13
1956-01-20		-0.44	1954-12-30		-1.01
1954-06-28		-1.25	1954-05-24		-1.04
1954-04-27		-0.99	1954-03-24		-0.77
1954-02-24		-0.64	1954-01-25		-0.46
1953-12-19		-0.39	1953-11-24		-0.52
1953-11-02		-0.64	1953-10-01		-0.52
1953-08-26		-0.22	1953-08-18		-0.28
1953-07-30		-0.24	1953-06-24		0.15
1953-05-27		0.45	1953-04-28		0.61
1953-03-26		0.16	1953-02-27		0.09
1953-02-13		0.03	1952-12-29		-0.12
1952-12-08		-0.18	1952-11-07		-0.16
1952-09-24		0.13	1952-08-25		0.27
1952-07-28		0.09	1952-06-24		0.35
1952-05-27		0.26	1952-04-30		-0.02
1952-03-24		-0.13	1952-02-20		-0.19
1952-01-31		-0.20	1951-12-21		-0.33
1951-11-29		-0.17	1951-10-31		-0.48
1951-09-27		-0.61	1951-08-29		-0.47
1951-07-25		-0.65	1951-06-26		-0.48
1951-05-31		-0.41	1951-05-01		-0.48
1951-03-27		-0.55	1951-02-26		-1.07
1951-01-30		-1.18	1950-12-18		-0.93
1950-11-27		-1.14	1950-10-30		-1.14
1950-09-25		-1.05	1950-08-28		-1.03
1950-07-25		-1.07	1950-06-27		-1.03
1950-05-25		-0.92	1950-04-26		-1.03
1950-03-28		-0.95	1950-03-01		-0.92
1950-01-24		-1.18	1949-12-27		-1.30
1949-11-29		-1.80	1949-10-27		-1.59
1949-09-29		-1.61	1949-08-26		-1.50
1949-07-27		-1.32	1949-06-30		-1.16
1949-05-31		-0.84	1949-04-27		-0.80
1949-03-28		-0.74	1949-02-23		-1.00
1949-01-25		-1.14	1948-12-30		-1.51
1948-12-09		-1.10	1948-11-02		-1.36
1948-09-28		-1.25	1948-08-30		-0.86
1948-07-27		-1.02	1948-06-28		-1.26
1948-06-02		-1.30	1948-05-06		-1.37

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1948-03-25		-1.70
1948-02-11		-1.70
1947-11-26		-2.20
1947-10-08		-2.54
1947-07-30		-2.02
1947-07-03		-1.81
1947-07-01		-1.76
1947-06-26		-1.71
1947-05-06		-1.67
1947-03-04		-1.91
1946-12-30		-1.63
1946-10-23		-1.23
1946-08-29		-0.91
1946-07-01		-0.83
1946-05-09		-1.68
1946-03-15		-1.51
1946-01-10		-1.57
1945-11-02		-1.60
1945-09-13		-1.49
1945-07-04		-1.50
1945-04-27		-1.29
1945-03-05		-1.23
1945-01-03		-1.02
1944-10-28		-1.25
1944-09-01		-1.66
1944-07-03		-0.86
1944-04-25		-0.82
1944-03-07		-0.98
1944-01-01		-0.99
1943-10-30		-1.39
1943-08-28		-1.68
1943-06-26		-1.29
1943-05-01		-0.90
1943-02-27		-1.19
1942-12-26		-1.58
1942-12-12		-1.75
1942-11-28		-1.77
1942-11-14		-1.64
1942-10-31		-1.83
1942-10-17		-2.01
1942-10-03		-2.10
1942-09-19		-2.38
1942-09-05		-2.46
1942-08-22		-2.81
1942-08-08		-2.88
1942-07-25		-3.12
1942-07-11		-3.25
1942-06-27		-3.35
1942-06-13		-3.39
1942-05-30		-3.32
1942-05-16		-3.31
1942-05-02		-3.35
1942-04-18		-3.32
1942-04-04		-3.41
1942-03-21		-3.52

Date	Feet below Surface	Feet to Sealevel
1948-03-03		-2.08
1948-01-06		-2.18
1947-11-03		-2.45
1947-09-02		-2.41
1947-07-11		-1.97
1947-07-02		-1.79
1947-06-30		-1.73
1947-05-26		-1.57
1947-04-03		-2.03
1947-01-27		-1.83
1946-11-25		-1.41
1946-09-27		-1.27
1946-07-29		-0.81
1946-06-17		-1.02
1946-04-12		-1.55
1946-02-14		-1.32
1945-12-04		-1.63
1945-10-09		-1.45
1945-08-08		-1.16
1945-06-05		-0.61
1945-04-03		-1.25
1945-02-05		-1.12
1944-12-05		-1.19
1944-10-05		-1.26
1944-08-01		-1.31
1944-06-03		-0.60
1944-03-29		-1.27
1944-01-29		-0.93
1943-11-27		-0.94
1943-09-25		-1.69
1943-07-31		-1.58
1943-05-29		-0.96
1943-03-27		-1.08
1943-01-02		-1.61
1942-12-19		-1.69
1942-12-05		-1.62
1942-11-21		-1.75
1942-11-07		-1.68
1942-10-24		-1.86
1942-10-10		-2.06
1942-09-26		-2.15
1942-09-12		-2.40
1942-08-29		-2.52
1942-08-15		-2.82
1942-08-01		-3.02
1942-07-18		-3.28
1942-07-04		-3.32
1942-06-20		-3.39
1942-06-06		-3.38
1942-05-23		-3.27
1942-05-09		-3.35
1942-04-25		-3.32
1942-04-11		-3.37
1942-03-28		-3.47
1942-03-14		-3.60

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1942-03-07		-3.62
1942-02-21		-3.58
1942-02-07		-3.62
1942-01-24		-3.48
1942-01-10		-3.38
1941-12-27		-3.32
1941-12-13		-3.37
1941-11-29		-3.20
1941-11-15		-3.16
1941-11-01		-3.19
1941-10-18		-3.05
1941-10-04		-3.07
1941-09-20		-2.89
1941-09-06		-2.71
1941-08-23		-2.66
1941-08-09		-2.46
1941-07-26		-2.22
1941-07-12		-2.10
1941-06-28		-1.95
1941-06-14		-1.72
1941-05-31		-1.49
1941-05-17		-1.15
1941-05-03		-0.97
1933-06-29		0.28
1933-04-20		0.12
1933-02-01		-1.32
1917-11-20		6.99
1917-10-20		6.64
1917-08-16		6.09
1917-06-26		6.34
1917-05-21		5.89
1917-04-18		5.04
1917-03-15		4.44
1917-02-08		3.34
1917-01-10		3.09
1916-12-05		3.55
1916-11-09		3.85
1916-10-11		4.25
1916-09-20		4.70
1916-09-05		5.05
1916-08-16		5.60
1916-08-02		5.95
1916-07-07		6.45
1916-06-27		6.50
1916-06-13		6.50
1916-05-29		6.50
1916-05-18		6.40
1916-05-01		5.95
1916-04-18		5.70
1916-04-03		5.25
1916-03-20		4.95
1916-03-06		4.80
1916-02-21		4.25
1916-02-04		4.45
1916-01-21		4.55

Date	Feet below Surface	Feet to Sealevel
1942-02-28		-3.60
1942-02-14		-3.56
1942-01-31		-3.57
1942-01-17		-3.42
1942-01-03		-3.36
1941-12-20		-3.30
1941-12-06		-3.26
1941-11-22		-3.16
1941-11-08		-3.07
1941-10-25		-3.06
1941-10-11		-3.07
1941-09-27		-2.98
1941-09-13		-2.78
1941-08-30		-2.65
1941-08-16		-2.57
1941-08-02		-2.33
1941-07-19		-2.16
1941-07-05		-2.05
1941-06-21		-1.79
1941-06-07		-1.61
1941-05-24		-1.30
1941-05-10		-1.07
1933-07-25		-0.25
1933-05-29		0.25
1933-03-03		-0.72
1917-12-12		7.14
1917-11-06		6.94
1917-09-18		6.74
1917-07-24		6.54
1917-06-06		6.14
1917-05-03		5.69
1917-03-27		4.74
1917-02-26		3.94
1917-01-23		3.14
1916-12-22		3.45
1916-11-21		3.65
1916-10-20		4.15
1916-10-04		4.50
1916-09-13		4.85
1916-08-24		5.40
1916-08-08		5.75
1916-07-12		6.35
1916-07-06		6.45
1916-06-20		6.60
1916-06-06		6.45
1916-05-24		6.45
1916-05-09		6.25
1916-04-25		5.85
1916-04-10		5.45
1916-03-28		5.20
1916-03-13		4.85
1916-02-28		4.70
1916-02-11		4.35
1916-01-28		4.50
1916-01-14		4.65

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1916-01-01		4.60	1915-12-24		4.65
1914-01-30		6.14	1914-01-13		6.14
1913-12-23		5.64	1913-12-03		5.79
1913-11-17		5.89	1913-10-31		5.94
1913-10-15		5.74	1913-09-23		5.99
1913-09-06		6.29	1913-08-20		6.59
1913-07-22		7.14	1913-07-03		7.79
1913-06-18		8.29	1913-06-04		8.59
1913-05-16		8.44	1913-05-01		8.09
1913-04-10		7.04	1913-03-24		6.74
1913-03-06		6.54	1913-02-18		6.34
1913-01-31		6.34	1913-01-15		6.19
1912-12-25		6.19	1912-12-10		6.44
1912-11-26		7.04	1912-11-11		6.84
1912-10-24		6.64	1912-10-10		6.74
1912-09-19		6.94	1912-09-06		7.14
1912-08-22		7.24	1912-08-08		7.34
1912-07-19		7.79	1912-07-05		8.14
1912-06-20		8.49	1911-10-26		5.39
1911-10-11		5.24			

A4
NNE **FED USGS** **USGS2119055**
1/4 - 1/2 Mile
Higher

Agency cd:	USGS	Site no:	404112073500901
Site name:	Q 3160. 1		
Latitude:	404112	EDR Site id:	USGS2119055
Longitude:	0735009	Dec lat:	40.68676984
Dec lon:	-73.83541248	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QK1333	Map scale:	Not Reported
Altitude:	45.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	65.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	1	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0
Water quality data end date: 2000-05-10
Ground water data begin date: 1984-03-02
Ground water data count: 580

Water quality data begin date: 2000-05-10
Water quality data count: 1
Ground water data end date: 2005-02-01

Ground-water levels, Number of Measurements: 580

Date	Feet below Surface	Feet to Sealevel
2005-02-01		12.59
2005-01-25		12.69
2005-01-15		12.56
2005-01-05		12.63
2005-01-04		12.62
2004-12-25		12.57
2004-12-15		12.57
2004-12-05		12.63
2004-11-29		12.64
2004-11-25		12.82
2004-11-15		12.68
2004-11-05		12.83
2004-10-30		12.85
2004-10-20		12.77
2004-10-10		12.79
2004-10-01		12.68
2004-09-25		12.60
2004-09-15		12.57
2004-09-05		12.48
2004-08-30		12.55
2004-08-20		12.53
2004-08-10		12.51
2004-08-04		12.50
2004-07-30		12.42
2004-07-20		12.39
2004-07-10		12.38
2004-06-30		12.38
2004-06-28		12.40
2004-06-20		12.40
2004-06-10		12.42
2004-06-03		12.35
2004-05-25		12.35
2004-05-15		12.29
2004-05-05		12.21
2004-04-28		12.10
2004-04-20		12.06
2004-04-10		11.97
2004-03-30		12.01
2004-03-25		11.98
2004-03-15		12.13
2004-03-05		12.22
2004-02-25		12.27
2004-02-15		12.32
2004-02-08		12.17
2004-01-30		12.41
2004-01-20		12.35
2004-01-10		12.50
2004-01-05		12.30
2004-01-01		12.15
2003-11-10		11.94

Date	Feet below Surface	Feet to Sealevel
2005-01-30		12.66
2005-01-20		12.70
2005-01-10		12.68
2005-01-05		12.67
2004-12-30		12.56
2004-12-20		12.66
2004-12-10		12.70
2004-11-30		12.63
2004-11-28		12.72
2004-11-20		12.71
2004-11-10		12.66
2004-11-03		12.77
2004-10-25		12.81
2004-10-15		12.86
2004-10-05		12.71
2004-09-30		12.67
2004-09-20		12.53
2004-09-10		12.54
2004-09-01		12.51
2004-08-25		12.47
2004-08-15		12.49
2004-08-05		12.50
2004-08-03		12.48
2004-07-25		12.32
2004-07-15		12.44
2004-07-05		12.44
2004-06-29		12.40
2004-06-25		12.39
2004-06-15		12.41
2004-06-05		12.36
2004-05-30		12.34
2004-05-20		12.29
2004-05-10		12.25
2004-04-30		12.12
2004-04-25		12.06
2004-04-15		12.00
2004-04-05		12.05
2004-03-25		11.98
2004-03-20		12.08
2004-03-10		12.13
2004-02-26		12.22
2004-02-20		12.37
2004-02-10		12.37
2004-02-05		12.49
2004-01-25		12.29
2004-01-15		12.39
2004-01-05		12.30
2004-01-04		12.29
2003-12-03		11.97
2003-11-05		11.96

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
2003-10-30		11.94
2003-10-22		12.10
2003-10-15		12.12
2003-10-05		12.09
2003-09-29		12.11
2003-09-25		12.12
2003-09-15		12.16
2003-09-05		12.22
2003-08-25		12.28
2003-08-24		12.25
2003-08-15		12.30
2003-08-05		12.37
2003-07-30		12.30
2003-07-20		12.30
2003-07-10		12.21
2003-06-30		12.05
2003-06-25		11.96
2003-06-20		11.86
2003-06-10		11.67
2003-05-30		11.56
2003-05-25		11.51
2003-05-15		11.44
2003-05-05		11.44
2003-04-29		11.45
2003-04-25		11.41
2003-04-15		11.31
2003-04-05		11.29
2003-03-30		11.26
2003-03-20		11.15
2003-03-15		11.12
2003-03-05		10.91
2003-03-03		11.23
2003-02-20		10.98
2003-02-10		10.97
2003-01-31		10.87
2003-01-25		10.78
2003-01-15		10.89
2003-01-09		10.66
2003-01-05		10.57
2002-12-25		10.54
2002-12-15		10.42
2002-12-05		10.32
2002-11-30		10.23
2002-11-20		10.11
2002-11-10		10.05
2002-11-05		10.15
2002-10-25		10.07
2002-10-15		9.81
2002-10-05		9.51
2002-09-30		9.52
2002-09-20		9.49
2002-09-10		9.44
2002-08-30		9.13
2002-08-29		9.08
2002-08-20		9.15

Date	Feet below Surface	Feet to Sealevel
2003-10-25		11.94
2003-10-20		12.00
2003-10-10		12.03
2003-09-30		12.06
2003-09-28		12.16
2003-09-20		12.12
2003-09-10		12.14
2003-08-30		12.22
2003-08-25		12.27
2003-08-20		12.26
2003-08-10		12.32
2003-07-31		12.30
2003-07-25		12.30
2003-07-15		12.26
2003-07-05		12.15
2003-06-25		11.96
2003-06-24		11.94
2003-06-15		11.77
2003-06-05		11.61
2003-05-28		11.55
2003-05-20		11.48
2003-05-10		11.50
2003-04-30		11.41
2003-04-28		11.42
2003-04-20		11.35
2003-04-10		11.30
2003-03-31		10.87
2003-03-25		11.20
2003-03-18		11.18
2003-03-10		11.07
2003-03-04		11.00
2003-02-25		11.33
2003-02-15		10.88
2003-02-05		10.85
2003-01-30		10.82
2003-01-20		10.78
2003-01-10		10.65
2003-01-08		10.67
2002-12-30		10.45
2002-12-20		10.51
2002-12-10		10.36
2002-12-02		10.23
2002-11-25		10.17
2002-11-15		10.13
2002-11-06		10.03
2002-10-30		9.97
2002-10-20		9.92
2002-10-10		9.79
2002-10-02		9.58
2002-09-25		9.51
2002-09-15		9.46
2002-09-05		9.34
2002-08-30		9.11
2002-08-25		9.17
2002-08-15		9.14

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
2002-08-10		9.16
2002-07-30		9.28
2002-07-29		9.31
2002-07-20		9.28
2002-07-10		9.27
2002-06-30		9.19
2002-06-25		9.19
2002-06-15		9.16
2002-06-05		9.06
2002-05-25		8.96
2002-05-20		8.95
2002-05-10		8.86
2002-04-30		8.79
2002-04-20		8.73
2002-04-10		8.67
2002-03-30		8.62
2002-03-25		9.11
2002-03-15		9.05
2002-03-05		9.32
2002-02-21		9.14
2002-02-15		9.39
2002-02-05		9.38
2002-01-25		9.35
2002-01-15		9.34
2002-01-05		9.48
2001-12-25		9.44
2001-12-15		9.53
2001-12-05		9.64
2001-11-27		9.58
2001-11-20		9.66
2001-11-10		9.70
2001-10-30		9.71
2001-10-20		9.79
2001-10-11		9.81
2001-10-05		9.60
2001-09-25		9.58
2001-09-15		9.85
2001-09-05		9.89
2001-08-25		10.05
2001-08-15		10.11
2001-08-05		10.08
2001-07-30		10.07
2001-07-20		10.25
2001-07-10		10.17
2001-06-30		10.19
2001-06-21		10.12
2001-06-15		10.13
2001-06-05		10.03
2001-05-25		10.16
2001-05-17		10.07
2001-05-15		10.08
2001-05-05		10.02
2001-04-25		9.89
2001-04-15		9.79
2001-04-05		9.55

Date	Feet below Surface	Feet to Sealevel
2002-08-05		9.24
2002-07-30		9.28
2002-07-25		9.25
2002-07-15		9.28
2002-07-05		9.25
2002-06-27		9.22
2002-06-20		9.11
2002-06-10		9.10
2002-05-30		9.03
2002-05-22		8.95
2002-05-15		8.92
2002-05-05		8.79
2002-04-25		8.73
2002-04-15		8.73
2002-04-05		8.67
2002-03-28		8.95
2002-03-20		9.06
2002-03-10		9.12
2002-02-25		9.33
2002-02-20		9.28
2002-02-10		9.44
2002-01-30		9.36
2002-01-20		9.42
2002-01-10		9.30
2001-12-30		9.41
2001-12-20		9.32
2001-12-10		9.68
2001-11-30		9.54
2001-11-25		9.58
2001-11-15		9.67
2001-11-05		9.72
2001-10-25		9.83
2001-10-15		9.83
2001-10-10		9.86
2001-09-30		9.68
2001-09-20		9.77
2001-09-10		9.86
2001-08-30		9.95
2001-08-20		9.98
2001-08-10		10.07
2001-07-30		10.12
2001-07-25		10.2
2001-07-15		10.28
2001-07-05		10.25
2001-06-25		10.15
2001-06-20		10.1
2001-06-10		10
2001-05-30		10.02
2001-05-20		10.15
2001-05-16		10.09
2001-05-10		10.06
2001-04-30		9.98
2001-04-20		9.84
2001-04-10		9.66
2001-03-30		9.45

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
2001-03-25		9.36
2001-03-15		9.27
2001-03-05		9.3
2001-02-20		9.19
2001-02-10		9.2
2001-01-30		9.21
2001-01-20		9.2
2001-01-10		9.21
2000-12-30		9.34
2000-12-20		9.33
2000-12-10		9.35
2000-11-30		9.45
2000-11-21		9.52
2000-11-15		9.54
2000-11-05		9.62
2000-10-25		9.67
2000-10-20		9.68
2000-10-10		9.77
2000-09-30		9.73
2000-09-20		9.83
2000-09-10		9.79
2000-08-30		9.78
2000-08-20		9.73
2000-08-10		9.69
2000-07-30		9.62
2000-07-20		9.58
2000-07-10		9.59
2000-06-30		9.55
2000-06-20		9.49
2000-06-10		9.43
2000-05-30		9.31
2000-05-20		9.27
2000-05-10		9.24
2000-05-05		9.2
2000-04-25		9.11
2000-04-10		8.95
2000-03-30		8.91
2000-03-23		8.87
2000-03-15		8.8
2000-03-05		8.88
2000-02-20		8.86
2000-02-10		8.91
2000-01-30		8.88
2000-01-15		8.84
2000-01-05		8.92
1999-12-25		8.92
1999-12-15		8.96
1999-12-05		8.99
1999-11-25		9.02
1999-11-15		9.13
1999-11-05		9.03
1999-10-25		9.03
1999-10-15		9.03
1999-10-06		9.09
1999-07-16		9.48

Date	Feet below Surface	Feet to Sealevel
2001-03-20		9.24
2001-03-10		9.25
2001-02-25		9.19
2001-02-15		9.21
2001-02-05		9.2
2001-01-25		9.18
2001-01-15		9.2
2001-01-05		9.29
2000-12-25		9.26
2000-12-15		9.3
2000-12-05		9.45
2000-11-25		9.43
2000-11-20		9.51
2000-11-10		9.64
2000-10-30		9.66
2000-10-23		9.61
2000-10-15		9.74
2000-10-05		9.79
2000-09-25		9.81
2000-09-15		9.84
2000-09-05		9.75
2000-08-25		9.78
2000-08-15		9.72
2000-08-05		9.66
2000-07-25		9.52
2000-07-15		9.6
2000-07-05		9.58
2000-06-25		9.52
2000-06-15		9.48
2000-06-05		9.37
2000-05-25		9.34
2000-05-15		9.21
2000-05-10		9.26
2000-04-30		9.15
2000-04-20		9.05
2000-04-05		8.98
2000-03-25		8.93
2000-03-20		8.81
2000-03-10		8.83
2000-02-25		8.85
2000-02-15		8.88
2000-02-05		8.91
2000-01-25		9.02
2000-01-10		8.99
1999-12-30		8.98
1999-12-20		8.96
1999-12-10		9.02
1999-11-30		8.98
1999-11-20		9.05
1999-11-10		9.1
1999-10-30		9.01
1999-10-20		9.06
1999-10-10		9.1
1999-10-05		9.09
1999-03-31		9.54

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1998-10-05		10.34
1998-06-09		11.47
1998-04-29		11.25
1998-02-26		11.24
1997-12-29		11.53
1997-10-31		12.26
1997-07-22		12.75
1997-05-22		12.98
1997-02-28		12.57
1997-01-10		12.79
1996-07-03		12.13
1995-11-30		10.88
1995-07-20		10.90
1995-03-16		11.15
1994-12-21		11.03
1994-09-22		11.24
1994-07-25		11.53
1994-05-19		11.72
1994-03-24		11.00
1993-11-23		10.33
1993-09-21		10.57
1993-07-15		11.43
1993-05-19		12.11
1993-03-23		11.30
1993-01-27		11.39
1992-11-19		10.95
1992-09-17		11.10
1992-07-16		10.62
1992-05-13		10.77
1992-03-17		10.98
1992-01-22		11.22
1991-11-14		11.65
1991-09-17		12.01
1991-07-16		12.12
1991-05-15		12.24
1991-03-19		12.12
1991-01-29		11.87
1990-11-14		11.75
1990-09-14		11.89
1990-07-17		11.78
1990-05-24		11.41
1990-03-31		11.15
1990-01-30		11.39
1989-11-15		11.93
1989-10-04		11.81
1989-07-24		11.34
1989-05-18		9.69
1989-04-04		9.28
1989-01-18		9.41
1988-11-21		9.05
1988-09-19		9.04
1988-07-18		9.08
1988-04-26		9.03
1987-11-23		8.89
1987-09-30		8.90

Date	Feet below Surface	Feet to Sealevel
1998-07-14		11.32
1998-05-07		11.26
1998-03-25		11.17
1998-01-27		11.22
1997-11-26		11.01
1997-09-26		12.94
1997-06-23		12.99
1997-03-17		12.54
1997-01-29		12.60
1996-09-27		12.06
1996-01-30		11.13
1995-09-28		10.69
1995-05-24		10.99
1995-01-26		11.05
1994-10-26		11.20
1994-08-25		11.32
1994-06-29		11.79
1994-04-22		11.40
1993-12-28		10.33
1993-10-28		10.48
1993-08-24		10.87
1993-06-23		11.68
1993-04-28		12.06
1993-02-23		11.41
1992-12-30		11.20
1992-10-27		11.07
1992-08-26		10.92
1992-06-23		10.66
1992-04-15		10.75
1992-02-20		11.12
1991-12-18		11.47
1991-10-17		11.86
1991-08-16		11.91
1991-06-13		12.31
1991-04-16		12.14
1991-02-11		11.93
1990-12-11		11.76
1990-10-12		11.81
1990-08-17		11.82
1990-06-21		11.72
1990-04-23		11.18
1990-02-22		11.29
1989-12-20		11.71
1989-11-02		11.82
1989-08-23		11.67
1989-06-21		10.72
1989-04-27		9.49
1989-02-10		9.33
1988-12-12		9.22
1988-10-18		9.02
1988-08-22		9.03
1988-06-29		9.15
1988-03-31		9.13
1987-10-29		8.88
1987-08-25		8.88

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1987-07-29		9.06	1987-06-24		9.24
1987-05-26		9.22	1987-04-30		9.15
1987-03-26		9.07	1986-12-17		7.71
1986-11-26		7.52	1986-10-29		7.39
1986-10-01		7.34	1986-08-21		7.06
1986-07-24		6.96	1986-06-30		7.13
1986-05-19		7.31	1986-04-22		7.39
1986-04-02		7.33	1986-02-28		7.10
1986-01-16		6.85	1985-12-17		6.73
1985-11-18		6.61	1985-10-23		6.53
1985-09-25		6.47	1985-08-21		6.60
1985-07-25		6.54	1985-06-20		6.62
1985-05-20		7.23	1985-04-22		7.62
1985-03-22		8.08	1985-02-21		8.42
1985-01-30		8.72	1984-12-19		8.82
1984-11-26		8.91	1984-10-23		7.72
1984-09-24		9.20	1984-08-27		9.34
1984-07-23		8.12	1984-06-20		8.22
1984-05-23		7.36	1984-04-23		6.92
1984-03-28		6.36	1984-03-02		6.08

A5
NNE **FED USGS** **USGS2119062**
1/4 - 1/2 Mile
Higher

Agency cd:	USGS	Site no:	404113073501101
Site name:	Q 1484. 1		
Latitude:	404113	EDR Site id:	USGS2119062
Longitude:	0735011	Dec lat:	40.68704761
Dec lon:	-73.83596805	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QK1333	Map scale:	Not Reported
Altitude:	44.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	145.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

Peak flow data count:	0	Water quality data begin date:	1970-07-16
Water quality data end date:	1970-07-16	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

A6
NNE **FED USGS** **USGS2119063**
1/4 - 1/2 Mile
Higher

Agency cd:	USGS	Site no:	404113073501102
Site name:	Q 1254. 1		
Latitude:	404113	EDR Site id:	USGS2119063
Longitude:	0735011	Dec lat:	40.68704761
Dec lon:	-73.83596805	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QK1333	Map scale:	Not Reported
Altitude:	56.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	65.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1940-10-26	Ground water data end date:	1998-03-25
Ground water data count:	497		

Ground-water levels, Number of Measurements: 497

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1998-03-25		11.78	1997-03-17		12.84
1996-03-11		11.21	1995-03-16		11.53
1994-03-24		12.97	1993-03-23		13.43
1992-07-28		11.05	1992-03-17		11.63
1991-03-19		11.67	1990-03-31		11.09
1989-04-12		7.96	1988-06-13		17.53
1983-07-25		5.47			
Note: Well was plugged and not in hydraulic contact with formation..					
1983-06-21		5.54	1983-05-23		4.95
1983-04-21		5.14	1983-03-22		3.56

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1983-02-25		3.50
1983-01-04		3.57
1982-10-20		3.80
1982-08-19		3.54
1982-06-23		4.19
1982-04-22		4.24
1982-01-25		3.74
1981-11-24		3.83
1981-09-21		3.69
1981-07-20		4.11
1981-05-21		4.54
1981-03-23		5.30
1981-01-26		5.66
1980-11-24		6.16
1980-09-22		6.25
1980-07-21		5.74
1980-05-21		5.94
1980-03-21		5.70
1980-01-30		5.99
1979-12-18		6.44
1979-10-22		6.60
1979-08-27		6.48
1979-06-21		6.65
1979-04-25		6.24
1979-02-28		6.14
1978-12-18		5.74
1978-10-25		5.64
1978-08-30		5.75
1978-06-22		6.18
1978-04-28		5.94
1978-02-23		4.87
1978-01-03		4.80
1977-10-25		4.67
1977-08-29		4.39
1977-05-23		4.54
1977-03-21		4.84
1977-01-31		4.77
1976-11-26		4.62
1976-09-27		4.81
1976-07-26		4.55
1976-05-26		4.98
1976-03-29		5.04
1976-01-29		4.73
1975-11-25		4.45
1975-09-30		3.53
1975-07-28		3.81
1975-06-02		2.71
1975-03-20		2.25
1975-02-03		1.48
1974-11-27		1.65
1974-10-29		2.55
1974-09-09		0.89
1974-03-21		-0.99
1973-04-04		-2.40
1972-10-10		-8.96

Date	Feet below Surface	Feet to Sealevel
1983-01-24		3.54
1982-12-06		3.54
1982-09-20		3.44
1982-07-21		3.71
1982-05-18		3.84
1982-02-24		4.44
1981-12-21		4.14
1981-10-27		3.58
1981-08-24		4.04
1981-06-22		4.24
1981-04-21		5.84
1981-02-25		5.64
1980-12-24		5.81
1980-10-21		6.59
1980-08-21		6.42
1980-06-20		6.39
1980-04-22		5.84
1980-02-25		5.73
1980-01-22		6.13
1979-11-23		6.74
1979-09-25		6.37
1979-07-23		6.66
1979-05-21		6.04
1979-03-19		6.05
1979-01-29		5.67
1978-11-24		5.84
1978-09-27		5.80
1978-07-21		5.82
1978-05-24		5.73
1978-03-28		5.41
1978-01-30		4.69
1977-11-25		3.97
1977-09-27		3.78
1977-06-24		4.44
1977-04-27		4.23
1977-02-22		4.64
1976-12-28		5.09
1976-11-04		5.07
1976-08-25		4.50
1976-06-28		4.79
1976-04-22		4.89
1976-02-25		5.34
1975-12-29		4.27
1975-11-05		4.44
1975-09-02		3.41
1975-06-25		3.85
1975-04-29		2.44
1975-02-27		1.74
1974-12-20		2.04
1974-11-07		1.07
1974-09-25		0.26
1974-06-25		-0.10
1973-06-25		-1.80
1972-12-21		-3.75
1972-06-16		-8.77

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1972-03-21		-9.19
1971-09-28		-9.32
1971-04-19		-9.96
1971-02-09		-8.88
1970-04-30		-9.75
1970-01-28		-9.62
1969-09-02		-10.96
1969-06-26		-10.68
1969-05-01		-10.52
1969-02-28		-9.68
1968-12-30		-9.56
1968-10-30		-9.85
1968-09-04		-10.10
1968-07-02		-10.02
1968-05-01		-10.09
1968-03-19		-9.25
1968-02-01		-8.59
1967-12-01		-9.08
1967-10-03		-9.59
1967-07-31		-9.53
1967-05-31		-9.39
1967-04-03		-10.07
1967-01-27		-10.36
1966-11-28		-10.64
1966-09-30		-11.03
1966-07-28		-11.04
1966-05-31		-9.80
1966-03-31		-9.29
1966-02-01		-9.20
1965-12-03		-9.05
1965-10-05		-9.38
1965-07-22		-9.63
1965-05-27		-9.36
1965-04-02		-9.24
1965-02-01		-8.32
1964-12-02		-8.81
1964-10-01		-8.79
1964-07-28		-8.93
1964-06-02		-8.24
1964-03-31		-8.11
1964-01-28		-7.58
1963-12-03		-8.25
1963-10-03		-8.63
1963-07-31		-8.65
1963-05-28		-7.35
1963-03-29		-7.15
1963-01-29		-7.36
1962-12-03		-6.48
1962-10-03		-7.51
1962-07-31		-8.08
1962-05-29		-7.63
1962-03-27		-7.83
1962-02-01		-7.19
1961-12-29		-6.95
1961-10-31		-6.80

Date	Feet below Surface	Feet to Sealevel
1972-01-03		-9.33
1971-08-06		-10.43
1971-03-08		-9.62
1970-11-04		-9.91
1970-02-27		-9.79
1969-11-03		-9.86
1969-08-04		-10.34
1969-05-28		-11.04
1969-03-28		-10.72
1969-01-31		-10.22
1968-12-03		-10.28
1968-10-01		-10.26
1968-07-31		-10.04
1968-06-03		-9.61
1968-03-28		-9.42
1968-02-29		-9.60
1968-01-02		-8.69
1967-10-31		-9.20
1967-08-31		-9.56
1967-07-05		-9.43
1967-05-02		-10.18
1967-03-01		-9.79
1967-01-03		-10.16
1966-10-31		-10.87
1966-09-02		-11.29
1966-07-01		-10.56
1966-04-29		-9.51
1966-03-02		-9.36
1966-01-04		-9.10
1965-11-03		-9.27
1965-09-01		-9.29
1965-07-01		-9.56
1965-04-29		-9.23
1965-03-01		-8.68
1964-12-30		-8.31
1964-11-02		-8.82
1964-08-28		-9.21
1964-07-02		-8.89
1964-05-01		-8.64
1964-03-04		-6.75
1964-01-03		-8.05
1963-10-25		-8.49
1963-08-29		-8.44
1963-06-26		-8.06
1963-05-01		-7.31
1963-03-04		-7.42
1963-01-03		-7.13
1962-10-31		-6.30
1962-08-29		-7.75
1962-07-02		-8.35
1962-04-27		-7.80
1962-03-01		-7.21
1962-01-05		-7.10
1961-11-28		-7.20
1961-09-29		-7.38

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1961-08-29		-6.83
1961-06-27		-6.67
1961-04-26		-7.80
1961-02-28		-8.12
1960-11-29		-7.81
1960-09-27		-8.48
1960-07-26		-9.26
1959-10-27		-9.80
1959-09-18		-7.80
1957-12-23		-7.63
1956-01-20		-5.26
1954-06-28		-5.74
1954-04-26		-5.17
1954-02-23		-3.23
1953-12-19		-3.55
1953-11-02		-4.52
1953-08-26		-2.72
1953-06-30		-2.44
1953-05-27		-3.75
1953-03-26		-2.29
1953-02-11		-2.72
1952-12-08		-1.68
1952-09-24		-1.13
1952-07-28		-1.32
1952-05-27		-2.21
1952-03-23		-4.51
1952-01-31		-3.04
1951-11-29		-1.93
1951-10-04		-3.16
1951-08-29		-2.23
1951-06-26		-4.53
1951-04-26		-4.98
1951-02-26		-5.14
1950-12-19		-3.61
1950-10-31		-3.84
1950-08-29		-3.64
1950-06-27		-3.55
1950-04-26		-2.21
1950-02-27		-3.94
1949-12-28		-4.40
1949-10-27		-4.75
1949-08-26		-3.74
1949-06-30		-4.44
1949-04-27		-3.89
1949-02-23		-1.96
1948-12-31		-2.14
1948-11-02		-1.97
1948-08-30		-1.57
1948-06-28		-2.28
1948-04-27		-2.65
1948-03-03		-2.93
1948-01-06		-3.04
1947-11-03		-3.25
1947-09-02		-3.00
1947-07-11		-2.67

Date	Feet below Surface	Feet to Sealevel
1961-07-29		-6.93
1961-05-29		-7.12
1961-03-27		-7.93
1961-01-30		-7.97
1960-11-01		-8.66
1960-08-30		-8.51
1960-01-06		-9.85
1959-10-15		-9.90
1959-03-24		-7.36
1956-12-18		-6.46
1954-12-30		-6.81
1954-05-24		-5.48
1954-03-24		-3.61
1954-01-25		-3.75
1953-11-24		-3.89
1953-10-01		-2.83
1953-08-19		-2.73
1953-06-24		-3.33
1953-04-28		-3.81
1953-03-02		-3.35
1952-12-29		-2.38
1952-11-07		-2.23
1952-08-27		-1.16
1952-06-24		-1.61
1952-04-30		-4.09
1952-02-21		-4.62
1951-12-21		-4.35
1951-10-31		-2.23
1951-09-27		-2.42
1951-07-25		-4.16
1951-05-31		-4.68
1951-03-28		-5.20
1951-01-31		-5.34
1950-11-28		-3.16
1950-09-25		-3.76
1950-07-25		-3.34
1950-05-25		-2.14
1950-03-28		-2.32
1950-01-25		-2.43
1949-11-29		-5.28
1949-09-29		-4.90
1949-07-27		-4.67
1949-05-31		-4.26
1949-03-28		-1.58
1949-01-25		-2.07
1948-12-09		-2.00
1948-09-28		-1.97
1948-07-27		-1.76
1948-06-02		-2.30
1948-03-25		-3.01
1948-02-10		-2.86
1947-11-25		-3.25
1947-10-08		-3.26
1947-07-30		-2.74
1947-07-03		-2.57

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1947-07-02		-2.56
1947-06-30		-2.59
1947-05-26		-2.60
1947-04-03		-2.68
1947-01-27		-2.24
1946-11-25		-1.87
1946-09-27		-1.50
1946-07-31		-1.16
1946-06-17		-1.42
1946-04-16		-1.51
1946-02-13		-1.39
1945-12-04		-1.58
1945-10-09		-1.35
1945-08-08		-1.23
1945-06-06		-1.18
1945-04-03		-1.04
1945-01-03		-0.99
1944-11-03		-1.20
1944-09-01		-1.09
1944-07-03		-0.34
1944-04-25		-0.53
1944-03-07		-0.26
1944-01-01		-0.50
1943-09-25		-1.31
1943-07-31		-1.09
1943-05-29		-0.49
1943-03-27		-0.77
1943-01-30		-0.95
1942-12-26		-1.21
1942-12-12		-1.35
1942-11-28		-1.41
1942-11-14		-1.58
1942-06-20		-2.24
1942-06-06		-2.10
1942-05-23		-1.94
1942-05-09		-1.93
1942-04-25		-1.96
1942-04-11		-2.13
1942-03-28		-2.13
1942-03-14		-2.09
1942-02-28		-2.04
1942-02-14		-1.97
1942-01-31		-1.89
1942-01-17		-1.84
1942-01-03		-1.74
1941-12-20		-1.70
1941-12-06		-1.65
1941-11-22		-1.58
1941-11-08		-1.52
1941-10-25		-1.51
1941-10-11		-1.52
1941-09-27		-1.43
1941-09-13		-1.26
1941-08-30		-1.12
1941-08-16		-0.98

Date	Feet below Surface	Feet to Sealevel
1947-07-01		-2.58
1947-06-26		-2.59
1947-05-06		-2.72
1947-03-06		-2.46
1946-12-30		-2.02
1946-10-23		-1.67
1946-08-29		-1.34
1946-07-05		-1.17
1946-05-09		-1.58
1946-03-15		-1.39
1946-01-10		-1.62
1945-11-02		-1.46
1945-09-13		-1.26
1945-07-04		-1.28
1945-04-27		-1.11
1945-03-05		-0.99
1944-12-05		-1.26
1944-10-05		-1.26
1944-08-01		-0.74
1944-06-03		-0.05
1944-03-29		-0.77
1944-01-29		-0.39
1943-11-27		-0.75
1943-08-28		-1.23
1943-06-26		-0.76
1943-05-01		-0.47
1943-02-27		-0.91
1943-01-02		-1.17
1942-12-19		-1.24
1942-12-05		-1.37
1942-11-21		-1.47
1942-11-07		-1.68
1942-06-13		-2.19
1942-05-30		-1.99
1942-05-16		-1.92
1942-05-02		-1.91
1942-04-18		-2.09
1942-04-04		-2.13
1942-03-21		-2.11
1942-03-07		-2.05
1942-02-21		-1.99
1942-02-07		-1.94
1942-01-24		-1.86
1942-01-10		-1.82
1941-12-27		-1.71
1941-12-13		-1.66
1941-11-29		-1.60
1941-11-15		-1.55
1941-11-01		-1.52
1941-10-18		-1.49
1941-10-04		-1.49
1941-09-20		-1.33
1941-09-06		-1.18
1941-08-23		-1.05
1941-08-09		-0.89

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1941-08-02		-0.84	1941-07-26		-0.75
1941-07-19		-0.68	1941-07-12		-0.63
1941-07-05		-0.57	1941-06-28		-0.49
1941-06-21		-0.38	1941-06-14		-0.31
1941-06-07		-0.22	1941-05-31		-0.11
1941-05-24		0.01	1941-05-17		0.16
1941-05-10		0.20	1941-05-03		0.23
1941-04-26		0.26	1941-04-12		0.29
1941-04-05		0.29	1941-03-29		0.26
1941-03-22		0.23	1941-03-15		0.19
1941-03-08		0.13	1941-03-01		0.10
1941-02-22		0.04	1941-02-15		-0.01
1941-02-08		-0.07	1941-02-01		-0.09
1941-01-25		-0.08	1941-01-18		-0.05
1941-01-11		-0.11	1941-01-04		-0.14
1940-12-28		-0.17	1940-12-21		-0.20
1940-12-14		-0.25	1940-12-07		-0.29
1940-11-30		-0.38	1940-11-23		-0.52
1940-11-16		-0.54	1940-11-09		-0.52
1940-11-02		-0.51	1940-10-26		-0.49

7
ESE **FED USGS** **USGS2119261**
1/4 - 1/2 Mile
Lower

Agency cd:	USGS	Site no:	404041073495601
Site name:	Q 1476. 1		
Latitude:	404041	EDR Site id:	USGS2119261
Longitude:	0734956	Dec lat:	40.67815889
Dec lon:	-73.83180126	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QK1357	Map scale:	Not Reported
Altitude:	35.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	147.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

Peak flow data count:	0	Water quality data begin date:	1970-07-16
Water quality data end date:	1970-07-16	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

8
ENE **FED USGS** **USGS2119014**
1/2 - 1 Mile
Higher

Agency cd:	USGS	Site no:	404107073494801
Site name:	Q 1282. 1		
Latitude:	404107	EDR Site id:	USGS2119014
Longitude:	0734948	Dec lat:	40.68538098
Dec lon:	-73.82957898	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QK1364	Map scale:	Not Reported
Altitude:	40.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	51.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1933-01-31	Ground water data end date:	1975-12-15
Ground water data count:	289		

Ground-water levels, Number of Measurements: 289

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1975-12-15		28.66	1975-10-06		27.30
1975-07-01		9.50	1975-03-25		7.27
1974-12-18		4.34	1974-10-01		2.94
1974-09-03		2.10	1974-04-02		0.83
1973-04-06		-0.38	1972-06-16		-2.99
1972-03-29		-3.32	1971-03-08		-3.50
1969-03-18		-4.55	1968-03-19		-4.38
1967-03-20		-4.53	1966-04-20		-4.04
1965-09-14		-3.98	1965-06-07		-3.96
1964-11-18		-4.23	1964-02-14		-4.44

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1962-11-08		-4.62
1961-12-29		-4.93
1960-07-18		-4.24
1959-03-19		-0.95
1956-12-18		-1.23
1954-12-30		-2.15
1954-05-24		-1.20
1954-03-24		-0.87
1954-01-25		-0.67
1953-11-24		0.48
1953-10-01		-0.62
1953-08-19		-0.34
1953-06-24		0.18
1953-04-28		0.01
1953-03-02		-0.19
1952-12-29		0.15
1952-11-07		0.42
1952-08-27		0.80
1952-06-24		0.56
1952-04-30		0.29
1952-02-21		-0.24
1951-12-21		0.06
1951-10-31		0.08
1951-09-27		2.57
1951-07-25		2.59
1951-05-31		2.62
1951-03-28		2.68
1951-01-31		2.74
1950-11-28		2.59
1950-09-25		2.20
1950-08-17		2.28
1950-06-27		2.34
1950-04-26		2.02
1950-02-27		2.14
1949-12-28		2.30
1949-10-27		2.36
1949-08-26		1.80
1949-06-30		1.39
1949-04-27		1.44
1949-02-23		1.96
1949-01-07		3.40
1948-11-02		0.38
1948-08-30		0.44
1948-06-28		0.14
1948-05-06		0.21
1948-03-02		-0.36
1948-01-06		-0.72
1947-11-03		-0.38
1947-09-02		-0.30
1947-07-11		-0.20
1947-06-26		-0.17
1947-05-06		-0.29
1947-03-14		0.19
1946-11-25		0.90
1946-09-27		1.15

Date	Feet below Surface	Feet to Sealevel
1962-05-01		-4.68
1961-01-10		-5.00
1960-01-06		-3.16
1958-01-29		-0.81
1956-02-13		-1.80
1954-06-28		-1.53
1954-04-26		-1.02
1954-02-23		-0.77
1953-12-19		-0.16
1953-11-02		2.44
1953-08-26		-0.46
1953-07-30		-0.13
1953-05-27		0.14
1953-03-26		-0.27
1953-02-11		-0.17
1952-12-08		0.45
1952-09-24		0.84
1952-07-28		0.83
1952-05-27		0.42
1952-03-24		0.02
1952-01-31		-0.27
1951-11-29		0.20
1951-10-12		2.51
1951-08-28		2.59
1951-06-26		2.61
1951-04-26		2.67
1951-02-26		2.71
1950-12-19		2.77
1950-10-31		2.18
1950-08-29		2.24
1950-07-25		2.32
1950-05-25		2.16
1950-03-28		2.06
1950-01-25		2.22
1949-11-29		2.37
1949-09-30		2.53
1949-07-27		1.22
1949-05-31		1.56
1949-03-28		1.67
1949-01-25		2.58
1948-12-09		0.16
1948-09-28		0.58
1948-07-29		0.15
1948-06-02		0.32
1948-03-25		-0.13
1948-02-10		-0.14
1947-11-26		-0.51
1947-10-08		0.10
1947-07-30		-0.28
1947-06-30		0.33
1947-05-26		-0.25
1947-04-03		-0.16
1946-12-30		0.52
1946-10-23		1.04
1946-08-29		1.29

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1946-07-29		1.43
1946-06-17		1.25
1946-04-16		1.62
1946-02-14		1.02
1945-12-04		1.09
1945-10-09		1.35
1945-08-08		1.40
1945-06-06		1.44
1945-04-03		1.49
1945-01-03		1.39
1944-11-03		1.23
1944-09-01		1.28
1944-07-03		1.99
1944-04-25		1.72
1944-03-05		1.83
1944-01-01		1.72
1943-09-25		1.27
1943-06-26		1.80
1943-05-01		1.82
1943-02-27		1.30
1943-01-02		1.09
1942-12-12		1.04
1942-11-28		1.04
1942-11-14		0.99
1942-10-31		0.98
1942-10-17		1.05
1942-10-03		0.88
1942-09-19		0.81
1942-09-05		0.62
1942-08-22		0.45
1942-08-08		0.39
1942-07-25		0.36
1942-07-11		0.36
1942-06-27		0.43
1942-06-13		0.52
1942-05-30		0.59
1942-05-16		0.56
1942-05-02		0.52
1942-04-18		0.42
1942-04-04		0.33
1942-03-14		0.23
1942-02-28		0.37
1942-02-14		0.37
1942-01-31		0.46
1942-01-17		0.51
1942-01-03		0.55
1941-12-20		0.62
1941-12-06		0.92
1941-11-22		0.73
1941-11-08		0.88
1941-10-25		0.86
1941-10-11		0.95
1941-09-27		1.04
1941-09-13		1.22
1941-08-23		1.44

Date	Feet below Surface	Feet to Sealevel
1946-07-05		1.44
1946-05-03		1.16
1946-03-15		1.28
1946-01-10		1.10
1945-11-02		1.18
1945-09-13		1.38
1945-07-04		1.27
1945-04-27		1.52
1945-03-05		1.45
1944-12-05		1.22
1944-10-05		1.17
1944-08-01		1.61
1944-06-03		2.08
1944-03-29		1.64
1944-01-29		1.78
1943-11-27		1.45
1943-08-28		1.28
1943-05-29		1.89
1943-03-27		1.92
1943-01-30		1.31
1942-12-26		1.05
1942-12-05		1.06
1942-11-21		1.01
1942-11-07		0.98
1942-10-24		1.06
1942-10-10		0.92
1942-09-26		0.85
1942-09-12		0.69
1942-08-29		0.62
1942-08-15		0.41
1942-08-01		0.34
1942-07-18		0.34
1942-07-04		0.55
1942-06-20		0.49
1942-06-06		0.53
1942-05-23		0.56
1942-05-09		0.53
1942-04-25		0.48
1942-04-11		0.32
1942-03-28		0.26
1942-03-07		0.35
1942-02-21		0.35
1942-02-07		0.52
1942-01-24		0.49
1942-01-10		0.51
1941-12-27		0.59
1941-12-13		0.89
1941-11-29		0.78
1941-11-15		0.75
1941-11-01		0.89
1941-10-18		0.87
1941-10-04		1.00
1941-09-20		1.15
1941-08-30		1.40
1941-08-16		1.49

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1941-08-09		1.59	1941-08-02		1.65
1941-07-26		1.72	1941-07-19		1.76
1941-07-12		1.84	1941-07-05		1.91
1941-06-28		1.99	1941-06-21		2.15
1941-06-14		2.14	1941-06-07		2.16
1941-05-31		2.23	1941-05-24		2.31
1941-05-17		2.38	1941-05-10		2.49
1941-05-03		2.36	1939-12-19		2.09
1937-06-21		2.10	1937-03-23		2.13
1936-12-28		1.12	1936-09-29		0.82
1936-08-03		1.23	1936-05-19		1.59
1936-03-10		0.69	1935-12-11		0.59
1935-09-16		1.00	1935-07-02		1.98
1935-05-29		2.15	1935-02-20		2.07
1935-01-11		2.30	1934-12-06		2.39
1934-10-08		1.82	1934-09-21		1.37
1934-08-27		1.21	1934-07-26		1.42
1934-06-12		1.79	1934-04-17		1.77
1934-03-23		1.49	1934-01-09		1.44
1933-12-12		1.82	1933-11-21		1.75
1933-11-01		1.89	1933-09-27		1.37
1933-08-29		1.54	1933-07-25		2.00
1933-06-28		1.92	1933-05-23		1.50
1933-04-20		0.94	1933-03-03		0.45
1933-01-31		0.17			

9
NNW **FED USGS** **USGS2118888**
1/2 - 1 Mile
Higher

Agency cd:	USGS	Site no:	404122073503301
Site name:	Q 355. 1		
Latitude:	404122	EDR Site id:	USGS2118888
Longitude:	0735033	Dec lat:	40.68954756
Dec lon:	-73.84207933	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QK1301	Map scale:	Not Reported
Altitude:	45.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	114.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

Peak flow data count:	0	Water quality data begin date:	1970-07-16
Water quality data end date:	1970-07-16	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

B10
WNW
1/2 - 1 Mile
Lower

FED USGS **USGS2119202**

Agency cd:	USGS	Site no:	404101073510201
Site name:	Q 353. 1		
Latitude:	404101	EDR Site id:	USGS2119202
Longitude:	0735102	Dec lat:	40.68371432
Dec lon:	-73.85013512	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QJ1374	Map scale:	Not Reported
Altitude:	28.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	90	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1970-07-16
Water quality data end date:	1970-07-16	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

B11
WNW
1/2 - 1 Mile
Lower

FED USGS **USGS2119206**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	404102073510301
Site name:	Q 1267. 1		
Latitude:	404102	EDR Site id:	USGS2119206
Longitude:	0735103	Dec lat:	40.6839921
Dec lon:	-73.8504129	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QJ1374	Map scale:	Not Reported
Altitude:	20.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	116.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1949-12-28	Ground water data end date:	1974-04-02
Ground water data count:	79		

Ground-water levels, Number of Measurements: 79

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1974-04-02		3.63	1973-04-06		0.80
1972-06-16		-3.61	1972-03-29		-4.35
1971-03-08		-4.40	1970-02-27		-4.71
1969-03-18		-4.50	1968-03-19		-4.40
1967-03-20		-4.87	1966-04-20		-4.71
1965-09-14		-4.31	1965-06-07		-3.99
1964-11-18		-4.28	1964-02-14		-3.67
1962-11-08		-3.11	1962-04-27		-2.16
1961-12-29		-2.61	1961-01-10		-3.32
1960-01-07		-4.73	1959-03-17		-3.74
1958-01-29		-3.95	1957-03-14		-2.80
1954-12-27		-2.46	1954-06-28		-2.59
1954-05-24		-2.42	1954-04-27		-2.33
1954-03-24		-2.12	1954-02-24		-2.02
1954-01-25		-1.86	1953-12-19		-1.82
1953-11-24		-1.87	1953-10-01		-1.92
1953-08-26		-1.70	1953-08-18		-1.62
1953-07-30		-1.55	1953-06-24		-1.41
1953-05-27		-1.19	1953-04-28		-1.16
1953-03-26		-1.33	1953-02-27		-1.41
1953-02-13		-1.48	1952-12-29		-1.68
1952-12-08		-1.77	1952-11-07		-1.65

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1952-09-24		-1.50	1952-08-25		-1.37
1952-07-28		-1.43	1952-06-24		-1.13
1952-05-27		-1.33	1952-04-30		-1.52
1952-03-23		-1.67	1952-02-20		-1.71
1952-01-31		-1.48	1951-12-21		-1.72
1951-11-30		-2.06	1951-10-31		-2.36
1951-09-27		-2.46	1951-08-29		-2.34
1951-07-25		-2.43	1951-06-26		-2.27
1951-05-31		-2.22	1951-05-01		-2.35
1951-03-27		-2.62	1951-02-26		-2.87
1951-01-30		-3.01	1950-12-19		-2.95
1950-11-28		-2.95	1950-10-30		-2.98
1950-09-25		-2.87	1950-08-29		-2.79
1950-07-25		-2.65	1950-06-27		-2.52
1950-06-08		-2.37	1950-05-25		-2.28
1950-04-26		-1.94	1950-03-28		-1.95
1950-03-01		-2.12	1950-01-24		-2.48
1949-12-28		-2.63			

12
SSE **FED USGS** **USGS2119539**
1/2 - 1 Mile
Higher

Agency cd:	USGS	Site no:	404020073500601
Site name:	Q 350. 1		
Latitude:	404020	EDR Site id:	USGS2119539
Longitude:	0735007	Dec lat:	40.67232566
Dec lon:	-73.8348569	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QK1430	Map scale:	Not Reported
Altitude:	33.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	JAMECO AQUIFER		
Well depth:	223.	Hole depth:	655.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1937-03-17	Ground water data end date:	1959-12-01
Ground water data count:	395		

Ground-water levels, Number of Measurements: 395

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1959-12-01		0.28	1959-11-04		-0.20
1959-10-06		-1.54	1959-07-31		-1.71
1959-06-30		-1.73	1959-05-28		-1.36
1959-03-26		-0.06	1959-03-02		0.18
1959-01-28		0.69	1959-01-13		0.83
1958-08-26		0.64	1958-07-25		0.92
1958-06-27		1.10	1958-05-27		1.09
1958-04-30		-0.65	1958-04-01		0.40
1958-03-04		-0.20	1958-01-24		-0.48
1957-12-23		-0.68	1957-11-22		-0.66
1957-10-29		-0.55	1957-09-25		-0.41
1957-08-23		-0.18	1957-07-24		0.12
1957-06-27		0.34	1957-05-28		0.63
1957-04-24		0.71	1957-03-26		0.25
1957-02-26		0.37	1957-01-24		0.47
1956-12-20		0.73	1956-11-30		0.62
1956-10-26		0.47	1956-10-01		0.57
1956-08-31		0.77	1956-07-31		1.04
1956-06-29		1.24	1956-06-01		1.49
1956-05-03		1.74	1956-03-05		1.03
1956-02-07		0.99	1955-12-23		1.34
1955-11-07		1.71	1955-10-05		1.54
1955-08-26		2.15	1955-07-28		0.27
1955-06-23		0.68	1955-05-24		0.88
1955-04-26		0.81	1955-03-29		0.65
1955-02-25		0.79	1955-01-24		1.01
1954-12-30		0.99	1954-12-01		0.97
1954-10-27		0.64	1954-09-22		0.78
1954-08-24		-0.23	1954-07-27		0.13
1954-06-28		0.41	1954-05-24		0.83
1954-04-27		0.76	1954-03-24		0.86
1954-02-24		0.93	1954-01-25		1.15
1953-12-19		1.40	1953-11-24		1.38
1953-10-01		1.06	1953-08-26		1.48
1953-08-18		1.55	1953-07-30		1.59
1953-06-24		1.92	1953-05-27		2.54
1953-04-30		2.61	1953-03-26		2.32
1953-02-27		1.76	1953-02-13		1.70
1952-12-29		1.57	1952-12-08		1.53
1952-11-07		1.47	1952-09-24		1.74
1952-08-25		2.03	1952-07-28		1.83
1952-06-24		2.07	1952-05-27		2.32
1952-04-30		2.13	1952-03-24		2.01
1952-02-21		1.75	1952-01-31		1.52
1951-12-21		1.97	1951-11-29		1.84
1951-10-31		1.43	1951-09-25		1.24
1951-08-27		1.52	1951-07-25		1.32
1951-06-27		1.58	1951-05-31		1.77
1951-05-01		1.65	1951-03-27		1.48
1947-05-26		0.61	1947-05-06		0.62
1947-04-03		0.16	1947-03-04		0.19
1947-01-28		0.26	1946-12-31		0.42
1946-11-25		0.70	1946-10-23		0.83
1946-09-26		0.84	1946-08-29		0.94
1946-07-30		0.88	1946-07-09		1.09

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1946-06-07		1.08
1946-04-12		0.82
1946-02-14		1.20
1945-12-05		1.08
1945-10-09		0.95
1945-08-07		0.49
1945-06-06		0.80
1945-04-03		0.99
1945-01-27		1.04
1944-12-04		1.54
1944-10-04		-1.05
1944-08-01		-0.13
1944-06-03		0.61
1944-03-29		-0.18
1944-01-29		0.39
1943-11-27		0.63
1943-09-25		0.66
1943-07-31		0.28
1943-05-29		0.43
1943-03-27		0.24
1943-01-30		-0.06
1942-12-26		-0.14
1942-12-12		0.03
1942-11-28		0.02
1942-11-14		0.13
1942-10-31		0.64
1942-10-17		0.64
1942-10-03		0.58
1942-09-19		0.39
1942-09-05		0.36
1942-08-22		0.11
1942-08-07		-0.85
1941-05-17		0.18
1941-05-03		-0.05
1941-04-19		0.33
1941-04-05		0.60
1941-03-22		0.60
1941-03-08		0.70
1941-02-22		0.38
1941-02-08		0.64
1941-01-25		0.05
1941-01-11		0.00
1940-12-28		-0.10
1940-12-14		-0.06
1940-11-30		0.30
1940-11-16		0.73
1940-11-02		0.53
1940-10-19		0.22
1940-10-05		0.67
1940-09-21		-0.15
1940-09-07		0.47
1940-08-24		0.47
1940-08-10		0.31
1940-07-27		0.34
1940-07-13		0.72

Date	Feet below Surface	Feet to Sealevel
1946-05-03		-0.11
1946-03-08		0.91
1946-01-11		1.18
1945-11-02		0.94
1945-09-13		0.41
1945-07-03		-0.34
1945-04-27		0.81
1945-03-03		1.06
1945-01-03		1.42
1944-10-27		1.13
1944-09-01		-0.36
1944-07-04		0.37
1944-04-25		0.74
1944-02-28		-0.49
1944-01-01		0.28
1943-10-30		0.73
1943-08-28		-0.27
1943-06-26		-0.52
1943-05-01		0.37
1943-02-27		-0.01
1943-01-02		-0.10
1942-12-19		0.08
1942-12-05		0.03
1942-11-21		-0.22
1942-11-07		0.43
1942-10-24		0.72
1942-10-10		0.52
1942-09-26		0.38
1942-09-12		0.36
1942-08-29		0.30
1942-08-15		-0.02
1942-08-01		-0.29
1941-05-10		0.20
1941-04-26		0.24
1941-04-12		0.01
1941-03-29		0.63
1941-03-15		0.65
1941-03-01		0.51
1941-02-15		0.77
1941-02-01		0.11
1941-01-18		0.09
1941-01-04		0.11
1940-12-21		0.04
1940-12-07		0.01
1940-11-23		0.12
1940-11-09		0.68
1940-10-26		0.43
1940-10-12		0.74
1940-09-28		0.50
1940-09-14		0.32
1940-08-31		0.78
1940-08-17		-0.05
1940-08-03		0.10
1940-07-20		0.34
1940-07-06		0.72

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1940-06-29		0.97
1940-06-15		-0.04
1940-06-01		1.04
1940-05-18		0.54
1940-05-04		0.57
1940-04-20		0.80
1940-04-06		0.81
1940-03-23		0.81
1940-03-09		0.65
1940-02-24		0.47
1940-02-10		0.42
1940-01-27		0.32
1940-01-13		0.12
1939-12-30		0.19
1939-12-16		0.35
1939-12-02		0.60
1939-11-18		0.44
1939-11-04		0.31
1939-10-21		0.18
1939-10-07		0.27
1939-09-23		-0.47
1939-09-09		-0.03
1939-08-26		0.01
1939-08-12		-0.67
1939-07-29		0.17
1939-07-15		0.40
1939-07-01		1.34
1939-06-17		1.13
1939-06-03		1.52
1939-05-20		2.35
1939-05-06		2.68
1939-04-22		3.48
1939-04-08		3.27
1939-03-24		2.95
1939-03-10		2.66
1939-02-24		2.44
1939-02-10		2.09
1939-01-27		1.90
1939-01-13		2.23
1938-12-30		2.13
1938-12-16		2.03
1938-12-02		1.59
1938-11-18		1.80
1938-11-04		0.62
1938-10-21		1.58
1938-10-07		2.07
1938-09-23		1.64
1938-09-09		0.54
1938-08-26		0.58
1938-08-12		1.62
1938-07-29		1.38
1938-07-16		0.54
1938-07-02		0.89
1938-06-18		0.85
1938-06-04		0.34

Date	Feet below Surface	Feet to Sealevel
1940-06-22		0.44
1940-06-08		0.27
1940-05-25		0.79
1940-05-11		0.58
1940-04-28		0.54
1940-04-13		0.73
1940-03-30		0.71
1940-03-16		0.75
1940-03-02		0.43
1940-02-17		0.45
1940-02-03		0.30
1940-01-20		0.39
1940-01-06		-0.09
1939-12-23		0.25
1939-12-09		0.60
1939-11-25		0.34
1939-11-11		0.42
1939-10-28		0.29
1939-10-14		0.38
1939-09-30		0.07
1939-09-16		0.04
1939-09-02		0.40
1939-08-19		-0.68
1939-08-05		-0.23
1939-07-22		0.09
1939-07-08		0.36
1939-06-24		1.38
1939-06-10		0.60
1939-05-27		2.35
1939-05-13		2.63
1939-04-29		3.51
1939-04-15		3.44
1939-03-31		3.14
1939-03-17		2.81
1939-03-03		2.27
1939-02-17		2.18
1939-02-03		1.82
1939-01-20		2.17
1939-01-06		2.21
1938-12-23		2.12
1938-12-09		1.92
1938-11-25		1.90
1938-11-11		1.48
1938-10-28		1.09
1938-10-14		2.34
1938-09-30		2.55
1938-09-16		0.11
1938-09-02		0.78
1938-08-19		0.75
1938-08-05		1.38
1938-07-23		0.85
1938-07-09		-0.29
1938-06-25		0.39
1938-06-11		0.50
1938-05-28		0.73

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1938-05-21		0.65	1938-05-14		0.41
1938-05-07		0.02	1938-04-30		0.31
1938-04-23		0.40	1938-04-16		0.34
1938-04-09		1.01	1938-04-02		0.97
1938-03-26		1.06	1938-03-19		1.30
1938-03-12		1.20	1938-03-05		1.27
1938-02-26		1.18	1938-02-19		1.14
1938-02-12		1.09	1938-02-05		0.99
1938-01-29		0.98	1938-01-22		0.97
1938-01-15		0.89	1938-01-08		0.95
1938-01-01		0.88	1937-12-25		0.83
1937-12-18		0.89	1937-12-11		0.81
1937-12-04		0.63	1937-11-27		0.42
1937-11-20		0.34	1937-11-13		0.38
1937-11-06		0.26	1937-10-30		0.11
1937-10-23		0.39	1937-10-16		0.12
1937-10-09		0.14	1937-10-02		0.05
1937-09-25		-0.03	1937-09-18		0.12
1937-09-11		-0.34	1937-09-04		-0.44
1937-08-28		-0.01	1937-08-21		-0.82
1937-08-14		-0.62	1937-08-07		-0.61
1937-07-31		-0.40	1937-07-24		-0.61
1937-07-17		-0.53	1937-07-10		-0.74
1937-07-03		0.43	1937-06-26		0.14
1937-06-19		0.19	1937-06-12		-0.07
1937-06-05		-0.27	1937-05-28		-0.12
1937-05-22		0.28	1937-05-15		0.47
1937-05-08		0.67	1937-05-01		0.81
1937-04-24		1.41	1937-04-17		1.25
1937-04-10		1.38	1937-04-03		1.08
1937-03-27		1.14	1937-03-20		1.03
1937-03-19		1.06	1937-03-18		1.16
1937-03-17		1.01			

13
SSE **FED USGS** **USGS2119546**
1/2 - 1 Mile
Lower

Agency cd:	USGS	Site no:	404022073495701
Site name:	Q 2384. 1		
Latitude:	404022	EDR Site id:	USGS2119546
Longitude:	0734957	Dec lat:	40.6728812
Dec lon:	-73.83207905	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QK1450	Map scale:	Not Reported
Altitude:	27.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	JAMECO AQUIFER		
Well depth:	153.	Hole depth:	153.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1983-07-27
Water quality data end date:	2002-07-16	Water quality data count:	4
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

14
NW
1/2 - 1 Mile
Higher

FED USGS **USGS2119074**

Agency cd:	USGS	Site no:	404116073505901
Site name:	Q 1255. 1		
Latitude:	404116	EDR Site id:	USGS2119074
Longitude:	0735059	Dec lat:	40.68788091
Dec lon:	-73.84930176	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QJ1372	Map scale:	Not Reported
Altitude:	40.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	53.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1911-10-12	Ground water data end date:	1998-03-25
Ground water data count:	553		

Ground-water levels, Number of Measurements: 553

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1998-03-25		32.26	1997-03-17		32.70
1996-03-11		33.27	1995-03-16		33.07
1994-03-24		33.64	1993-03-23		33.84
1992-03-17		22.48	1990-04-18		22.77
1988-06-13		23.33	1976-06-30		1.26
1976-03-25		1.18	1975-12-15		1.15
1975-10-06		1.05	1975-07-01		0.76
1975-03-25		1.21	1974-12-18		1.45
1974-09-03		0.26	1974-06-25		0.22
1974-03-20		-0.34	1974-01-07		-1.29
1973-09-28		-1.33	1973-06-25		-1.42
1973-04-04		-1.46	1972-12-21		-0.58
1972-10-10		-1.61	1972-06-16		-1.65
1972-03-21		-1.59	1972-01-03		-1.55
1971-09-28		-1.39	1971-03-08		-2.91
1970-11-04		-2.83	1970-02-27		-2.56
1969-11-03		-2.49	1969-05-01		-2.47
1969-03-18		-2.44	1968-10-30		-2.37
1968-05-01		-2.23	1968-03-19		-2.24
1967-10-31		-3.75	1967-05-02		-3.71
1967-03-20		-3.71	1966-10-31		-4.01
1966-04-20		-3.96	1965-11-03		-4.04
1965-09-14		-4.05	1965-04-29		-4.09
1964-11-02		-4.09	1964-05-01		-4.08
1964-02-14		-4.15	1963-10-25		-4.18
1962-11-08		-4.21	1962-10-31		-4.18
1962-04-27		-4.42	1962-01-31		-4.70
1961-12-29		-4.81	1961-11-28		-4.98
1961-10-31		-5.02	1961-09-29		-5.05
1961-08-27		-5.09	1961-08-01		-5.17
1961-05-29		-5.32	1961-04-26		-5.33
1961-03-27		-5.46	1961-02-28		-5.61
1961-01-30		-5.73	1961-01-19		-5.84
1960-11-29		-6.19	1960-11-01		-6.29
1960-09-27		-6.42	1960-08-30		-6.47
1960-07-26		-6.51	1960-06-29		-5.90
1960-06-02		-5.94	1960-05-02		-5.96
1960-03-29		-5.94	1960-03-01		-5.91
1960-02-02		-5.89	1960-01-04		-5.88
1959-11-27		-5.88	1959-11-03		-5.83
1959-10-05		-5.59	1959-09-01		-5.29
1959-08-03		-5.07	1959-06-30		-4.76
1959-05-29		-4.53	1959-05-05		-4.42
1959-03-31		-4.44	1959-03-03		-4.44
1959-01-28		-4.38	1959-01-05		-4.67
1958-12-08		-4.72	1958-11-04		-5.04
1958-09-30		-5.18	1958-08-26		-5.18
1958-07-25		-5.23	1958-06-27		-5.41
1958-05-27		-5.59	1958-04-30		-5.74
1958-04-01		-5.75	1958-03-04		-5.73
1958-01-28		-5.84	1957-12-23		-5.67
1957-11-22		-5.63	1957-10-29		-5.56
1957-09-25		-5.47	1957-08-27		-5.24
1957-07-24		-4.93	1957-06-27		-4.68
1957-05-28		-4.66	1957-04-24		-4.65

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1957-03-26		-4.74
1957-01-24		-4.71
1956-11-30		-4.79
1956-10-01		-4.73
1956-08-02		-4.44
1956-06-04		-4.08
1956-03-06		-4.19
1955-12-23		-3.97
1955-10-05		-4.39
1955-07-26		-4.65
1955-05-24		-4.22
1955-03-29		-4.23
1955-01-24		-4.35
1954-12-01		-4.08
1954-09-22		-4.67
1954-07-27		-4.44
1954-05-24		-4.02
1954-03-24		-3.56
1954-01-25		-3.33
1953-04-28		-3.01
1953-02-27		-3.30
1952-12-29		-3.37
1952-11-07		-3.21
1952-08-25		-3.31
1952-06-24		-3.03
1952-04-30		-3.47
1952-02-20		-3.56
1951-12-21		-2.97
1951-10-31		-4.27
1951-08-29		-4.20
1951-06-26		-4.23
1951-04-26		-4.45
1951-02-26		-4.84
1950-12-19		-4.24
1950-10-31		-4.47
1950-08-29		-4.14
1950-06-29		-4.22
1950-03-28		-2.97
1950-01-25		-3.11
1949-11-29		-4.67
1949-09-29		-4.89
1949-07-27		-4.51
1949-05-31		-3.22
1949-03-28		-4.16
1949-01-25		-3.89
1948-12-09		-4.09
1948-09-28		-4.04
1948-07-27		-4.45
1948-06-02		-4.52
1948-03-25		-4.59
1948-02-18		-4.97
1947-11-26		-6.04
1947-10-08		-6.25
1947-07-30		-5.79
1947-07-03		-5.36

Date	Feet below Surface	Feet to Sealevel
1957-02-28		-4.71
1956-12-18		-4.72
1956-10-25		-4.79
1956-09-04		-4.54
1956-06-29		-4.21
1956-05-03		-4.17
1956-02-07		-3.99
1955-11-07		-4.39
1955-08-25		-4.84
1955-06-23		-4.31
1955-04-28		-4.21
1955-02-21		-4.23
1954-12-27		-4.31
1954-10-27		-4.61
1954-08-23		-4.53
1954-06-28		-4.25
1954-04-27		-3.82
1954-02-24		-3.60
1953-05-27		-2.91
1953-03-26		-3.34
1953-02-11		-3.28
1952-12-08		-3.39
1952-09-23		-3.24
1952-07-28		-3.27
1952-05-27		-3.27
1952-03-23		-3.53
1952-01-31		-3.00
1951-11-29		-4.06
1951-09-26		-4.00
1951-07-25		-4.23
1951-05-31		-4.43
1951-03-27		-4.49
1951-01-30		-4.35
1950-11-28		-4.46
1950-09-25		-4.23
1950-07-25		-3.95
1950-04-26		-2.64
1950-03-01		-3.24
1949-12-28		-3.38
1949-10-27		-4.56
1949-08-26		-4.71
1949-06-30		-4.11
1949-04-27		-3.54
1949-02-23		-4.17
1948-12-30		-4.50
1948-11-02		-3.91
1948-08-30		-4.39
1948-06-28		-4.37
1948-04-27		-4.69
1948-03-03		-4.86
1948-01-06		-5.50
1947-11-03		-6.30
1947-09-02		-6.20
1947-07-11		-5.57
1947-07-02		-5.51

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1947-07-01		-5.54
1947-06-24		-5.13
1947-05-06		-5.38
1947-03-04		-4.99
1946-12-30		-4.11
1946-10-23		-4.32
1946-08-29		-4.29
1946-07-01		-4.12
1946-05-06		-4.72
1946-03-04		-4.22
1946-01-10		-4.20
1945-11-02		-4.63
1945-09-13		-4.07
1945-07-04		-3.49
1945-04-27		-3.57
1945-03-03		-3.37
1944-12-05		-3.28
1944-10-05		-3.52
1944-07-31		-3.27
1944-05-27		-2.69
1943-07-31		-3.87
1943-05-29		-3.21
1943-03-27		-3.55
1943-01-30		-3.99
1942-12-26		-4.37
1942-12-12		-4.53
1942-11-28		-4.46
1942-11-14		-4.63
1942-10-31		-4.77
1942-10-17		-4.90
1942-10-03		-4.99
1942-09-19		-5.17
1942-09-05		-5.31
1942-08-22		-5.53
1942-08-08		-5.67
1942-07-25		-5.76
1942-07-11		-5.83
1942-06-27		-5.85
1942-06-13		-5.87
1942-05-30		-5.83
1942-05-16		-5.79
1942-05-02		-5.70
1942-04-18		-5.87
1942-04-04		-5.76
1942-03-21		-5.87
1942-03-07		-5.62
1942-02-21		-5.79
1942-02-07		-5.82
1942-01-24		-5.59
1942-01-03		-5.49
1941-12-20		-5.37
1941-11-29		-5.30
1941-11-15		-5.29
1941-11-01		-5.12
1941-10-18		-5.21

Date	Feet below Surface	Feet to Sealevel
1947-06-30		-5.29
1947-05-26		-5.31
1947-04-03		-9.79
1947-01-27		-4.67
1946-11-25		-4.57
1946-09-27		-4.48
1946-07-30		-3.79
1946-06-18		-4.11
1946-04-12		-4.39
1946-02-13		-4.13
1945-12-04		-4.42
1945-10-09		-4.52
1945-08-08		-3.33
1945-06-05		-3.28
1945-04-03		-3.31
1945-01-03		-2.95
1944-10-28		-3.77
1944-09-01		-3.67
1944-07-03		-2.87
1944-04-25		-2.81
1943-06-26		-3.57
1943-05-01		-3.27
1943-02-27		-3.67
1943-01-02		-4.30
1942-12-19		-4.50
1942-12-05		-4.43
1942-11-21		-4.61
1942-11-07		-4.73
1942-10-24		-4.63
1942-10-10		-4.94
1942-09-26		-4.96
1942-09-12		-5.25
1942-08-29		-5.51
1942-08-15		-5.62
1942-08-01		-5.76
1942-07-18		-5.84
1942-07-04		-5.81
1942-06-20		-5.87
1942-06-06		-5.84
1942-05-23		-5.81
1942-05-09		-5.74
1942-04-25		-5.77
1942-04-11		-5.95
1942-03-28		-5.76
1942-03-14		-5.67
1942-02-28		-5.76
1942-02-14		-5.73
1942-01-31		-5.69
1942-01-17		-5.53
1941-12-27		-5.46
1941-12-06		-5.40
1941-11-22		-5.27
1941-11-08		-5.17
1941-10-25		-5.13
1941-10-11		-4.96

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1941-10-04		-5.21
1941-09-20		-4.93
1941-09-06		-4.74
1941-08-23		-4.60
1941-08-09		-4.45
1941-07-26		-4.21
1941-07-12		-4.06
1941-06-28		-3.90
1941-06-14		-3.54
1941-05-31		-3.33
1941-05-17		-3.26
1941-05-03		-2.94
1941-04-12		-2.89
1941-03-29		-2.88
1941-03-15		-2.51
1941-02-01		-3.03
1941-01-18		-3.06
1940-04-16		-2.50
1939-11-30		-1.98
1939-08-29		-0.89
1939-05-29		0.55
1939-02-21		-0.27
1938-09-12		-0.64
1938-05-16		-1.34
1938-02-25		-1.65
1937-11-23		-2.06
1937-08-24		-2.21
1937-03-23		-1.84
1936-09-28		-2.58
1936-05-19		-1.40
1935-12-11		-1.81
1935-09-16		-1.16
1935-06-05		0.94
1935-02-20		1.40
1934-12-19		1.44
1934-10-19		0.62
1934-08-27		-0.06
1934-06-13		1.07
1934-03-23		1.12
1934-01-12		1.34
1933-11-21		1.36
1933-09-27		0.95
1933-07-25		0.85
1933-05-29		1.26
1933-02-28		0.72
1932-11-21		0.36
1932-09-01		0.64
1932-06-13		1.65
1932-05-03		1.75
1917-11-20		10.18
1917-10-20		9.98
1917-08-16		10.13
1917-06-26		9.53
1917-05-21		9.33
1917-04-18		9.83

Date	Feet below Surface	Feet to Sealevel
1941-09-27		-5.04
1941-09-13		-4.55
1941-08-30		-4.28
1941-08-16		-4.48
1941-08-02		-4.21
1941-07-19		-4.14
1941-07-05		-3.95
1941-06-21		-3.73
1941-06-07		-3.52
1941-05-24		-3.29
1941-05-10		-3.04
1941-04-26		-2.85
1941-04-05		-2.61
1941-03-22		-2.84
1941-02-15		-2.95
1941-01-25		-3.03
1940-05-03		-2.37
1940-03-12		-2.43
1939-10-24		-1.50
1939-07-24		-0.18
1939-04-04		0.17
1938-12-20		-0.15
1938-06-17		-1.37
1938-04-19		-1.40
1938-01-10		-1.90
1937-09-27		-2.22
1937-06-21		-1.82
1936-12-28		-2.59
1936-08-03		-1.95
1936-03-10		-2.10
1935-10-31		-1.92
1935-07-02		0.60
1935-03-21		1.25
1935-01-11		1.93
1934-11-05		1.78
1934-09-21		0.30
1934-07-26		0.10
1934-04-17		1.30
1934-02-19		1.21
1933-12-22		1.52
1933-11-02		1.36
1933-08-29		0.91
1933-06-29		1.17
1933-04-20		1.17
1933-01-20		0.76
1932-10-17		0.30
1932-08-09		0.96
1932-05-16		1.81
1917-12-12		10.18
1917-11-06		10.18
1917-09-19		10.03
1917-07-24		9.63
1917-06-06		9.33
1917-05-03		9.23
1917-03-27		9.53

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1917-03-15		9.23
1917-02-08		8.13
1917-01-10		8.03
1916-12-05		8.38
1916-11-09		8.63
1916-10-05		8.93
1916-09-06		9.63
1916-07-14		10.33
1916-06-08		10.53
1916-05-02		10.23
1916-04-04		9.78
1916-02-29		9.33
1916-01-27		9.33
1915-12-25		9.43
1915-11-29		9.53
1915-10-27		10.18
1915-09-17		10.08
1915-08-23		10.48
1915-07-19		10.33
1915-06-17		10.53
1915-05-20		10.43
1915-04-20		10.73
1915-03-23		10.93
1915-02-24		10.23
1915-01-21		9.73
1914-12-11		9.68
1914-10-30		9.83
1914-09-15		10.63
1914-07-30		11.38
1914-06-19		11.88
1914-04-17		11.83
1914-03-13		11.18
1914-01-30		10.73
1913-12-23		10.13
1913-11-14		10.43
1913-10-15		10.43
1913-09-06		10.88
1913-07-22		11.48
1913-06-18		11.93
1913-05-16		11.78
1913-04-10		10.78
1913-03-06		10.33
1913-01-31		10.38
1912-12-26		10.28
1912-11-27		10.98
1912-10-25		10.98
1912-09-20		11.18
1912-08-23		11.53
1912-07-19		11.48
1912-06-21		11.88
1912-04-26		11.33
1912-03-26		10.43
1912-02-08		10.08
1911-12-29		9.73
1911-12-06		9.53

Date	Feet below Surface	Feet to Sealevel
1917-02-26		8.73
1917-01-23		8.03
1916-12-22		9.03
1916-11-21		8.48
1916-10-18		8.83
1916-09-21		9.13
1916-08-23		10.03
1916-06-26		10.43
1916-05-19		10.53
1916-04-17		10.03
1916-03-21		9.43
1916-02-14		9.23
1916-01-03		9.48
1915-12-16		9.38
1915-11-10		9.88
1915-10-11		10.18
1915-09-08		10.23
1915-08-06		10.33
1915-07-01		10.38
1915-05-31		10.58
1915-05-04		10.53
1915-04-06		10.73
1915-03-10		10.98
1915-02-09		10.48
1914-12-31		9.38
1914-11-18		9.63
1914-10-13		10.13
1914-08-18		11.13
1914-07-13		11.83
1914-05-12		12.03
1914-03-25		11.83
1914-02-18		10.98
1914-01-15		10.38
1913-12-04		10.28
1913-10-31		10.63
1913-09-23		10.58
1913-08-20		11.13
1913-07-03		11.78
1913-06-04		11.93
1913-05-01		11.63
1913-03-24		10.43
1913-02-17		10.43
1913-01-16		10.33
1912-12-11		10.43
1912-11-11		10.78
1912-10-11		11.03
1912-09-06		11.48
1912-08-09		11.48
1912-07-05		11.78
1912-05-15		11.68
1912-04-10		10.88
1912-03-01		10.13
1912-01-22		10.03
1911-12-18		9.58
1911-11-22		9.43

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1911-11-10		9.23	1911-10-26		9.28
1911-10-12		9.13			

15
SSE
1/2 - 1 Mile
Lower

FED USGS **USGS2119521**

Agency cd:	USGS	Site no:	404016073500601
Site name:	Q 2289. 1		
Latitude:	404016	EDR Site id:	USGS2119521
Longitude:	0735006	Dec lat:	40.67121456
Dec lon:	-73.83457912	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QK1441	Map scale:	Not Reported
Altitude:	25.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	JAMECO AQUIFER		
Well depth:	147	Hole depth:	157.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1970-08-10
Water quality data end date:	2002-07-16	Water quality data count:	5
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

16
WNW
1/2 - 1 Mile
Higher

FED USGS **USGS2119064**

Agency cd:	USGS	Site no:	404113073510901
Site name:	Q 237. 1		
Latitude:	404113	EDR Site id:	USGS2119064
Longitude:	0735109	Dec lat:	40.68704759
Dec lon:	-73.85207962	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QJ1363	Map scale:	Not Reported
Altitude:	36.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	577.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

17
West
1/2 - 1 Mile
Lower

FED USGS **USGS2119157**

Agency cd:	USGS	Site no:	404055073511801
Site name:	Q 1483. 1		
Latitude:	404055	EDR Site id:	USGS2119157
Longitude:	0735118	Dec lat:	40.68204768
Dec lon:	-73.85457969	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QJ1355	Map scale:	Not Reported
Altitude:	25.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	184.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

C18
NE
1/2 - 1 Mile
Higher

NY WELLS **NYWS006432**

Well Id:	NY7011735	System name:	NEW YORK CITY - GROUNDWATER SYSTEM
System Id:	047	Well name:	WELL #45, Q2189, DEPTH 158.0' D=14
Type:	Well	Active?:	Active
County:	QUEENS BOUROUGH	Latitude:	404121 000
Longitude:	734932 000	Slec_type_:	AC
Agency:	MIELE, SR., JOEL		
Address:	DEPARTMENT OF ENVIRONMENTAL PROTECTION 59-17 JUNCTION ROAD		
City/State/Zip:	CORONA NY 11368-5107		
Phone:	718-595-6500		

C19
NE
1/2 - 1 Mile
Higher

FRDS PWS **NY0011735**

PWS ID:	NY0011735		
Date Initiated:	Not Reported	Date Deactivated:	Not Reported
PWS Name:	JAMAICA WATER SUPPLY COMPANY LAKE SUCCESS, NY 11042		
Addressee / Facility:	System Owner/Responsible Party KOPKE RUSSELL C/O RUSSELL KOPKE, PRESIDENT 410 LAKEVILLE ROAD LAKE SUCCESS, NY 11042		

Facility Latitude:	40 40 58	Facility Longitude:	073 45 06
Facility Latitude:	40 43 14	Facility Longitude:	073 46 59
Facility Latitude:	40 43 23	Facility Longitude:	073 45 54
Facility Latitude:	40 43 28	Facility Longitude:	073 48 25
Facility Latitude:	40 43 43	Facility Longitude:	073 48 27
Facility Latitude:	40 42 09	Facility Longitude:	073 46 43
Facility Latitude:	40 40 52	Facility Longitude:	073 47 54

Facility Latitude:	40 41 55	Facility Longitude:	073 49 36
Facility Latitude:	40 42 25	Facility Longitude:	073 45 04
Facility Latitude:	40 42 48	Facility Longitude:	073 46 03
Facility Latitude:	40 40 44	Facility Longitude:	073 43 34
Facility Latitude:	40 40 55	Facility Longitude:	073 48 56
Facility Latitude:	40 40 24	Facility Longitude:	073 48 40
Facility Latitude:	40 40 54	Facility Longitude:	073 49 17
Facility Latitude:	40 42 04	Facility Longitude:	073 49 17
Facility Latitude:	40 42 36	Facility Longitude:	073 45 56
Facility Latitude:	40 43 23	Facility Longitude:	073 48 18
Facility Latitude:	40 43 23	Facility Longitude:	073 48 39
Facility Latitude:	40 41 18	Facility Longitude:	073 45 26
Facility Latitude:	40 41 57	Facility Longitude:	073 45 23
Facility Latitude:	40 43 01	Facility Longitude:	073 46 32
Facility Latitude:	40 41 49	Facility Longitude:	073 49 21
Facility Latitude:	40 42 16	Facility Longitude:	073 44 22
Facility Latitude:	40 42 04	Facility Longitude:	073 49 59
Facility Latitude:	40 41 59	Facility Longitude:	073 44 04
Facility Latitude:	40 43 53	Facility Longitude:	073 44 46
Facility Latitude:	40 42 51	Facility Longitude:	073 45 35
Facility Latitude:	40 41 50	Facility Longitude:	073 47 20
Facility Latitude:	40 41 38	Facility Longitude:	073 47 17
Facility Latitude:	40 42 53	Facility Longitude:	073 48 11
Facility Latitude:	40 41 42	Facility Longitude:	073 44 15
Facility Latitude:	40 41 36	Facility Longitude:	073 44 05
Facility Latitude:	40 42 43	Facility Longitude:	073 44 07
Facility Latitude:	40 42 06	Facility Longitude:	073 44 56
Facility Latitude:	40 43 29	Facility Longitude:	073 45 03
Facility Latitude:	40 41 08	Facility Longitude:	073 48 06
Facility Latitude:	40 42 12	Facility Longitude:	073 49 25
Facility Latitude:	40 40 37	Facility Longitude:	073 44 52
Facility Latitude:	40 41 21	Facility Longitude:	073 49 32
Facility Latitude:	40 43 34	Facility Longitude:	073 44 29
Facility Latitude:	40 42 19	Facility Longitude:	073 49 31
Facility Latitude:	40 43 02	Facility Longitude:	073 45 13
City Served:	FLEMING (T)		
City Served:	LAKE SUCCESS		
Treatment Class	Not Reported	Population:	Not Reported

Violations information not reported.

D20
East
1/2 - 1 Mile
Higher

NY WELLS **NYWS006451**

Well Id:	NY7011735	System name:	NEW YORK CITY - GROUNDWATER SYSTEM
System Id:	013	Well name:	WELL #3, DEPTH .98.4', D=18"
Type:	Well	Active?:	Active
County:	QUEENS BOUROUGH	Latitude:	404054 000
Longitude:	734917 000	Slec_type_:	AC
Agency:	MIELE, SR., JOEL		
Address:	DEPARTMENT OF ENVIRONMENTAL PROTECTION 59-17 JUNCTION ROAD		
City/State/Zip:	CORONA NY 11368-5107		
Phone:	718-595-6500		

Map ID Direction Distance Elevation	Database	EDR ID Number
E21 **NW** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS2119105**

Agency cd:	USGS	Site no:	404120073511201
Site name:	Q 1378. 1		
Latitude:	404120	EDR Site id:	USGS2119105
Longitude:	0735112	Dec lat:	40.688992
Dec lon:	-73.85291297	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QJ1362	Map scale:	Not Reported
Altitude:	42.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	208.	Hole depth:	212.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

D22 **East** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS2119149**

Agency cd:	USGS	Site no:	404054073491701
Site name:	Q 303. 1		
Latitude:	404054	EDR Site id:	USGS2119149
Longitude:	0734917	Dec lat:	40.68176994
Dec lon:	-73.82096762	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QK1395	Map scale:	Not Reported

Altitude:	32.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	102.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1970-07-06
Water quality data end date:	1983-05-16	Water quality data count:	2
Ground water data begin date:	1961-12-13	Ground water data end date:	1985-05-14
Ground water data count:	5		

Ground-water levels, Number of Measurements: 5

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1985-05-14		4.15	1978-03-23		-3.60
1968-01-16		-16.40			
Note: The site had been pumped recently.					
1967-09-05		-11.40			
Note: The site had been pumped recently.					
1961-12-13		-4.40			

D23
East
1/2 - 1 Mile
Higher

FED USGS **USGS2119150**

Agency cd:	USGS	Site no:	404054073491702
Site name:	Q 558. 1		
Latitude:	404054	EDR Site id:	USGS2119150
Longitude:	0734917	Dec lat:	40.68176994
Dec lon:	-73.82096762	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QK1395	Map scale:	Not Reported
Altitude:	33.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	158.	Hole depth:	163.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1983-09-19
Water quality data end date:	1983-09-19	Water quality data count:	1
Ground water data begin date:	1961-12-13	Ground water data end date:	1968-01-16
Ground water data count:	3		

Ground-water levels, Number of Measurements: 3

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1968-01-16		-12.50	1967-09-06		-5.60
1961-12-13		-5.10			

E24
NW
1/2 - 1 Mile
Higher

FED USGS **USGS2119106**

Agency cd:	USGS	Site no:	404120073511301
Site name:	Q 346. 1		
Latitude:	404120	EDR Site id:	USGS2119106
Longitude:	0735113	Dec lat:	40.688992
Dec lon:	-73.85319076	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QJ1352	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	Not Reported		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	124.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID Direction Distance Elevation	Database	EDR ID Number
C25 **NE** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS2118896**

Agency cd:	USGS	Site no:	404123073493001
Site name:	Q 2189. 1		
Latitude:	404123	EDR Site id:	USGS2118896
Longitude:	0734930	Dec lat:	40.68982535
Dec lon:	-73.82457883	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QK1381	Map scale:	Not Reported
Altitude:	43.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	126.	Hole depth:	126.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1970-07-06
Water quality data end date:	1983-09-19	Water quality data count:	2
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

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26 **South** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS2953337**

Agency cd:	USGS	Site no:	404004073502201
Site name:	Q 633. 1		
Latitude:	404004	EDR Site id:	USGS2953337
Longitude:	0735022	Dec lat:	40.66788129
Dec lon:	-73.83902369	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QK1422	Map scale:	Not Reported

Altitude:	11.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	191.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

27
NE
1/2 - 1 Mile
Higher

FED USGS **USGS2118907**

Agency cd:	USGS	Site no:	404124073493001
Site name:	Q 2140. 1		
Latitude:	404124	EDR Site id:	USGS2118907
Longitude:	0734930	Dec lat:	40.69010313
Dec lon:	-73.82457883	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QK1381	Map scale:	Not Reported
Altitude:	48.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	322.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported

Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

28
SSW
1/2 - 1 Mile
Lower

FED USGS **USGS2119444**

Agency cd:	USGS	Site no:	404006073504001
Site name:	Q 345. 1		
Latitude:	404006	EDR Site id:	USGS2119444
Longitude:	0735040	Dec lat:	40.66843683
Dec lon:	-73.84402383	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QJ1492	Map scale:	Not Reported
Altitude:	10.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	219.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

29
NNW
1/2 - 1 Mile
Higher

FED USGS **USGS2118802**

Agency cd:	USGS	Site no:	404140073504101
Site name:	Q 1493. 1		
Latitude:	404140	EDR Site id:	USGS2118802
Longitude:	0735041	Dec lat:	40.69454747
Dec lon:	-73.84430162	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QJ1299	Map scale:	Not Reported
Altitude:	45.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	139.	Hole depth:	143.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1970-07-16
Water quality data end date:	1970-07-16	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

30
WNW
1/2 - 1 Mile
Lower

FED USGS **USGS2119000**

Agency cd:	USGS	Site no:	404105073512501
Site name:	Q 1256. 1		
Latitude:	404105	EDR Site id:	USGS2119000
Longitude:	0735125	Dec lat:	40.68482541
Dec lon:	-73.85652419	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QJ1344	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	38.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1940-10-26	Ground water data end date:	1962-11-08
Ground water data count:	250		

Ground-water levels, Number of Measurements: 250

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1962-11-08		-1.79	1962-04-27		-1.48
1962-01-05		-1.50	1961-02-28		-2.04
1960-07-18		-3.25	1960-01-06		-3.35
1959-03-23		-1.40	1957-12-23		-3.07
1957-03-26		-1.14	1954-12-27		-0.98
1954-06-28		-1.98	1954-05-24		-1.87
1954-04-27		-1.78	1954-03-24		-1.05
1954-02-24		-0.80	1953-12-19		-0.60
1953-11-24		-1.52	1953-11-02		-0.97
1953-10-01		-1.45	1953-08-26		-1.20
1953-08-19		-1.24	1953-07-30		-1.11
1953-06-24		-0.88	1953-05-27		-1.08
1953-04-28		-1.09	1953-03-26		-1.46
1953-02-27		-1.16	1953-02-13		-0.95
1952-12-29		-1.20	1952-12-08		-1.14
1952-11-07		-1.37	1952-09-24		-1.34
1952-08-25		-1.13	1952-07-28		-1.02
1952-06-24		-0.75	1952-05-27		-0.89
1952-04-30		-1.03	1952-03-24		-1.12
1952-02-20		-1.16	1952-01-31		-1.16
1951-12-21		-1.77	1951-11-29		-1.83
1951-10-31		-2.19	1951-09-27		-2.34
1951-08-29		-2.23	1951-07-25		-2.27
1951-06-26		-2.09	1951-05-31		-2.05
1951-05-01		-2.16	1951-03-27		-2.43
1951-02-26		-2.63	1951-01-30		-2.84
1950-12-18		-2.83	1950-11-27		-2.88
1950-10-30		-2.92	1950-09-25		-2.84
1950-08-28		-2.74	1950-07-25		-2.56
1950-06-27		-2.30	1950-05-25		-2.05
1950-04-26		-1.70	1950-03-28		-1.77
1950-02-28		-1.95	1950-01-24		-2.20
1949-12-27		-2.40	1949-11-29		-2.75
1949-10-27		-2.95	1949-09-29		-2.88
1949-08-26		-2.79	1949-07-27		-2.64
1949-06-30		-2.30	1949-05-31		-1.89
1949-04-27		-2.19	1949-03-28		-2.39
1949-02-23		-2.52	1949-01-24		-2.59
1948-12-30		-2.96	1948-12-09		-2.79
1948-11-02		-2.78	1948-09-28		-2.74

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1948-08-30		-2.52
1948-06-28		-2.88
1948-05-06		-3.09
1948-03-03		-3.24
1947-11-26		-4.20
1947-10-08		-4.45
1947-08-01		-4.06
1947-07-03		-3.66
1947-07-01		-3.65
1947-06-24		-3.84
1947-05-06		-3.50
1947-03-14		-3.71
1946-12-30		-3.48
1946-10-23		-3.06
1946-08-29		-2.79
1946-07-01		-2.57
1946-05-09		-3.25
1946-03-15		-3.23
1946-01-10		-3.18
1945-11-02		-3.18
1945-09-13		-2.85
1945-07-04		-2.54
1945-04-27		-2.74
1945-03-15		-2.53
1943-09-25		-3.27
1943-07-31		-3.09
1943-05-29		-2.87
1943-03-27		-3.20
1943-01-30		-3.42
1942-12-26		-3.84
1942-12-12		-3.95
1942-11-28		-4.02
1942-11-14		-4.13
1942-10-31		-4.24
1942-10-17		-4.31
1942-10-03		-4.42
1942-09-19		-4.75
1942-09-05		-4.94
1942-08-22		-5.09
1942-08-08		-5.42
1942-07-25		-5.72
1942-07-11		-5.94
1942-06-27		-6.19
1942-06-13		-6.54
1942-05-30		-6.70
1942-05-16		-6.72
1942-05-02		-6.71
1942-04-18		-6.80
1942-04-04		-6.82
1942-03-21		-6.93
1942-02-28		-6.98
1942-02-14		-6.92
1942-01-31		-6.82
1942-01-17		-6.75
1942-01-03		-6.69

Date	Feet below Surface	Feet to Sealevel
1948-07-27		-2.62
1948-06-02		-3.00
1948-03-27		-4.37
1948-01-06		-4.04
1947-11-03		-4.52
1947-09-02		-4.40
1947-07-11		-3.82
1947-07-02		-3.65
1947-06-30		-3.65
1947-05-26		-3.55
1947-04-03		-3.73
1947-01-27		-3.63
1946-11-25		-3.27
1946-09-27		-3.04
1946-07-30		-2.62
1946-06-17		-2.71
1946-04-12		-3.30
1946-02-13		-3.14
1945-12-04		-3.33
1945-09-26		-2.93
1945-08-08		-2.44
1945-06-05		-2.56
1945-04-03		-2.54
1943-10-30		-3.10
1943-08-28		-3.18
1943-06-26		-2.95
1943-05-01		-2.90
1943-02-27		-3.31
1943-01-02		-3.80
1942-12-19		-3.90
1942-12-05		-4.00
1942-11-21		-4.09
1942-11-07		-4.17
1942-10-24		-4.26
1942-10-10		-4.37
1942-09-26		-4.64
1942-09-12		-4.72
1942-08-29		-4.98
1942-08-15		-5.23
1942-08-01		-5.53
1942-07-18		-5.82
1942-07-04		-6.04
1942-06-20		-6.36
1942-06-06		-6.64
1942-05-23		-6.72
1942-05-09		-6.67
1942-04-25		-6.79
1942-04-11		-6.82
1942-03-28		-6.88
1942-03-14		-6.98
1942-02-21		-6.96
1942-02-07		-6.87
1942-01-24		-6.79
1942-01-10		-6.71
1941-12-27		-6.64

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1941-12-20		-6.59
1941-12-06		-6.50
1941-11-22		-6.39
1941-11-08		-6.27
1941-10-25		-6.21
1941-10-11		-6.08
1941-09-27		-5.93
1941-09-13		-5.78
1941-08-30		-5.69
1941-08-16		-5.52
1941-08-02		-5.35
1941-07-19		-5.16
1941-07-05		-4.88
1941-06-21		-4.58
1941-06-07		-4.32
1941-05-24		-3.99
1941-05-10		-3.65
1941-04-26		-3.32
1941-04-05		-2.95
1941-03-22		-3.28
1941-03-08		-2.57
1941-02-22		-2.58
1941-02-08		-2.78
1941-01-25		-2.84
1941-01-11		-2.90
1940-12-28		-3.01
1940-12-14		-3.13
1940-11-30		-3.21
1940-11-16		-3.33
1940-11-02		-3.40

Date	Feet below Surface	Feet to Sealevel
1941-12-13		-6.52
1941-11-29		-6.43
1941-11-15		-6.33
1941-11-01		-6.20
1941-10-18		-6.14
1941-10-04		-5.99
1941-09-20		-5.84
1941-09-06		-5.74
1941-08-23		-5.63
1941-08-09		-5.41
1941-07-26		-5.28
1941-07-12		-5.03
1941-06-28		-4.73
1941-06-14		-4.48
1941-05-31		-4.13
1941-05-17		-3.81
1941-05-03		-3.48
1941-04-12		-3.00
1941-03-29		-2.94
1941-03-15		-3.00
1941-03-01		-2.55
1941-02-15		-2.68
1941-02-01		-2.84
1941-01-18		-2.87
1941-01-04		-2.95
1940-12-21		-3.07
1940-12-07		-3.18
1940-11-23		-3.29
1940-11-09		-3.38
1940-10-26		-3.38

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for QUEENS County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for QUEENS COUNTY, NY

Number of sites tested: 81

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area	0.620 pCi/L	97%	0%	3%
Basement	0.970 pCi/L	93%	6%	1%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

HYDROGEOLOGIC INFORMATION

AQUIFLOW[R] Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

New York Public Water Wells
Source: New York Department of Health
Telephone: 518-458-6731

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database
Department of Environmental Conservation
Telephone: 518-402-8072
These files contain records, in the database, of wells that have been drilled.

RADON

State Database: NY Radon
Source: Department of Health
Telephone: 518-402-7556
Radon Test Results

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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Appendix F
Credentials

Mostafa El Sehamy, P.G., C.G.W.P., C.E.M.
President, Senior Hydrogeologist

Mr. El Sehamy has over fifteen (15) years of experience in hydrogeology and environmental engineering, involving such activities as groundwater investigation, water quality modeling, ground and surface water quality analysis, environmental impact assessment, remediation design of replacement of domestic well systems in contaminated areas; aquifer sensitivity studies for hydrocarbons and solvents and soil and groundwater investigations of leaking underground storage tanks and pilot venting studies. Mr. El Sehamy has designed over 50 remediation systems for the New York State Department of Environmental Conservation (Oil Spill Prevention) and private sectors. The remediation system involved several techniques, such as pump and treat, soil venting, air sparging, bio-remediation and bio venting. Mr. El Sehamy has also conducted several remedial investigation/feasibility studies in New York State.

Representative Occupational Experience

- *Groundwater and Hydrologic Modeling*
  Groundwater flow and contaminant transport, modeling utilizing MODFLOW, PLASM, MODPATH and WHPA. Hydrologic modeling utilizing HELP. Assessing model inputs and outputs, boundary and initial conditions, model calibrations, verification and sensitivity analysis and performing analytical checks. Hydrologic studies and water analysis.

- *Environmental Site Assessments*
  Conducted Phase I and II Environmental Site Assessments, analysis of site investigation reports, identifying contamination locations and sources. Gas Chromatograph analysis and water sampling, analyzing laboratory results for QA/QC, magnetometer surveys for locating buried drums and underground storage tanks (USTs), estimating UST and other subsurface leaks, septic tank cleanup inspection, liability assessments and estimating costs to attain compliance.

- *Expert Witness*
  Offered expert witness testimony for the New York State Department of Environmental Conservation (NYSDEC) and several private sector cases.

- *Environmental Impact Statements*
  Conducted and supervised several environmental impact statements for shopping centers in the states of New York and North Carolina.

- *Solute Transport Modeling*
  Conducted groundwater flow and solute transport modeling at Superfund, municipal, industrial and water supply sites impacted by organic/inorganic hydrocarbons, PCBs and metals. Developed strategies to contain and clean-up aquifers, protect water supply wells and prohibit impacts to surface water bodies, including containment of free phase product recovery. Analytical and numerical models, such as PLASM, MODFLOW, Random Walk, Quickflow, Flowpath and Groundwater Path were used.

- *Risk Assessments*
  Delineated dissolved petroleum hydrocarbon plume and implemented a risk assessment regarding a subsurface storage tank release into the Long Island Aquifer.

- *Engineering Compliance*
  Auditing manufacturing plants, assessing plant-wide environmental conditions, identifying present and potential RCRA wastes and other environmental problems and offering solutions, SARA Title III calculations, environmental inventorying, compliance status and potential impact analysis of waste disposal practices, air compliance analysis, insurance claims analysis and preparing work plans and engineering reports.

- *Remedial Investigation and Feasibility Studies*
  Oversight/planning of site investigations; data analysis, including statistical analysis and geostatistical contouring utilizing SURFER and GEOSOFT/KRIGING; performance of feasibility studies, including technology evaluations and screening, alternatives development and evaluation and cost estimations.

- *Due- Diligence Programs*
  Designed and implemented due-diligence programs (ranging from Phase I Assessment to Comprehensive Hydrogeologic Investigations) to assess environmental liabilities for numerous land development clientele.

- *Delineation of Chlorinated Organic Plumes*
  Supervised the delineation of a dissolved chlorinated organic plume from underground tank loss. Developed a remedial action program in accordance with New York State regulatory guidelines to abate soil and groundwater contamination.

- *Research Projects*
  Conducted groundwater studies with Nassau County Department of Public Works to investigate the impact of heating oil and solvents on public supply wells in the Levittown and Glen Cove areas of New York State.

- *Remedial Action*
  Prepared remedial action plans. Designed and implemented hydrocarbon remediation systems for soil and groundwater.

- *Pump Test Aquifer Analysis*
  Conducted several pump test aquifer analysis and field coordination in relation to water supply feasibility studies for the New York City Transit Authority.

- *OSHA Instructor*
  Instructed several courses, such as, OSHA 40 Hours Right to Know, CPR, 8 Hour OSHA Refresher, Fall Protection, Confined Space Entry and Lockout/tag-out. Developed safety programs for confine space and accident investigations.

- *Hazardous Waste Remediation Sites*
  Project Manager – RI/FS, pre design investigation, remedial design, construction oversight of the remedial action, and operations and

maintenance of the soil vapor and groundwater treatment systems. Each RI/FS was performed under the direction of NYSDEC.

Employment

2001 - Present	President, Senior Hydrogeologist Hydro Tech Environmental Corp., Commack, New York
1993 – 2001	Director of Professional Services and Safety Fenley & Nicol Environmental, Inc., Deer Park, New York
1992 – 1993	Senior Hydrogeologist Fenley & Nicol Environmental, Inc. Deer Park, New York
1989 – 1992	Hydrogeologist Nassau County Dept. of Health, Mineola, New York
1986 - 1989	Hydrogeologist Fanning, Phillips and Molnar, Ronkonkoma, New York

Education

M.S. Hydrogeology, Adelphi University at Garden City, New York, 1989
Graduate Geology studies, Brooklyn College, City University of New York, 1981
B.S. Engineering Geology, Cairo University, Egypt, 1978

Affiliations and Certifications

- Association of Groundwater Scientists and Engineers
- American Institute of Professional Geologists
- American Association of Petroleum Geologists
- Long Island Geologist Organization
- Environmental Assessment Association
- New York State Asbestos Investigator
- American Society of Safety Engineers
- American Heart Association: CPR Instructor

Registrations and Certifications

- Professional Geologist – Commonwealth of Pennsylvania (P.G.- #001135 – G)
- Licensed Geologist – State of North Carolina (L.G. – #1714)
- Certified Groundwater Professional (C.G.W.P. #364)
- Certified Professional Geologist (C.P.G. # 9206)
- Certified Environmental Manager (C.E.M. # 73492)
- Certified City of New York Asbestos – Investigator (# 03541)

Courses and Seminars

- "Practical Modeling of Pump and Treat Systems using Modflow, Path 3D and Flow Path" Papadupulos & Associates, Inc.
- "Dense Non-aqueous Phase Liquids (DNAPLs): Site Characterization and Remediations" Central New York Association of Professional Geologists.
- "Understanding Migration, Assessment and Remediation of LNAPLs and DNAPLs" National Groundwater Association.
- "Petroleum-Contaminated Soil and Groundwater" University of Massachusetts.
- "Ground water Remediation and Modeling", Newburgh, New York.

Publications/Presentations

- *A Case Study of the Impact of MTBE on the Investigation and Remediation of a Fuel Oil Release,* National Groundwater Focus Conference MTBE in Groundwater: Assessment, Remediation Technologies & Public Policy, Baltimore, MD June 4-5, 2001.
- *Is MTBE in Fuel Oil? Why MTBE Plays a Major Concern on Long Island,* Long Island Business News, February 2001
- *Cleaning Up UST Leaks*, El Sehamy, Mostafa, Environmental Protection, June 1997.
- *Overview of the Petrex Passive Soil Gas Technique - Two Case Studies*, El Sehamy, Mostafa & Jacobs, Jr., Dave T., Long Island Geologists, April 1996
- *Temporal Constraints on Free Phase Floating Petroleum Product Rebound in the Upper Glacial Aquifer, Long Island New York,* El Sehamy, Mostafa & Winslow, David, Long Island Geologists, April 1996
- *Successful Remediation of Gasoline Spills on Long Island by Application of a Combination of Technologies- Two Case Studies*, El Sehamy, Mostafa & Korlipara, Ravi, Long Island Geologists, April 1995

Mark E. Robbins, C.P.G., C.E.I.
Vice President, Senior Geologist

Mr. Robbins has over nine (9) years experience in geology and hydrogeology, involving such activities as Phase I Environmental Site Assessments, Phase II Environmental Site Assessments, Subsurface Investigations, Remedial Actions, data acquisition, evaluation and contouring, and geotechnical investigations. Mr. Robbins has performed over 400 Phase I Assessments involving residential through heavy industrial properties and over 200 Subsurface Investigations throughout the United States. Mr. Robbins has also designed and implemented over 20 remediation systems for both public and private sectors.

Representative Occupational Experience

- *Environmental Site Assessments*
  Conducted Phase I and II Environmental Site Assessments, analysis of site investigation reports, identifying contamination locations and sources. Soil, soil-vapor and water sampling, analyzing laboratory results for QA/QC, magnetometer and Ground-Penetrating Radar surveys for locating buried drums and underground storage tanks (USTs), estimating UST and other subsurface leaks, monitoring well logging, Project Management, liability assessments and estimating costs to attain compliance.

- *Remedial Investigation and Feasibility Studies*
  Oversight/planning of site investigations; data analysis, including statistical analysis and geostatistical contouring utilizing SURFER; performance of feasibility studies, including technology evaluations, alternatives development and evaluation and cost estimations.

- *Due- Diligence Programs*
  Designed and implemented due-diligence programs (ranging from Phase I Assessment to Comprehensive Hydrogeologic Investigations) to assess environmental liabilities for numerous land development clientele.

- *Delineation of Chlorinated Organic Plumes*
  Supervised the delineation of a dissolved chlorinated organic plume from underground tank loss. Developed a remedial action program in accordance with New York State regulatory guidelines to abate soil and groundwater contamination.

- *Remedial Action*
  Prepared numerous Remedial Action Plans. Designed and implemented hydrocarbon and chlorinated solvent remediation systems for soil and groundwater.

- *Pump Test Aquifer Analysis*
  Conducted several pump tests and pump test analysis and field coordination in relation to dewatering permit requirements for Keyspan Energy and the private sector.

Employment

2001 - Present Vice President, Senior Geologist
Hydro Tech Environmental Corp., Commack, New York

2000 – 2001 Assistant Director, Professional Services
Fenley & Nicol Environmental, Inc., Deer Park, New York

1999 – 2000 Senior Geologist
Fenley & Nicol Environmental, Inc. Deer Park, New York

1995 – 1999 Operations Director
Advanced Cleanup Technologies, Inc., Farmingdale, New York

1992 – 1995 Project Geologist
Advanced Cleanup Technologies, Inc., Roslyn Heights, New York

Education

B.S. Geology, State University of New York at Oneonta, 1991

Affiliations and Certifications

- American Institute of Professional Geologists
- American Association of Petroleum Geologists
- Long Island Geologist Organization
- Geological Society of America
- American Standards in Testing Materials – E50 Committee Member
- Environmental Assessment Association
- OSHA 40-Hour & 8-Hour, Supervisor

Registrations and Certifications

- Certified Professional Geologist (C.P.G. # 10527)
- Certified Environmental Inspector (C.E.I. # 73383)
- GPR Operator's Course, Geophysical Survey Systems, Inc., 1993.

Publications/Presentations

- *A Case Study of the Impact of MTBE on the Investigation and Remediation of a Fuel Oil Release,* National Groundwater Focus Conference MTBE in Groundwater: Assessment, Remediation Technologies & Public Policy, Baltimore, MD June 4-5, 2001.
- *Is MTBE in Fuel Oil? Why MTBE Plays a Major Concern on Long Island,* Long Island Business News, February 2001.

Appendix B

Boring Logs

BORING LOG

BORING #: B-1 / MW-1

DATE: 1/29/2014 **CLIENT:** Joseph Yunason
SITE: 106-14/16 Liberty Avenue, Ozone Park, NY

CONTRACTOR: Zebra Environmental Corp.
DEPTH DRILLED: 30 feet
DEPTH TO WATER: 28 feet
DRILLING METHOD: Direct Push
SOIL SAMPLING DEVICE: Track mounted Geoprobe™ 7720 DT

Depth (feet)	Sample #	RECOVERY (inches)	PID Readings (ppm)	Sample Description
0' – 5'	B-1 (0-2)	52"	0.0	0" – 5" Asphalt and crushed concrete; 5" – 23" Black to brown, silty clay with fine grained sand, and trace amounts of gravels; 23" – 38" Red-brown, mostly coarse to medium grained sand, with few silty clay and fine grained sand; 38" – 52" Red-brown, mostly coarse to medium grained sand.
5' – 10'		53"	0.0	0" – 9" Red-brown, mostly coarse to medium grained sand; 9" – 14" Brown, silty clay with fine sand; 14" – 53" Red-brown, mostly coarse to medium grained sand with very few gravel.
10' – 15'	B-1 (9-11)	51"	0.0	0" – 51" Red-brown, mostly coarse to medium grained sand with very few gravel, and quartz cobbles interspersed throughout.
15' – 20'		55"	0.0	0' – 18" Red-brown, mostly coarse to medium grained sand with very few gravel, and quartz cobble interspersed throughout; 18" – 20" Brown, silty clay with fine sand; 20" – 37" Brown, mostly medium grained sand with some coarse and fine grained sand; 37" – 55" Light brown, mostly medium to fine grained sand with little course grained sand.
20' – 25'		56"	0.0	0" – 18" Light brown, mostly medium to fine grained sand with little course grained sand; 18' – 24" Brown, medium to fine grained sand, with silty clay; 24" – 56" Light brown, mostly medium to fine grained sand.
25' – 30'		56"	0.0	0" – 56" Light brown, mostly medium to fine grained sand. Wet at 26". Installed monitoring well MW-1 to 35'.

J.R. Holzmacher P.E., LLC 3555 Veterans Memorial Highway, Suite A, Ronkonkoma, New York 11779-7636
Tel: (631) 234-2220 Fax: (631) 234-2221 e-mail: info@holzmacher.com

BORING LOG

BORING #: B-2 / MW-2

DATE: 1/30/2014 **CLIENT:** Joseph Yunason
SITE: 106-14/16 Liberty Avenue, Ozone Park, NY

CONTRACTOR: Zebra Environmental Corp.
DEPTH DRILLED: 10 feet
DEPTH TO WATER: NA
DRILLING METHOD: Direct Push
SOIL SAMPLING DEVICE: Track mounted Geoprobe™ 6620 DT

Depth (feet)	*Sample #*	*RECOVERY (inches)*	*PID Readings (ppm)*	*Sample Description*
0' – 5'	B-2 (0-2)	38"	0.0	0" – 6" Asphalt and crushed concrete; 6" – 21" Brown, silty clay with fine grained sand, and trace amounts of gravel; 21" – 38" Brown, mostly medium grained sand with some fine grained sand, few coarse grained sand, and trace amount of gravel.
5' – 10'	B-2 (4-6)	47"	0.0	0" – 47" Brown, mostly medium grained sand with some fine grained sand, few coarse grained sand, and trace amount of gravel. Installed monitoring well MW-2 to 35'.

BORING LOG

BORING #: B-3 / MW-3

DATE: 1/30/2014 **CLIENT:** Joseph Yunason
SITE: 106-14/16 Liberty Avenue, Ozone Park, NY

CONTRACTOR: Zebra Environmental Corp.
DEPTH DRILLED: 10 feet
DEPTH TO WATER: NA
DRILLING METHOD: Direct Push
SOIL SAMPLING DEVICE: Track mounted Geoprobe™ 6620 DT

Depth (feet)	*Sample #*	*RECOVERY (inches)*	*PID Readings (ppm)*	*Sample Description*
0' – 5'	B-3 (0-2)	34"	0.0	0" – 7" Asphalt and crushed concrete; 7" – 22" Brown, silty clay with fine grained sand, and trace amounts of gravel; 22" – 34" Brown, mostly medium grained sand, with some coarse grained sand, and few gravel.
5' – 10'	B-3 (4-6)	37"	0.0	0" – 37" Brown, mostly medium grained sand with some coarse grained sand, and few gravel. Installed monitoring well MW-3 to 35'.

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BORING LOG

BORING #: B-4

DATE: 1/29/2014 **CLIENT:** Joseph Yunason
SITE: 106-14/16 Liberty Avenue, Ozone Park, NY

CONTRACTOR: Zebra Environmental Corp.
DEPTH DRILLED: 15 feet
DEPTH TO WATER: NA
DRILLING METHOD: Direct Push
SOIL SAMPLING DEVICE: Track mounted Geoprobe™ 7720 DT

Depth (feet)	*Sample #*	*RECOVERY* (inches)	*PID Readings (ppm)*	*Sample Description*
0' – 5'	B-4 (0-2)	47"	0.0	0" – 6" Asphalt and crushed concrete; 6" – 14" Red-brown, silty clay with fine grained sand, and little coarse grained sand; 14" – 30" Red-brown, mostly coarse to medium grained sand, with some fine grained sand and few gravel. 30" – 47" Brown, mostly medium grained sand, with some coarse and fine grained sand.
5' – 10'		52"	0.0	0" – 8" Brown, mostly medium grained sand, with some coarse and fine grained sand; 8" – 15" Brown, mostly silty clay with fine grained sand, and few medium grained sand and trace coarse grained sand; 15" – 42" Dark brown, mostly coarse to medium grained sand, with few fine grained sand; 42" – 52" Light brown, mostly medium grained sand, with some coarse grained sand and few fine grained sand.
10' – 15'	B-4 (13-15)	47"	0.0	0" – 10" Dark brown, mostly medium to fine sand grained, with trace silty clay; 10" – 47" Light brown, mostly coarse to medium grained sand, with little fine grained sand and interspersed with little gravel.

BORING LOG

BORING #: B-5

DATE: 1/29/2014 **CLIENT: Joseph Yunason**
SITE: 106-14/16 Liberty Avenue, Ozone Park, NY

CONTRACTOR: Zebra Environmental Corp.
DEPTH DRILLED: 5 feet
DEPTH TO WATER: NA
DRILLING METHOD: Direct Push
SOIL SAMPLING DEVICE: Track mounted Geoprobe™ 7720 DT

Depth (feet)	*Sample #*	*RECOVERY (inches)*	*PID Readings (ppm)*	*Sample Description*
0' – 5'	B-5 (0-2) B-5 (3-5)	60"	0.0	0" – 4" Asphalt and crushed concrete; 4" – 14" Dark brown, silty clay with fine grained sand; 14" – 34" Red-brown, mostly fine grained sand, with some medium grained sand, and trace amounts of coarse grained sand; 34" – 60" Brown, mostly medium grained sand with some coarse and fine grained sands.

BORING LOG

BORING #: B-6

DATE: 1/30/2014 **CLIENT: Joseph Yunason**
SITE: 106-14/16 Liberty Avenue, Ozone Park, NY

CONTRACTOR: Zebra Environmental Corp.
DEPTH DRILLED: 10 feet
DEPTH TO WATER: NA
DRILLING METHOD: Direct Push
SOIL SAMPLING DEVICE: Track mounted Geoprobe™ 6620 DT

Depth (feet)	*Sample #*	*RECOVERY (inches)*	*PID Readings (ppm)*	*Sample Description*
0' – 5'	B-6 (0-2)	45"	0.0	0" – 5" Asphalt and crushed concrete; 5" – 27" Dark brown, silty clay with fine grained sand, and trace gravel; 27" – 43" Brown, mostly medium grained sand, with some coarse grained sand, and little fine grained sand.
5' – 10'	B-6 (4-6)	48"	0.0	0" – 24" Brown, mostly medium grained sand, with some coarse grained sand, and little fine grained sand; 24" – 48" Brown mostly coarse to medium grained sand, with little fine grained sand.

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BORING LOG

BORING #: B-7

DATE: 1/30/2014 **CLIENT:** Joseph Yunason
SITE: 106-14/16 Liberty Avenue, Ozone Park, NY

CONTRACTOR: Zebra Environmental Corp.
DEPTH DRILLED: 5 feet
DEPTH TO WATER: NA
DRILLING METHOD: Direct Push
SOIL SAMPLING DEVICE: Track mounted Geoprobe™ 6620 DT

Depth (feet)	*Sample #*	*RECOVERY (inches)*	*PID Readings (ppm)*	*Sample Description*
0' – 5'	B-7 (0-2) B-7 (3-5)	45"	0.0	0" – 3" Asphalt and crushed concrete; 3" – 23" Dark brown, silty clay with fine grained sand, and little medium grained sand; 23" – 45" Brown, mostly medium grained sand, with some fine grained sand and little coarse grained sand.

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Appendix C

Groundwater Monitoring Logs

GROUNDWATER SAMPLING LOG

102-16 Liberty Ave
Ozone Park, NY

Well ID:	MW-1
Date:	2/4/14
Sampling Personnel:	AJS & DM
Weather:	Clear, 34°F

WELL INFORMATION

Well Depth (ft):	35.35
Water Level Depth (ft):	25.60
Well Diameter (in):	2

WELL WATER INFORMATION

Length of Water Column (ft):	9.75
Volume of Water in Well (gal):	1.59
Total Volume Purged (gal):	5.0
Duration of Pumping (min):	9

EVACUATION INFORMATION

Pump On: 11:25

Pump Off: 11:34

Time: / *Parameter*	11:26	11:27	11:28	11:29				
DO (mg/L)	7.44	7.30	7.40	7.42				
Temperature (°C)	17.74	18.25	18.00	17.94				
pH	8.10	7.68	7.40	7.38				
Cond (umho's/cm)	854	913	986	998				
Turbidity (NTU)	999+	999+	999+	999+				

GROUNDWATER SAMPLING LOG

102-16 Liberty Ave
Ozone Park, NY

Well ID:	MW-2
Date:	2/4/14
Sampling Personnel:	AJS & DM
Weather:	Clear, 34°F

WELL INFORMATION

Well Depth (ft):	35.35
Water Level Depth (ft):	26.48
Well Diameter (in):	2

WELL WATER INFORMATION

Length of Water Column (ft):	8.87
Volume of Water in Well (gal):	1.45
Total Volume Purged (gal):	5.0
Duration of Pumping (min):	10

EVACUATION INFORMATION

Pump On: 11:45

Pump Off: 11:55

Time: / *Parameter*	11:46	11:47	11:48	11:49				
DO (mg/L)	7.95	7.70	7.69	7.69				
Temperature (°C)	17.19	17.52	17.59	17.62				
pH	7.48	7.28	7.18	7.16				
Cond (umho's/cm)	908	924	947	949				
Turbidity (NTU)	999+	999+	999+	999+				

GROUNDWATER SAMPLING LOG

102-16 Liberty Ave
Ozone Park, NY

Well ID:	MW-3
Date:	2/4/14
Sampling Personnel:	AJS & DM
Weather:	Clear, 34°F

WELL INFORMATION

Well Depth (ft):	35.10
Water Level Depth (ft):	27.50
Well Diameter (in):	2

WELL WATER INFORMATION

Length of Water Column (ft):	7.60
Volume of Water in Well (gal):	1.24
Total Volume Purged (gal):	5.0
Duration of Pumping (min):	10

EVACUATION INFORMATION

Pump On: 12:05

Pump Off: 12:15

Time: / *Parameter*	12:06	12:07	12:08	12:09				
DO (mg/L)	7.49	7.75	7.78	7.84				
Temperature (°C)	17.47	17.78	17.84	17.89				
pH	7.73	7.52	7.48	7.45				
Cond (umho's/cm)	426	425	423	427				
Turbidity (NTU)	999+	999+	999+	999+				

Appendix D

Laboratory Data Deliverables

American Analytical Laboratories, LLC.
56 Toledo Street
Farmingdale, New York 11735
TEL: (631) 454-6100 FAX: (631) 454-8027
Website: www.American-Analytical.com

February 06, 2014

Jim DeMartinis
J.R. Holzmacher P.E. LLC
3555 Veterans Memorial Hwy., Suite A
Ronkonkoma, NY 11788
TEL: (631) 234-2220
FAX (631) 234-2221

RE: Liberty Ave., 102- 14/16 Ozone Park, NY Order No.: 1401119

Dear Jim DeMartinis:

American Analytical Laboratories, LLC. received 6 sample(s) on 1/29/2014 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report. The results reported herein relate only to the items tested or to the samples as received by the laboratory. This report may not be reproduced, except in full, without the approval of American Analytical Laboratories, LLC and is not considered complete without a cover page and chain of custody documentation. The limits (LOQ) provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report or the data is qualified either on the sample results or in the QC section of the report. This package has been reviewed by American Analytical Laboratories' QA Department/Laboratory Director to comply with NELAC standards prior to report submittal.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer

Lori Beyer
Lab Director
American Analytical Laboratories, LLC.

American Analytical Laboratories, LLC.
56 Toledo Street
Farmingdale, New York 11735
TEL: (631) 454-6100 FAX: (631) 454-8027
Website: www.American-Analytical.com

Workorder Sample Summary

WO#: **1401119**

06-Feb-14

CLIENT: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

Lab SampleID	Client Sample ID	Tag No	Date Collected	Date Received	Matrix
1401119-001A	B-1 (0-2)		1/29/2014 1:23:00 PM	1/29/2014 3:00:00 PM	Soil
1401119-001B	B-1 (0-2)		1/29/2014 1:23:00 PM	1/29/2014 3:00:00 PM	Soil
1401119-002A	B-1 (9-11)		1/29/2014 1:27:00 PM	1/29/2014 3:00:00 PM	Soil
1401119-002B	B-1 (9-11)		1/29/2014 1:27:00 PM	1/29/2014 3:00:00 PM	Soil
1401119-003A	B-4 (0-2)		1/29/2014 12:00:00 PM	1/29/2014 3:00:00 PM	Soil
1401119-003B	B-4 (0-2)		1/29/2014 12:00:00 PM	1/29/2014 3:00:00 PM	Soil
1401119-004A	B-4 (13-15)		1/29/2014 12:12:00 PM	1/29/2014 3:00:00 PM	Soil
1401119-004B	B-4 (13-15)		1/29/2014 12:12:00 PM	1/29/2014 3:00:00 PM	Soil
1401119-005A	B-5 (0-2)		1/29/2014 11:45:00 AM	1/29/2014 3:00:00 PM	Soil
1401119-005B	B-5 (0-2)		1/29/2014 11:45:00 AM	1/29/2014 3:00:00 PM	Soil
1401119-006A	B-5 (3-5)		1/29/2014 11:48:00 AM	1/29/2014 3:00:00 PM	Soil
1401119-006B	B-5 (3-5)		1/29/2014 11:48:00 AM	1/29/2014 3:00:00 PM	Soil

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Farmingdale, New York 11735
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Case Narrative

WO#: **1401119**
Date: **2/6/2014**

CLIENT: J.R. Holzmacher P.E. LLC
Project: Liberty Ave., 102- 14/16 Ozone Park, NY

Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846 and additional methods as detailed throughout the text of the report. All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives with exceptions notated in this Narrative discussion and/or in the QC Summary Section of the lab report with appropriate qualifiers. Additional quality control information such as surrogate recovery values for organic testing is provided as part of the analytical results.

Soil sample results analyzed for Volatile Organics via preparation method SW846 Method 5035A via the Low Level procedures potentially may be estimated, "J" (biased low) since the samples for this test were not collected according to the 5035A Method.
Volatile LCS are analyzed with preservatives - HCL/NaHSO4/Methanol depending on level of analysis (high/low) similar to sample analysis. Outliers can be attributed to the presence of chemical preservatives. 2-Chloroethyl vinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Pesticide analysis by Method 8081B (if applicable to this work order) is analyzed on two distinct columns. Once a target compound is qualitatively confirmed by detection on both columns and quantitation is determined to be >40% between the two columns, AAL's policy is to report the lower of the values as suggested by SW846 Method 8000C in cases where no interference exists. If in the professional judgment of the laboratory, the higher value must be utilized this is explained in the lab report.

The following parameters (if included in this report) are not offered by NY ELAP: VOA 8260 Soil; 1,2,4,5-Tetramethylbenzene, Chlorodifluoromethane, Diisopropyl ether, Ethanol, Freon-114, p-Diethylbenzene, p-Ethyltoluene, Isopropyl Acetate, n-Amyl Acetate, n-Butyl Acetate, n-Propyl Acetate. VOA 8260 Liquid; 1,2,4,5-Tetramethylbenzene, Chlorodifluoromethane, Freon-114, p-Diethylbenzene, p-Ethyltoluene, Isopropyl Acetate, n-Amyl acetate, n-Butyl Acetate, n-Propyl Acetate. Pesticides 8081 Soil; DBCP. Herbicides 8151 Soil; 3,5-Dichlorobenzoic Acid, 4-Nitrophenol, Acifluorfen, Bentazon, Chloramben, DCPA, Picloram .Lachat 10-107-6-1B Ammonia in Soil, SM 2540G Total Volatile Solids, Soil TKN, Soil Organic Nitrogen, Percent Moisture, SM 4500-SO3 B Sulfite in Liquid, Total Sulfur in Soil, Acid Soluble Chloride by ASTMC1152, Water Soluble Chloride by ASTMC1218, Chlorine Demand by SM 2350 B, Total Residual Chlorine in Liquid

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Case Narrative

WO#: **1401119**
Date: **2/6/2014**

CLIENT: J.R. Holzmacher P.E. LLC
Project: Liberty Ave., 102- 14/16 Ozone Park, NY

The test results meet the requirements of the NYSDOH and NELAC standards, except where noted. The information contained in this analytical report is the sole property of American Analytical Laboratories, LLC. Or the client for which this report was issued. The results contained in this report are only representative of the samples received. The sample receipt checklist is included as part of this lab report. Conditions can vary at different times and at different sampling conditions. American Analytical is not responsible for the use or interpretation of the data included herein.

American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-1 (0-2)
Lab Order:	1401119	**Collection Date:**	1/29/2014 1:23:00 PM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-001A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
1,1,1,2-Tetrachloroethane	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
1,1,1-Trichloroethane	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
1,1,2,2-Tetrachloroethane	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
1,1,2-Trichloroethane	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
1,1-Dichloroethane	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
1,1-Dichloroethene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
1,1-Dichloropropene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
1,2,3-Trichlorobenzene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
1,2,3-Trichloropropane	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
1,2,4,5-Tetramethylbenzene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
1,2,4-Trichlorobenzene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
1,2,4-Trimethylbenzene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
1,2-Dibromo-3-chloropropane	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
1,2-Dibromoethane	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
1,2-Dichlorobenzene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
1,2-Dichloroethane	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
1,2-Dichloropropane	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
1,3,5-Trimethylbenzene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
1,3-Dichlorobenzene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
1,3-dichloropropane	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
1,4-Dichlorobenzene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
1,4-Dioxane	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
2,2-Dichloropropane	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
2-Butanone	U	5.4	11		µg/Kg-dry	1	1/30/2014 12:30:00 PM
2-Chloroethyl vinyl ether	U	1.1	5.4	*	µg/Kg-dry	1	1/30/2014 12:30:00 PM
2-Chlorotoluene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
2-Hexanone	U	5.4	11		µg/Kg-dry	1	1/30/2014 12:30:00 PM
2-Propanol	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
4-Chlorotoluene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
4-Isopropyltoluene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
4-Methyl-2-pentanone	U	5.4	11		µg/Kg-dry	1	1/30/2014 12:30:00 PM
Acetone	16	1.3	11	B*	µg/Kg-dry	1	1/30/2014 12:30:00 PM

American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-1 (0-2)
Lab Order:	1401119	**Collection Date:**	1/29/2014 1:23:00 PM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-001A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
Benzene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
Bromobenzene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
Bromochloromethane	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
Bromodichloromethane	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
Bromoform	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
Bromomethane	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
Carbon disulfide	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
Carbon tetrachloride	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
Chlorobenzene	2.1	1.1	5.4	J	µg/Kg-dry	1	1/30/2014 12:30:00 PM
Chlorodifluoromethane	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
Chloroethane	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
Chloroform	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
Chloromethane	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
cis-1,2-Dichloroethene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
cis-1,3-Dichloropropene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
Cyclohexane	U	2.2	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
Dibromochloromethane	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
Dibromomethane	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
Dichlorodifluoromethane	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
Diisopropyl ether	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
Ethanol	U	11	22		µg/Kg-dry	1	1/30/2014 12:30:00 PM
Ethylbenzene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
Freon-114	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
Hexachlorobutadiene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
Isopropylbenzene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
m,p-Xylene	U	2.2	11		µg/Kg-dry	1	1/30/2014 12:30:00 PM
Methyl Acetate	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
Methyl tert-butyl ether	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
Methylene chloride	10	1.1	5.4	B*	µg/Kg-dry	1	1/30/2014 12:30:00 PM
Naphthalene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
n-Butylbenzene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
n-Propylbenzene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
o-Xylene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM

American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-1 (0-2)
Lab Order:	1401119	**Collection Date:**	1/29/2014 1:23:00 PM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-001A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
p-Diethylbenzene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
p-Ethyltoluene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
sec-Butylbenzene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
Styrene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
t-Butyl alcohol	U	2.7	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
tert-Butylbenzene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
Tetrachloroethene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
Toluene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
trans-1,2-Dichloroethene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
trans-1,3-Dichloropropene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
Trichloroethene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
Trichlorofluoromethane	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
Vinyl acetate	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
Vinyl chloride	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 12:30:00 PM
Surr: 4-Bromofluorobenzene	94.1	0	56-133		%REC	1	1/30/2014 12:30:00 PM
Surr: Dibromofluoromethane	96.8	0	60-132		%REC	1	1/30/2014 12:30:00 PM
Surr: Toluene-d8	99.1	0	69-125		%REC	1	1/30/2014 12:30:00 PM

American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-1 (0-2)
Lab Order:	1401119	**Collection Date:**	1/29/2014 1:23:00 PM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-001B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
MERCURY			**SW7471B**		**SW7471B**		Analyst: **JP**
Mercury	0.101	0.008	0.0125		mg/Kg-dry	1	2/4/2014 2:43:43 PM
PCB'S AS AROCLORS SW-846 METHOD 8082			**SW8082A**		**SW3546**		Analyst: **SB**
Aroclor 1016	U	11	21		µg/Kg-dry	1	2/1/2014 3:26:00 PM
Aroclor 1221	U	11	21		µg/Kg-dry	1	2/1/2014 3:26:00 PM
Aroclor 1232	U	11	21		µg/Kg-dry	1	2/1/2014 3:26:00 PM
Aroclor 1242	U	11	21		µg/Kg-dry	1	2/1/2014 3:26:00 PM
Aroclor 1248	U	11	21		µg/Kg-dry	1	2/1/2014 3:26:00 PM
Aroclor 1254	U	11	21		µg/Kg-dry	1	2/1/2014 3:26:00 PM
Aroclor 1260	U	11	21		µg/Kg-dry	1	2/1/2014 3:26:00 PM
Aroclor 1262	U	11	21		µg/Kg-dry	1	2/1/2014 3:26:00 PM
Aroclor 1268	U	11	21		µg/Kg-dry	1	2/1/2014 3:26:00 PM
Surr: DCB	37.6	0	12-144		%REC	1	2/1/2014 3:26:00 PM
Surr: TCX	47.2	0	13-145		%REC	1	2/1/2014 3:26:00 PM
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
4,4´-DDD	U	1.1	2.7		µg/Kg-dry	1	2/4/2014 2:02:00 PM
4,4´-DDE	U	1.1	2.7		µg/Kg-dry	1	2/4/2014 2:02:00 PM
4,4´-DDT	U	1.1	2.7		µg/Kg-dry	1	2/4/2014 2:02:00 PM
Aldrin	U	1.1	2.7		µg/Kg-dry	1	2/4/2014 2:02:00 PM
alpha-BHC	U	1.1	2.7		µg/Kg-dry	1	2/4/2014 2:02:00 PM
beta-BHC	U	1.1	2.7		µg/Kg-dry	1	2/4/2014 2:02:00 PM
Chlordane	U	11	21		µg/Kg-dry	1	2/4/2014 2:02:00 PM
Chlorobenzilate	U	1.1	2.7		µg/Kg-dry	1	2/4/2014 2:02:00 PM
DBCP	U	1.1	2.7		µg/Kg-dry	1	2/4/2014 2:02:00 PM
delta-BHC	U	1.1	2.7		µg/Kg-dry	1	2/4/2014 2:02:00 PM
Dieldrin	U	1.1	2.7		µg/Kg-dry	1	2/4/2014 2:02:00 PM
Endosulfan I	U	1.1	2.7		µg/Kg-dry	1	2/4/2014 2:02:00 PM
Endosulfan II	U	1.1	2.7		µg/Kg-dry	1	2/4/2014 2:02:00 PM
Endosulfan sulfate	U	1.1	2.7		µg/Kg-dry	1	2/4/2014 2:02:00 PM
Endrin	U	1.1	2.7		µg/Kg-dry	1	2/4/2014 2:02:00 PM
Endrin aldehyde	U	1.1	2.7		µg/Kg-dry	1	2/4/2014 2:02:00 PM
Endrin ketone	U	1.1	2.7		µg/Kg-dry	1	2/4/2014 2:02:00 PM
gamma-BHC	U	1.1	2.7		µg/Kg-dry	1	2/4/2014 2:02:00 PM

American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-1 (0-2)
Lab Order:	1401119	**Collection Date:**	1/29/2014 1:23:00 PM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-001B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
Heptachlor	U	1.1	2.7		µg/Kg-dry	1	2/4/2014 2:02:00 PM
Heptachlor epoxide	U	1.1	2.7		µg/Kg-dry	1	2/4/2014 2:02:00 PM
Hexachlorobenzene	U	1.1	2.7		µg/Kg-dry	1	2/4/2014 2:02:00 PM
Hexachlorocyclopentadiene	U	1.1	2.7		µg/Kg-dry	1	2/4/2014 2:02:00 PM
Methoxychlor	U	1.1	2.7		µg/Kg-dry	1	2/4/2014 2:02:00 PM
Toxaphene	U	13	27		µg/Kg-dry	1	2/4/2014 2:02:00 PM
Surr: DCB	45.6	0	16-148		%REC	1	2/1/2014 2:28:00 AM
Surr: DCB	44.2	0	16-148		%REC	1	2/4/2014 2:02:00 PM
Surr: TCX	39.4	0	19-145		%REC	1	2/4/2014 2:02:00 PM
Surr: TCX	56.9	0	19-145		%REC	1	2/1/2014 2:28:00 AM
PERCENT MOISTURE			**D2216**				Analyst: **CF**
Percent Moisture	9.1	1	1.0		wt%	1	2/5/2014
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Aluminum	9990	1.1	4.38		mg/Kg-dry	10	2/3/2014 12:43:40 PM
Antimony	U	0.22	0.548		mg/Kg-dry	1	2/3/2014 12:11:10 PM
Arsenic	3.87	0.22	0.548		mg/Kg-dry	1	2/3/2014 12:11:10 PM
Barium	76.3	0.22	0.438		mg/Kg-dry	1	2/3/2014 12:11:10 PM
Beryllium	U	0.11	0.438		mg/Kg-dry	1	2/3/2014 12:11:10 PM
Cadmium	0.176	0.11	0.438	J	mg/Kg-dry	1	2/3/2014 12:11:10 PM
Calcium	2480	0.22	0.548		mg/Kg-dry	1	2/3/2014 12:11:10 PM
Chromium	18.5	0.11	0.438		mg/Kg-dry	1	2/3/2014 12:11:10 PM
Cobalt	U	0.11	0.438		mg/Kg-dry	1	2/3/2014 12:11:10 PM
Copper	21.2	0.11	0.438		mg/Kg-dry	1	2/3/2014 12:11:10 PM
Iron	11500	2.19	4.38		mg/Kg-dry	10	2/3/2014 12:43:40 PM
Lead	146	0.22	0.438		mg/Kg-dry	1	2/3/2014 12:11:10 PM
Magnesium	2500	0.11	0.438		mg/Kg-dry	1	2/3/2014 12:11:10 PM
Manganese	193	0.11	0.438		mg/Kg-dry	1	2/3/2014 12:11:10 PM
Nickel	10.4	0.11	0.438		mg/Kg-dry	1	2/3/2014 12:11:10 PM
Potassium	850	0.22	0.548		mg/Kg-dry	1	2/3/2014 12:11:10 PM
Selenium	U	0.22	0.548		mg/Kg-dry	1	2/3/2014 12:11:10 PM
Silver	0.114	0.11	0.438	J	mg/Kg-dry	1	2/3/2014 12:11:10 PM
Sodium	98.3	0.22	0.548		mg/Kg-dry	1	2/3/2014 12:11:10 PM

American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-1 (0-2)
Lab Order:	1401119	**Collection Date:**	1/29/2014 1:23:00 PM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-001B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Thallium	0.643	0.33	0.548		mg/Kg-dry	1	2/3/2014 12:11:10 PM
Vanadium	24.6	0.11	0.438		mg/Kg-dry	1	2/3/2014 12:11:10 PM
Zinc	82.2	0.11	0.438		mg/Kg-dry	1	2/3/2014 12:11:10 PM
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
1,2,4-Trichlorobenzene	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
1,2-Dichlorobenzene	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
1,3-Dichlorobenzene	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
1,4-Dichlorobenzene	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
2,3,4,6-Tetrachlorophenol	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
2,4,5-Trichlorophenol	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
2,4,6-Trichlorophenol	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
2,4-Dichlorophenol	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
2,4-Dimethylphenol	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
2,4-Dinitrophenol	U	55	550	*	µg/Kg-dry	1	2/3/2014 6:13:00 PM
2,4-Dinitrotoluene	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
2,6-Dinitrotoluene	U	55	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
2-Chloronaphthalene	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
2-Chlorophenol	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
2-Methylnaphthalene	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
2-Methylphenol	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
2-Nitroaniline	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
2-Nitrophenol	U	55	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
3,3´-Dichlorobenzidine	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
3+4-Methylphenol	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
3-Nitroaniline	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
4,6-Dinitro-2-methylphenol	U	55	550	*	µg/Kg-dry	1	2/3/2014 6:13:00 PM
4-Bromophenyl phenyl ether	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
4-Chloro-3-methylphenol	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
4-Chloroaniline	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
4-Chlorophenyl phenyl ether	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
4-Nitroaniline	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
4-Nitrophenol	U	55	550		µg/Kg-dry	1	2/3/2014 6:13:00 PM

American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-1 (0-2)
Lab Order:	1401119	**Collection Date:**	1/29/2014 1:23:00 PM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-001B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Acenaphthene	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
Acenaphthylene	77	27	270	J	µg/Kg-dry	1	2/3/2014 6:13:00 PM
Acetophenone	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
Aniline	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
Anthracene	88	27	270	J	µg/Kg-dry	1	2/3/2014 6:13:00 PM
Atrazine	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
Azobenzene	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
Benzaldehyde	U	55	550		µg/Kg-dry	1	2/3/2014 6:13:00 PM
Benzidine	U	55	550		µg/Kg-dry	1	2/3/2014 6:13:00 PM
Benzo(a)anthracene	400	27	270	m	µg/Kg-dry	1	2/3/2014 6:13:00 PM
Benzo(a)pyrene	390	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
Benzo(b)fluoranthene	390	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
Benzo(g,h,i)perylene	260	27	270	J	µg/Kg-dry	1	2/3/2014 6:13:00 PM
Benzo(k)fluoranthene	310	27	270	m	µg/Kg-dry	1	2/3/2014 6:13:00 PM
Benzoic acid	U	55	550	*	µg/Kg-dry	1	2/3/2014 6:13:00 PM
Benzyl alcohol	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
Biphenyl	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
Bis(2-chloroethoxy)methane	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
Bis(2-chloroethyl)ether	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
Bis(2-chloroisopropyl)ether	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
Bis(2-ethylhexyl)phthalate	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
Butyl benzyl phthalate	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
Caprolactam	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
Carbazole	35	27	270	J	µg/Kg-dry	1	2/3/2014 6:13:00 PM
Chrysene	400	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
Dibenzo(a,h)anthracene	67	27	270	Jm	µg/Kg-dry	1	2/3/2014 6:13:00 PM
Dibenzofuran	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
Diethyl phthalate	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
Dimethyl phthalate	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
Di-n-butyl phthalate	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
Di-n-octyl phthalate	U	55	550		µg/Kg-dry	1	2/3/2014 6:13:00 PM
Fluoranthene	780	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
Fluorene	43	27	270	J	µg/Kg-dry	1	2/3/2014 6:13:00 PM

American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-1 (0-2)
Lab Order:	1401119	**Collection Date:**	1/29/2014 1:23:00 PM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-001B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Hexachlorobenzene	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
Hexachlorobutadiene	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
Hexachlorocyclopentadiene	U	55	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
Hexachloroethane	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
Indeno(1,2,3-c,d)pyrene	310	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
Isophorone	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
Naphthalene	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
Nitrobenzene	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
N-Nitrosodimethylamine	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
N-Nitrosodi-n-propylamine	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
N-Nitrosodiphenylamine	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
Parathion	U	55	550		µg/Kg-dry	1	2/3/2014 6:13:00 PM
Pentachlorophenol	U	55	550		µg/Kg-dry	1	2/3/2014 6:13:00 PM
Phenanthrene	360	27	270	m	µg/Kg-dry	1	2/3/2014 6:13:00 PM
Phenol	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
Pyrene	700	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
Pyridine	U	27	270		µg/Kg-dry	1	2/3/2014 6:13:00 PM
Surr: 2,4,6-Tribromophenol	98.7	0	11-135		%REC	1	2/3/2014 6:13:00 PM
Surr: 2-Fluorobiphenyl	79.4	0	21-143		%REC	1	2/3/2014 6:13:00 PM
Surr: 2-Fluorophenol	98.0	0	14-122		%REC	1	2/3/2014 6:13:00 PM
Surr: 4-Terphenyl-d14	86.9	0	15-137		%REC	1	2/3/2014 6:13:00 PM
Surr: Nitrobenzene-d5	78.2	0	17-136		%REC	1	2/3/2014 6:13:00 PM
Surr: Phenol-d6	99.6	0	10-116		%REC	1	2/3/2014 6:13:00 PM

American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-1 (9-11)
Lab Order:	1401119	**Collection Date:**	1/29/2014 1:27:00 PM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-002A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
1,1,1,2-Tetrachloroethane	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
1,1,1-Trichloroethane	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
1,1,2,2-Tetrachloroethane	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
1,1,2-Trichloroethane	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
1,1-Dichloroethane	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
1,1-Dichloroethene	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
1,1-Dichloropropene	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
1,2,3-Trichlorobenzene	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
1,2,3-Trichloropropane	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
1,2,4,5-Tetramethylbenzene	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
1,2,4-Trichlorobenzene	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
1,2,4-Trimethylbenzene	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
1,2-Dibromo-3-chloropropane	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
1,2-Dibromoethane	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
1,2-Dichlorobenzene	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
1,2-Dichloroethane	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
1,2-Dichloropropane	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
1,3,5-Trimethylbenzene	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
1,3-Dichlorobenzene	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
1,3-dichloropropane	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
1,4-Dichlorobenzene	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
1,4-Dioxane	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
2,2-Dichloropropane	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
2-Butanone	U	5.1	10		µg/Kg-dry	1	1/30/2014 12:58:00 PM
2-Chloroethyl vinyl ether	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
2-Chlorotoluene	U	1	5.1	*	µg/Kg-dry	1	1/30/2014 12:58:00 PM
2-Hexanone	U	5.1	10		µg/Kg-dry	1	1/30/2014 12:58:00 PM
2-Propanol	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
4-Chlorotoluene	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
4-Isopropyltoluene	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
4-Methyl-2-pentanone	U	5.1	10		µg/Kg-dry	1	1/30/2014 12:58:00 PM
Acetone	4.1	1.3	10	BJ*	µg/Kg-dry	1	1/30/2014 12:58:00 PM

American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-1 (9-11)
Lab Order:	1401119	**Collection Date:**	1/29/2014 1:27:00 PM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-002A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
Benzene	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
Bromobenzene	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
Bromochloromethane	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
Bromodichloromethane	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
Bromoform	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
Bromomethane	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
Carbon disulfide	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
Carbon tetrachloride	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
Chlorobenzene	1.0	1	5.1	J	µg/Kg-dry	1	1/30/2014 12:58:00 PM
Chlorodifluoromethane	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
Chloroethane	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
Chloroform	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
Chloromethane	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
cis-1,2-Dichloroethene	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
cis-1,3-Dichloropropene	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
Cyclohexane	U	2	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
Dibromochloromethane	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
Dibromomethane	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
Dichlorodifluoromethane	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
Diisopropyl ether	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
Ethanol	U	10	20		µg/Kg-dry	1	1/30/2014 12:58:00 PM
Ethylbenzene	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
Freon-114	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
Hexachlorobutadiene	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
Isopropylbenzene	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
m,p-Xylene	U	2	10		µg/Kg-dry	1	1/30/2014 12:58:00 PM
Methyl Acetate	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
Methyl tert-butyl ether	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
Methylene chloride	8.0	1	5.1	B*	µg/Kg-dry	1	1/30/2014 12:58:00 PM
Naphthalene	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
n-Butylbenzene	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
n-Propylbenzene	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
o-Xylene	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM

American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-1 (9-11)
Lab Order:	1401119	**Collection Date:**	1/29/2014 1:27:00 PM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-002A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
p-Diethylbenzene	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
p-Ethyltoluene	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
sec-Butylbenzene	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
Styrene	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
t-Butyl alcohol	U	2.5	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
tert-Butylbenzene	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
Tetrachloroethene	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
Toluene	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
trans-1,2-Dichloroethene	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
trans-1,3-Dichloropropene	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
Trichloroethene	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
Trichlorofluoromethane	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
Vinyl acetate	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
Vinyl chloride	U	1	5.1		µg/Kg-dry	1	1/30/2014 12:58:00 PM
Surr: 4-Bromofluorobenzene	99.1	0	56-133		%REC	1	1/30/2014 12:58:00 PM
Surr: Dibromofluoromethane	98.4	0	60-132		%REC	1	1/30/2014 12:58:00 PM
Surr: Toluene-d8	100	0	69-125		%REC	1	1/30/2014 12:58:00 PM

American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-1 (9-11)
Lab Order:	1401119	**Collection Date:**	1/29/2014 1:27:00 PM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-002B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
MERCURY			**SW7471B**		**SW7471B**		Analyst: **JP**
Mercury	U	0.007	0.0110		mg/Kg-dry	1	2/4/2014 2:45:51 PM
PCB'S AS AROCLORS SW-846 METHOD 8082			**SW8082A**		**SW3546**		Analyst: **SB**
Aroclor 1016	U	10	20		µg/Kg-dry	1	2/1/2014 3:50:00 PM
Aroclor 1221	U	10	20		µg/Kg-dry	1	2/1/2014 3:50:00 PM
Aroclor 1232	U	10	20		µg/Kg-dry	1	2/1/2014 3:50:00 PM
Aroclor 1242	U	10	20		µg/Kg-dry	1	2/1/2014 3:50:00 PM
Aroclor 1248	U	10	20		µg/Kg-dry	1	2/1/2014 3:50:00 PM
Aroclor 1254	U	10	20		µg/Kg-dry	1	2/1/2014 3:50:00 PM
Aroclor 1260	U	10	20		µg/Kg-dry	1	2/1/2014 3:50:00 PM
Aroclor 1262	U	10	20		µg/Kg-dry	1	2/1/2014 3:50:00 PM
Aroclor 1268	U	10	20		µg/Kg-dry	1	2/1/2014 3:50:00 PM
Surr: DCB	60.6	0	12-144		%REC	1	2/1/2014 3:50:00 PM
Surr: TCX	80.3	0	13-145		%REC	1	2/1/2014 3:50:00 PM
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
4,4´-DDD	U	1	2.5		µg/Kg-dry	1	2/1/2014 2:42:00 AM
4,4´-DDE	U	1	2.5		µg/Kg-dry	1	2/1/2014 2:42:00 AM
4,4´-DDT	U	1	2.5		µg/Kg-dry	1	2/1/2014 2:42:00 AM
Aldrin	U	1	2.5		µg/Kg-dry	1	2/1/2014 2:42:00 AM
alpha-BHC	U	1	2.5		µg/Kg-dry	1	2/1/2014 2:42:00 AM
beta-BHC	U	1	2.5		µg/Kg-dry	1	2/1/2014 2:42:00 AM
Chlordane	U	10	20		µg/Kg-dry	1	2/1/2014 2:42:00 AM
Chlorobenzilate	U	1	2.5		µg/Kg-dry	1	2/1/2014 2:42:00 AM
DBCP	U	1	2.5		µg/Kg-dry	1	2/1/2014 2:42:00 AM
delta-BHC	U	1	2.5		µg/Kg-dry	1	2/1/2014 2:42:00 AM
Dieldrin	U	1	2.5		µg/Kg-dry	1	2/1/2014 2:42:00 AM
Endosulfan I	U	1	2.5		µg/Kg-dry	1	2/1/2014 2:42:00 AM
Endosulfan II	U	1	2.5		µg/Kg-dry	1	2/1/2014 2:42:00 AM
Endosulfan sulfate	U	1	2.5		µg/Kg-dry	1	2/1/2014 2:42:00 AM
Endrin	U	1	2.5		µg/Kg-dry	1	2/1/2014 2:42:00 AM
Endrin aldehyde	U	1	2.5		µg/Kg-dry	1	2/1/2014 2:42:00 AM
Endrin ketone	U	1	2.5		µg/Kg-dry	1	2/1/2014 2:42:00 AM
gamma-BHC	U	1	2.5		µg/Kg-dry	1	2/1/2014 2:42:00 AM

American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-1 (9-11)
Lab Order:	1401119	**Collection Date:**	1/29/2014 1:27:00 PM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-002B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
Heptachlor	U	1	2.5		µg/Kg-dry	1	2/1/2014 2:42:00 AM
Heptachlor epoxide	U	1	2.5		µg/Kg-dry	1	2/1/2014 2:42:00 AM
Hexachlorobenzene	U	1	2.5		µg/Kg-dry	1	2/1/2014 2:42:00 AM
Hexachlorocyclopentadiene	U	1	2.5		µg/Kg-dry	1	2/1/2014 2:42:00 AM
Methoxychlor	U	1	2.5		µg/Kg-dry	1	2/1/2014 2:42:00 AM
Toxaphene	U	13	25		µg/Kg-dry	1	2/1/2014 2:42:00 AM
Surr: DCB	69.1	0	16-148		%REC	1	2/1/2014 2:42:00 AM
Surr: TCX	63.0	0	19-145		%REC	1	2/1/2014 2:42:00 AM
PERCENT MOISTURE			**D2216**				Analyst: **CF**
Percent Moisture	2.9	1	1.0		wt%	1	2/5/2014
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Aluminum	2260	0.10	0.410		mg/Kg-dry	1	2/3/2014 12:13:12 PM
Antimony	U	0.21	0.513		mg/Kg-dry	1	2/3/2014 12:13:12 PM
Arsenic	1.07	0.21	0.513		mg/Kg-dry	1	2/3/2014 12:13:12 PM
Barium	21.9	0.21	0.410		mg/Kg-dry	1	2/3/2014 12:13:12 PM
Beryllium	U	0.10	0.410		mg/Kg-dry	1	2/3/2014 12:13:12 PM
Cadmium	U	0.10	0.410		mg/Kg-dry	1	2/3/2014 12:13:12 PM
Calcium	259	0.21	0.513		mg/Kg-dry	1	2/3/2014 12:13:12 PM
Chromium	9.53	0.10	0.410		mg/Kg-dry	1	2/3/2014 12:13:12 PM
Cobalt	U	0.10	0.410		mg/Kg-dry	1	2/3/2014 12:13:12 PM
Copper	6.08	0.10	0.410		mg/Kg-dry	1	2/3/2014 12:13:12 PM
Iron	10500	2.05	4.10		mg/Kg-dry	10	2/3/2014 12:45:42 PM
Lead	2.75	0.21	0.410		mg/Kg-dry	1	2/3/2014 12:13:12 PM
Magnesium	780	0.10	0.410		mg/Kg-dry	1	2/3/2014 12:13:12 PM
Manganese	244	0.10	0.410		mg/Kg-dry	1	2/3/2014 12:13:12 PM
Nickel	6.76	0.10	0.410		mg/Kg-dry	1	2/3/2014 12:13:12 PM
Potassium	503	0.21	0.513		mg/Kg-dry	1	2/3/2014 12:13:12 PM
Selenium	U	0.21	0.513		mg/Kg-dry	1	2/3/2014 12:13:12 PM
Silver	U	0.10	0.410		mg/Kg-dry	1	2/3/2014 12:13:12 PM
Sodium	28.8	0.21	0.513		mg/Kg-dry	1	2/3/2014 12:13:12 PM
Thallium	U	0.31	0.513		mg/Kg-dry	1	2/3/2014 12:13:12 PM
Vanadium	10.1	0.10	0.410		mg/Kg-dry	1	2/3/2014 12:13:12 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, New York, Zip - 11735
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American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-1 (9-11)
Lab Order:	1401119	**Collection Date:**	1/29/2014 1:27:00 PM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-002B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Zinc	10.3	0.10	0.410		mg/Kg-dry	1	2/3/2014 12:13:12 PM
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
1,2,4-Trichlorobenzene	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
1,2-Dichlorobenzene	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
1,3-Dichlorobenzene	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
1,4-Dichlorobenzene	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
2,3,4,6-Tetrachlorophenol	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
2,4,5-Trichlorophenol	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
2,4,6-Trichlorophenol	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
2,4-Dichlorophenol	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
2,4-Dimethylphenol	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
2,4-Dinitrophenol	U	51	510	*	µg/Kg-dry	1	2/3/2014 6:36:00 PM
2,4-Dinitrotoluene	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
2,6-Dinitrotoluene	U	51	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
2-Chloronaphthalene	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
2-Chlorophenol	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
2-Methylnaphthalene	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
2-Methylphenol	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
2-Nitroaniline	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
2-Nitrophenol	U	51	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
3,3´-Dichlorobenzidine	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
3+4-Methylphenol	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
3-Nitroaniline	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
4,6-Dinitro-2-methylphenol	U	51	510	*	µg/Kg-dry	1	2/3/2014 6:36:00 PM
4-Bromophenyl phenyl ether	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
4-Chloro-3-methylphenol	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
4-Chloroaniline	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
4-Chlorophenyl phenyl ether	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
4-Nitroaniline	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
4-Nitrophenol	U	51	510		µg/Kg-dry	1	2/3/2014 6:36:00 PM
Acenaphthene	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
Acenaphthylene	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM

American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-1 (9-11)
Lab Order:	1401119	**Collection Date:**	1/29/2014 1:27:00 PM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-002B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Acetophenone	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
Aniline	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
Anthracene	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
Atrazine	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
Azobenzene	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
Benzaldehyde	U	51	510		µg/Kg-dry	1	2/3/2014 6:36:00 PM
Benzidine	U	51	510		µg/Kg-dry	1	2/3/2014 6:36:00 PM
Benzo(a)anthracene	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
Benzo(a)pyrene	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
Benzo(b)fluoranthene	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
Benzo(g,h,i)perylene	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
Benzo(k)fluoranthene	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
Benzoic acid	U	51	510	*	µg/Kg-dry	1	2/3/2014 6:36:00 PM
Benzyl alcohol	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
Biphenyl	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
Bis(2-chloroethoxy)methane	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
Bis(2-chloroethyl)ether	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
Bis(2-chloroisopropyl)ether	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
Bis(2-ethylhexyl)phthalate	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
Butyl benzyl phthalate	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
Caprolactam	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
Carbazole	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
Chrysene	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
Dibenzo(a,h)anthracene	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
Dibenzofuran	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
Diethyl phthalate	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
Dimethyl phthalate	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
Di-n-butyl phthalate	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
Di-n-octyl phthalate	U	51	510		µg/Kg-dry	1	2/3/2014 6:36:00 PM
Fluoranthene	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
Fluorene	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
Hexachlorobenzene	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
Hexachlorobutadiene	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM

American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-1 (9-11)
Lab Order:	1401119	**Collection Date:**	1/29/2014 1:27:00 PM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-002B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Hexachlorocyclopentadiene	U	51	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
Hexachloroethane	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
Indeno(1,2,3-c,d)pyrene	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
Isophorone	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
Naphthalene	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
Nitrobenzene	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
N-Nitrosodimethylamine	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
N-Nitrosodi-n-propylamine	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
N-Nitrosodiphenylamine	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
Parathion	U	51	510		µg/Kg-dry	1	2/3/2014 6:36:00 PM
Pentachlorophenol	U	51	510		µg/Kg-dry	1	2/3/2014 6:36:00 PM
Phenanthrene	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
Phenol	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
Pyrene	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
Pyridine	U	26	260		µg/Kg-dry	1	2/3/2014 6:36:00 PM
Surr: 2,4,6-Tribromophenol	99.1	0	11-135		%REC	1	2/3/2014 6:36:00 PM
Surr: 2-Fluorobiphenyl	81.2	0	21-143		%REC	1	2/3/2014 6:36:00 PM
Surr: 2-Fluorophenol	98.4	0	14-122		%REC	1	2/3/2014 6:36:00 PM
Surr: 4-Terphenyl-d14	90.1	0	15-137		%REC	1	2/3/2014 6:36:00 PM
Surr: Nitrobenzene-d5	77.0	0	17-136		%REC	1	2/3/2014 6:36:00 PM
Surr: Phenol-d6	102	0	10-116		%REC	1	2/3/2014 6:36:00 PM

American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-4 (0-2)
Lab Order:	1401119	**Collection Date:**	1/29/2014 12:00:00 PM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-003A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
1,1,1,2-Tetrachloroethane	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
1,1,1-Trichloroethane	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
1,1,2,2-Tetrachloroethane	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
1,1,2-Trichloroethane	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
1,1-Dichloroethane	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
1,1-Dichloroethene	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
1,1-Dichloropropene	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
1,2,3-Trichlorobenzene	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
1,2,3-Trichloropropane	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
1,2,4,5-Tetramethylbenzene	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
1,2,4-Trichlorobenzene	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
1,2,4-Trimethylbenzene	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
1,2-Dibromo-3-chloropropane	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
1,2-Dibromoethane	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
1,2-Dichlorobenzene	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
1,2-Dichloroethane	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
1,2-Dichloropropane	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
1,3,5-Trimethylbenzene	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
1,3-Dichlorobenzene	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
1,3-dichloropropane	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
1,4-Dichlorobenzene	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
1,4-Dioxane	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
2,2-Dichloropropane	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
2-Butanone	U	5.1	10		µg/Kg-dry	1	1/30/2014 1:25:00 PM
2-Chloroethyl vinyl ether	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
2-Chlorotoluene	U	1	5.1	*	µg/Kg-dry	1	1/30/2014 1:25:00 PM
2-Hexanone	U	5.1	10		µg/Kg-dry	1	1/30/2014 1:25:00 PM
2-Propanol	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
4-Chlorotoluene	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
4-Isopropyltoluene	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
4-Methyl-2-pentanone	U	5.1	10		µg/Kg-dry	1	1/30/2014 1:25:00 PM
Acetone	4.3	1.3	10	BJ*	µg/Kg-dry	1	1/30/2014 1:25:00 PM

American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-4 (0-2)
Lab Order:	1401119	**Collection Date:**	1/29/2014 12:00:00 PM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-003A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
Benzene	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
Bromobenzene	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
Bromochloromethane	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
Bromodichloromethane	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
Bromoform	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
Bromomethane	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
Carbon disulfide	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
Carbon tetrachloride	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
Chlorobenzene	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
Chlorodifluoromethane	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
Chloroethane	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
Chloroform	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
Chloromethane	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
cis-1,2-Dichloroethene	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
cis-1,3-Dichloropropene	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
Cyclohexane	U	2.1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
Dibromochloromethane	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
Dibromomethane	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
Dichlorodifluoromethane	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
Diisopropyl ether	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
Ethanol	U	10	21		µg/Kg-dry	1	1/30/2014 1:25:00 PM
Ethylbenzene	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
Freon-114	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
Hexachlorobutadiene	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
Isopropylbenzene	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
m,p-Xylene	U	2.1	10		µg/Kg-dry	1	1/30/2014 1:25:00 PM
Methyl Acetate	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
Methyl tert-butyl ether	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
Methylene chloride	8.4	1	5.1	B*	µg/Kg-dry	1	1/30/2014 1:25:00 PM
Naphthalene	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
n-Butylbenzene	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
n-Propylbenzene	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
o-Xylene	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM

American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-4 (0-2)
Lab Order:	1401119	**Collection Date:**	1/29/2014 12:00:00 PM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-003A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
p-Diethylbenzene	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
p-Ethyltoluene	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
sec-Butylbenzene	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
Styrene	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
t-Butyl alcohol	U	2.6	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
tert-Butylbenzene	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
Tetrachloroethene	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
Toluene	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
trans-1,2-Dichloroethene	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
trans-1,3-Dichloropropene	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
Trichloroethene	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
Trichlorofluoromethane	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
Vinyl acetate	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
Vinyl chloride	U	1	5.1		µg/Kg-dry	1	1/30/2014 1:25:00 PM
Surr: 4-Bromofluorobenzene	97.1	0	56-133		%REC	1	1/30/2014 1:25:00 PM
Surr: Dibromofluoromethane	98.3	0	60-132		%REC	1	1/30/2014 1:25:00 PM
Surr: Toluene-d8	99.7	0	69-125		%REC	1	1/30/2014 1:25:00 PM

American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-4 (0-2)
Lab Order:	1401119	**Collection Date:**	1/29/2014 12:00:00 PM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-003B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
MERCURY			**SW7471B**		**SW7471B**		Analyst: **JP**
Mercury	U	0.008	0.0115		mg/Kg-dry	1	2/4/2014 2:48:00 PM
PCB'S AS AROCLORS SW-846 METHOD 8082			**SW8082A**		**SW3546**		Analyst: **SB**
Aroclor 1016	U	10	20		µg/Kg-dry	1	2/1/2014 4:15:00 PM
Aroclor 1221	U	10	20		µg/Kg-dry	1	2/1/2014 4:15:00 PM
Aroclor 1232	U	10	20		µg/Kg-dry	1	2/1/2014 4:15:00 PM
Aroclor 1242	U	10	20		µg/Kg-dry	1	2/1/2014 4:15:00 PM
Aroclor 1248	U	10	20		µg/Kg-dry	1	2/1/2014 4:15:00 PM
Aroclor 1254	U	10	20		µg/Kg-dry	1	2/1/2014 4:15:00 PM
Aroclor 1260	U	10	20		µg/Kg-dry	1	2/1/2014 4:15:00 PM
Aroclor 1262	U	10	20		µg/Kg-dry	1	2/1/2014 4:15:00 PM
Aroclor 1268	U	10	20		µg/Kg-dry	1	2/1/2014 4:15:00 PM
Surr: DCB	62.7	0	12-144		%REC	1	2/1/2014 4:15:00 PM
Surr: TCX	84.7	0	13-145		%REC	1	2/1/2014 4:15:00 PM
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
4,4´-DDD	U	1	2.5		µg/Kg-dry	1	2/1/2014 2:57:00 AM
4,4´-DDE	U	1	2.5		µg/Kg-dry	1	2/1/2014 2:57:00 AM
4,4´-DDT	U	1	2.5		µg/Kg-dry	1	2/1/2014 2:57:00 AM
Aldrin	U	1	2.5		µg/Kg-dry	1	2/1/2014 2:57:00 AM
alpha-BHC	U	1	2.5		µg/Kg-dry	1	2/1/2014 2:57:00 AM
beta-BHC	U	1	2.5		µg/Kg-dry	1	2/1/2014 2:57:00 AM
Chlordane	U	10	20		µg/Kg-dry	1	2/1/2014 2:57:00 AM
Chlorobenzilate	U	1	2.5		µg/Kg-dry	1	2/1/2014 2:57:00 AM
DBCP	U	1	2.5		µg/Kg-dry	1	2/1/2014 2:57:00 AM
delta-BHC	U	1	2.5		µg/Kg-dry	1	2/1/2014 2:57:00 AM
Dieldrin	U	1	2.5		µg/Kg-dry	1	2/1/2014 2:57:00 AM
Endosulfan I	U	1	2.5		µg/Kg-dry	1	2/1/2014 2:57:00 AM
Endosulfan II	U	1	2.5		µg/Kg-dry	1	2/1/2014 2:57:00 AM
Endosulfan sulfate	U	1	2.5		µg/Kg-dry	1	2/1/2014 2:57:00 AM
Endrin	U	1	2.5		µg/Kg-dry	1	2/1/2014 2:57:00 AM
Endrin aldehyde	U	1	2.5		µg/Kg-dry	1	2/1/2014 2:57:00 AM
Endrin ketone	U	1	2.5		µg/Kg-dry	1	2/1/2014 2:57:00 AM
gamma-BHC	U	1	2.5		µg/Kg-dry	1	2/1/2014 2:57:00 AM

American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-4 (0-2)
Lab Order:	1401119	**Collection Date:**	1/29/2014 12:00:00 PM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-003B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
Heptachlor	U	1	2.5		µg/Kg-dry	1	2/1/2014 2:57:00 AM
Heptachlor epoxide	1.2	1	2.5	J	µg/Kg-dry	1	2/1/2014 2:57:00 AM
Hexachlorobenzene	U	1	2.5		µg/Kg-dry	1	2/1/2014 2:57:00 AM
Hexachlorocyclopentadiene	U	1	2.5		µg/Kg-dry	1	2/1/2014 2:57:00 AM
Methoxychlor	U	1	2.5		µg/Kg-dry	1	2/1/2014 2:57:00 AM
Toxaphene	U	13	25		µg/Kg-dry	1	2/1/2014 2:57:00 AM
Surr: DCB	58.6	0	16-148		%REC	1	2/1/2014 2:57:00 AM
Surr: TCX	53.0	0	19-145		%REC	1	2/1/2014 2:57:00 AM
PERCENT MOISTURE			**D2216**				Analyst: **CF**
Percent Moisture	4.6	1	1.0		wt%	1	2/5/2014
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Aluminum	3880	0.10	0.414		mg/Kg-dry	1	2/3/2014 12:15:13 PM
Antimony	U	0.21	0.518		mg/Kg-dry	1	2/3/2014 12:15:13 PM
Arsenic	1.42	0.21	0.518		mg/Kg-dry	1	2/3/2014 12:15:13 PM
Barium	17.4	0.21	0.414		mg/Kg-dry	1	2/3/2014 12:15:13 PM
Beryllium	U	0.10	0.414		mg/Kg-dry	1	2/3/2014 12:15:13 PM
Cadmium	U	0.10	0.414		mg/Kg-dry	1	2/3/2014 12:15:13 PM
Calcium	331	0.21	0.518		mg/Kg-dry	1	2/3/2014 12:15:13 PM
Chromium	10.9	0.10	0.414		mg/Kg-dry	1	2/3/2014 12:15:13 PM
Cobalt	U	0.10	0.414		mg/Kg-dry	1	2/3/2014 12:15:13 PM
Copper	9.49	0.10	0.414		mg/Kg-dry	1	2/3/2014 12:15:13 PM
Iron	11100	2.07	4.14		mg/Kg-dry	10	2/3/2014 12:47:43 PM
Lead	3.32	0.21	0.414		mg/Kg-dry	1	2/3/2014 12:15:13 PM
Magnesium	1210	0.10	0.414		mg/Kg-dry	1	2/3/2014 12:15:13 PM
Manganese	233	0.10	0.414		mg/Kg-dry	1	2/3/2014 12:15:13 PM
Nickel	8.87	0.10	0.414		mg/Kg-dry	1	2/3/2014 12:15:13 PM
Potassium	592	0.21	0.518		mg/Kg-dry	1	2/3/2014 12:15:13 PM
Selenium	U	0.21	0.518		mg/Kg-dry	1	2/3/2014 12:15:13 PM
Silver	U	0.10	0.414		mg/Kg-dry	1	2/3/2014 12:15:13 PM
Sodium	28.0	0.21	0.518		mg/Kg-dry	1	2/3/2014 12:15:13 PM
Thallium	0.382	0.31	0.518	J	mg/Kg-dry	1	2/3/2014 12:15:13 PM
Vanadium	16.4	0.10	0.414		mg/Kg-dry	1	2/3/2014 12:15:13 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, New York, Zip - 11735
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American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-4 (0-2)
Lab Order:	1401119	**Collection Date:**	1/29/2014 12:00:00 PM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-003B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Zinc	14.0	0.10	0.414		mg/Kg-dry	1	2/3/2014 12:15:13 PM
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
1,2,4-Trichlorobenzene	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
1,2-Dichlorobenzene	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
1,3-Dichlorobenzene	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
1,4-Dichlorobenzene	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
2,3,4,6-Tetrachlorophenol	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
2,4,5-Trichlorophenol	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
2,4,6-Trichlorophenol	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
2,4-Dichlorophenol	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
2,4-Dimethylphenol	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
2,4-Dinitrophenol	U	51	510	*	µg/Kg-dry	1	2/3/2014 6:59:00 PM
2,4-Dinitrotoluene	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
2,6-Dinitrotoluene	U	51	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
2-Chloronaphthalene	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
2-Chlorophenol	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
2-Methylnaphthalene	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
2-Methylphenol	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
2-Nitroaniline	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
2-Nitrophenol	U	51	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
3,3´-Dichlorobenzidine	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
3+4-Methylphenol	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
3-Nitroaniline	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
4,6-Dinitro-2-methylphenol	U	51	510	*	µg/Kg-dry	1	2/3/2014 6:59:00 PM
4-Bromophenyl phenyl ether	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
4-Chloro-3-methylphenol	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
4-Chloroaniline	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
4-Chlorophenyl phenyl ether	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
4-Nitroaniline	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
4-Nitrophenol	U	51	510		µg/Kg-dry	1	2/3/2014 6:59:00 PM
Acenaphthene	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
Acenaphthylene	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM

American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-4 (0-2)
Lab Order:	1401119	**Collection Date:**	1/29/2014 12:00:00 PM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-003B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Acetophenone	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
Aniline	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
Anthracene	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
Atrazine	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
Azobenzene	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
Benzaldehyde	U	51	510		µg/Kg-dry	1	2/3/2014 6:59:00 PM
Benzidine	U	51	510		µg/Kg-dry	1	2/3/2014 6:59:00 PM
Benzo(a)anthracene	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
Benzo(a)pyrene	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
Benzo(b)fluoranthene	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
Benzo(g,h,i)perylene	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
Benzo(k)fluoranthene	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
Benzoic acid	U	51	510	*	µg/Kg-dry	1	2/3/2014 6:59:00 PM
Benzyl alcohol	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
Biphenyl	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
Bis(2-chloroethoxy)methane	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
Bis(2-chloroethyl)ether	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
Bis(2-chloroisopropyl)ether	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
Bis(2-ethylhexyl)phthalate	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
Butyl benzyl phthalate	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
Caprolactam	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
Carbazole	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
Chrysene	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
Dibenzo(a,h)anthracene	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
Dibenzofuran	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
Diethyl phthalate	U	25	250	m	µg/Kg-dry	1	2/3/2014 6:59:00 PM
Dimethyl phthalate	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
Di-n-butyl phthalate	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
Di-n-octyl phthalate	U	51	510		µg/Kg-dry	1	2/3/2014 6:59:00 PM
Fluoranthene	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
Fluorene	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
Hexachlorobenzene	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
Hexachlorobutadiene	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM

American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-4 (0-2)
Lab Order:	1401119	**Collection Date:**	1/29/2014 12:00:00 PM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-003B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Hexachlorocyclopentadiene	U	51	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
Hexachloroethane	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
Indeno(1,2,3-c,d)pyrene	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
Isophorone	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
Naphthalene	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
Nitrobenzene	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
N-Nitrosodimethylamine	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
N-Nitrosodi-n-propylamine	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
N-Nitrosodiphenylamine	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
Parathion	U	51	510		µg/Kg-dry	1	2/3/2014 6:59:00 PM
Pentachlorophenol	U	51	510		µg/Kg-dry	1	2/3/2014 6:59:00 PM
Phenanthrene	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
Phenol	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
Pyrene	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
Pyridine	U	25	250		µg/Kg-dry	1	2/3/2014 6:59:00 PM
Surr: 2,4,6-Tribromophenol	99.6	0	11-135		%REC	1	2/3/2014 6:59:00 PM
Surr: 2-Fluorobiphenyl	77.5	0	21-143		%REC	1	2/3/2014 6:59:00 PM
Surr: 2-Fluorophenol	97.5	0	14-122		%REC	1	2/3/2014 6:59:00 PM
Surr: 4-Terphenyl-d14	87.6	0	15-137		%REC	1	2/3/2014 6:59:00 PM
Surr: Nitrobenzene-d5	83.7	0	17-136		%REC	1	2/3/2014 6:59:00 PM
Surr: Phenol-d6	101	0	10-116		%REC	1	2/3/2014 6:59:00 PM

American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-4 (13-15)
Lab Order:	1401119	**Collection Date:**	1/29/2014 12:12:00 PM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-004A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
1,1,1,2-Tetrachloroethane	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
1,1,1-Trichloroethane	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
1,1,2,2-Tetrachloroethane	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
1,1,2-Trichloroethane	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
1,1-Dichloroethane	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
1,1-Dichloroethene	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
1,1-Dichloropropene	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
1,2,3-Trichlorobenzene	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
1,2,3-Trichloropropane	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
1,2,4,5-Tetramethylbenzene	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
1,2,4-Trichlorobenzene	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
1,2,4-Trimethylbenzene	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
1,2-Dibromo-3-chloropropane	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
1,2-Dibromoethane	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
1,2-Dichlorobenzene	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
1,2-Dichloroethane	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
1,2-Dichloropropane	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
1,3,5-Trimethylbenzene	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
1,3-Dichlorobenzene	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
1,3-dichloropropane	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
1,4-Dichlorobenzene	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
1,4-Dioxane	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
2,2-Dichloropropane	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
2-Butanone	U	5.2	10		µg/Kg-dry	1	1/30/2014 1:53:00 PM
2-Chloroethyl vinyl ether	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
2-Chlorotoluene	U	1	5.2	*	µg/Kg-dry	1	1/30/2014 1:53:00 PM
2-Hexanone	U	5.2	10		µg/Kg-dry	1	1/30/2014 1:53:00 PM
2-Propanol	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
4-Chlorotoluene	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
4-Isopropyltoluene	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
4-Methyl-2-pentanone	U	5.2	10		µg/Kg-dry	1	1/30/2014 1:53:00 PM
Acetone	4.5	1.3	10	BJ*	µg/Kg-dry	1	1/30/2014 1:53:00 PM

American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-4 (13-15)
Lab Order:	1401119	**Collection Date:**	1/29/2014 12:12:00 PM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-004A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
Benzene	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
Bromobenzene	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
Bromochloromethane	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
Bromodichloromethane	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
Bromoform	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
Bromomethane	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
Carbon disulfide	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
Carbon tetrachloride	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
Chlorobenzene	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
Chlorodifluoromethane	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
Chloroethane	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
Chloroform	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
Chloromethane	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
cis-1,2-Dichloroethene	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
cis-1,3-Dichloropropene	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
Cyclohexane	U	2.1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
Dibromochloromethane	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
Dibromomethane	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
Dichlorodifluoromethane	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
Diisopropyl ether	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
Ethanol	U	10	21		µg/Kg-dry	1	1/30/2014 1:53:00 PM
Ethylbenzene	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
Freon-114	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
Hexachlorobutadiene	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
Isopropylbenzene	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
m,p-Xylene	U	2.1	10		µg/Kg-dry	1	1/30/2014 1:53:00 PM
Methyl Acetate	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
Methyl tert-butyl ether	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
Methylene chloride	8.6	1	5.2	B*	µg/Kg-dry	1	1/30/2014 1:53:00 PM
Naphthalene	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
n-Butylbenzene	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
n-Propylbenzene	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
o-Xylene	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM

American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-4 (13-15)
Lab Order:	1401119	**Collection Date:**	1/29/2014 12:12:00 PM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-004A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
p-Diethylbenzene	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
p-Ethyltoluene	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
sec-Butylbenzene	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
Styrene	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
t-Butyl alcohol	U	2.6	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
tert-Butylbenzene	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
Tetrachloroethene	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
Toluene	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
trans-1,2-Dichloroethene	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
trans-1,3-Dichloropropene	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
Trichloroethene	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
Trichlorofluoromethane	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
Vinyl acetate	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
Vinyl chloride	U	1	5.2		µg/Kg-dry	1	1/30/2014 1:53:00 PM
Surr: 4-Bromofluorobenzene	96.3	0	56-133		%REC	1	1/30/2014 1:53:00 PM
Surr: Dibromofluoromethane	98.0	0	60-132		%REC	1	1/30/2014 1:53:00 PM
Surr: Toluene-d8	100	0	69-125		%REC	1	1/30/2014 1:53:00 PM

American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-4 (13-15)
Lab Order:	1401119	**Collection Date:**	1/29/2014 12:12:00 PM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-004B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
MERCURY			**SW7471B**		**SW7471B**		Analyst: **JP**
Mercury	U	0.008	0.0124		mg/Kg-dry	1	2/4/2014 2:50:10 PM
PCB'S AS AROCLORS SW-846 METHOD 8082			**SW8082A**		**SW3546**		Analyst: **SB**
Aroclor 1016	U	10	21		µg/Kg-dry	1	2/1/2014 4:39:00 PM
Aroclor 1221	U	10	21		µg/Kg-dry	1	2/1/2014 4:39:00 PM
Aroclor 1232	U	10	21		µg/Kg-dry	1	2/1/2014 4:39:00 PM
Aroclor 1242	U	10	21		µg/Kg-dry	1	2/1/2014 4:39:00 PM
Aroclor 1248	U	10	21		µg/Kg-dry	1	2/1/2014 4:39:00 PM
Aroclor 1254	U	10	21		µg/Kg-dry	1	2/1/2014 4:39:00 PM
Aroclor 1260	U	10	21		µg/Kg-dry	1	2/1/2014 4:39:00 PM
Aroclor 1262	U	10	21		µg/Kg-dry	1	2/1/2014 4:39:00 PM
Aroclor 1268	U	10	21		µg/Kg-dry	1	2/1/2014 4:39:00 PM
Surr: DCB	62.0	0	12-144		%REC	1	2/1/2014 4:39:00 PM
Surr: TCX	78.9	0	13-145		%REC	1	2/1/2014 4:39:00 PM
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
4,4´-DDD	U	1	2.6		µg/Kg-dry	1	2/1/2014 3:11:00 AM
4,4´-DDE	U	1	2.6		µg/Kg-dry	1	2/1/2014 3:11:00 AM
4,4´-DDT	U	1	2.6		µg/Kg-dry	1	2/1/2014 3:11:00 AM
Aldrin	U	1	2.6		µg/Kg-dry	1	2/1/2014 3:11:00 AM
alpha-BHC	U	1	2.6		µg/Kg-dry	1	2/1/2014 3:11:00 AM
beta-BHC	U	1	2.6		µg/Kg-dry	1	2/1/2014 3:11:00 AM
Chlordane	U	10	21		µg/Kg-dry	1	2/1/2014 3:11:00 AM
Chlorobenzilate	U	1	2.6		µg/Kg-dry	1	2/1/2014 3:11:00 AM
DBCP	U	1	2.6		µg/Kg-dry	1	2/1/2014 3:11:00 AM
delta-BHC	U	1	2.6		µg/Kg-dry	1	2/1/2014 3:11:00 AM
Dieldrin	U	1	2.6		µg/Kg-dry	1	2/1/2014 3:11:00 AM
Endosulfan I	U	1	2.6		µg/Kg-dry	1	2/1/2014 3:11:00 AM
Endosulfan II	U	1	2.6		µg/Kg-dry	1	2/1/2014 3:11:00 AM
Endosulfan sulfate	U	1	2.6		µg/Kg-dry	1	2/1/2014 3:11:00 AM
Endrin	U	1	2.6		µg/Kg-dry	1	2/1/2014 3:11:00 AM
Endrin aldehyde	U	1	2.6		µg/Kg-dry	1	2/1/2014 3:11:00 AM
Endrin ketone	U	1	2.6		µg/Kg-dry	1	2/1/2014 3:11:00 AM
gamma-BHC	U	1	2.6		µg/Kg-dry	1	2/1/2014 3:11:00 AM

American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-4 (13-15)
Lab Order:	1401119	**Collection Date:**	1/29/2014 12:12:00 PM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-004B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
Heptachlor	U	1	2.6		µg/Kg-dry	1	2/1/2014 3:11:00 AM
Heptachlor epoxide	1.2	1	2.6	J	µg/Kg-dry	1	2/1/2014 3:11:00 AM
Hexachlorobenzene	U	1	2.6		µg/Kg-dry	1	2/1/2014 3:11:00 AM
Hexachlorocyclopentadiene	U	1	2.6		µg/Kg-dry	1	2/1/2014 3:11:00 AM
Methoxychlor	U	1	2.6		µg/Kg-dry	1	2/1/2014 3:11:00 AM
Toxaphene	U	13	26		µg/Kg-dry	1	2/1/2014 3:11:00 AM
Surr: DCB	69.8	0	16-148		%REC	1	2/1/2014 3:11:00 AM
Surr: TCX	56.0	0	19-145		%REC	1	2/1/2014 3:11:00 AM
PERCENT MOISTURE			**D2216**				Analyst: **CF**
Percent Moisture	4.1	1	1.0		wt%	1	2/5/2014
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Aluminum	1930	0.1	0.395		mg/Kg-dry	1	2/3/2014 12:17:15 PM
Antimony	U	0.2	0.494		mg/Kg-dry	1	2/3/2014 12:17:15 PM
Arsenic	0.884	0.2	0.494		mg/Kg-dry	1	2/3/2014 12:17:15 PM
Barium	18.8	0.2	0.395		mg/Kg-dry	1	2/3/2014 12:17:15 PM
Beryllium	U	0.1	0.395		mg/Kg-dry	1	2/3/2014 12:17:15 PM
Cadmium	U	0.1	0.395		mg/Kg-dry	1	2/3/2014 12:17:15 PM
Calcium	250	0.2	0.494		mg/Kg-dry	1	2/3/2014 12:17:15 PM
Chromium	7.91	0.1	0.395		mg/Kg-dry	1	2/3/2014 12:17:15 PM
Cobalt	U	0.1	0.395		mg/Kg-dry	1	2/3/2014 12:17:15 PM
Copper	5.80	0.1	0.395		mg/Kg-dry	1	2/3/2014 12:17:15 PM
Iron	10600	1.98	3.95		mg/Kg-dry	10	2/3/2014 12:49:45 PM
Lead	2.64	0.2	0.395		mg/Kg-dry	1	2/3/2014 12:17:15 PM
Magnesium	628	0.1	0.395		mg/Kg-dry	1	2/3/2014 12:17:15 PM
Manganese	229	0.1	0.395		mg/Kg-dry	1	2/3/2014 12:17:15 PM
Nickel	6.13	0.1	0.395		mg/Kg-dry	1	2/3/2014 12:17:15 PM
Potassium	388	0.2	0.494		mg/Kg-dry	1	2/3/2014 12:17:15 PM
Selenium	U	0.2	0.494		mg/Kg-dry	1	2/3/2014 12:17:15 PM
Silver	U	0.1	0.395		mg/Kg-dry	1	2/3/2014 12:17:15 PM
Sodium	26.2	0.2	0.494		mg/Kg-dry	1	2/3/2014 12:17:15 PM
Thallium	U	0.3	0.494		mg/Kg-dry	1	2/3/2014 12:17:15 PM
Vanadium	11.5	0.1	0.395		mg/Kg-dry	1	2/3/2014 12:17:15 PM

American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-4 (13-15)
Lab Order:	1401119	**Collection Date:**	1/29/2014 12:12:00 PM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-004B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Zinc	10.4	0.1	0.395		mg/Kg-dry	1	2/3/2014 12:17:15 PM
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
1,2,4-Trichlorobenzene	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
1,2-Dichlorobenzene	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
1,3-Dichlorobenzene	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
1,4-Dichlorobenzene	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
2,3,4,6-Tetrachlorophenol	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
2,4,5-Trichlorophenol	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
2,4,6-Trichlorophenol	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
2,4-Dichlorophenol	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
2,4-Dimethylphenol	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
2,4-Dinitrophenol	U	50	500	*	µg/Kg-dry	1	2/3/2014 7:22:00 PM
2,4-Dinitrotoluene	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
2,6-Dinitrotoluene	U	50	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
2-Chloronaphthalene	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
2-Chlorophenol	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
2-Methylnaphthalene	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
2-Methylphenol	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
2-Nitroaniline	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
2-Nitrophenol	U	50	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
3,3´-Dichlorobenzidine	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
3+4-Methylphenol	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
3-Nitroaniline	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
4,6-Dinitro-2-methylphenol	U	50	500	*	µg/Kg-dry	1	2/3/2014 7:22:00 PM
4-Bromophenyl phenyl ether	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
4-Chloro-3-methylphenol	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
4-Chloroaniline	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
4-Chlorophenyl phenyl ether	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
4-Nitroaniline	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
4-Nitrophenol	U	50	500		µg/Kg-dry	1	2/3/2014 7:22:00 PM
Acenaphthene	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
Acenaphthylene	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM

American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-4 (13-15)
Lab Order:	1401119	**Collection Date:**	1/29/2014 12:12:00 PM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-004B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Acetophenone	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
Aniline	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
Anthracene	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
Atrazine	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
Azobenzene	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
Benzaldehyde	U	50	500		µg/Kg-dry	1	2/3/2014 7:22:00 PM
Benzidine	U	50	500		µg/Kg-dry	1	2/3/2014 7:22:00 PM
Benzo(a)anthracene	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
Benzo(a)pyrene	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
Benzo(b)fluoranthene	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
Benzo(g,h,i)perylene	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
Benzo(k)fluoranthene	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
Benzoic acid	U	50	500	*	µg/Kg-dry	1	2/3/2014 7:22:00 PM
Benzyl alcohol	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
Biphenyl	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
Bis(2-chloroethoxy)methane	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
Bis(2-chloroethyl)ether	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
Bis(2-chloroisopropyl)ether	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
Bis(2-ethylhexyl)phthalate	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
Butyl benzyl phthalate	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
Caprolactam	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
Carbazole	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
Chrysene	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
Dibenzo(a,h)anthracene	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
Dibenzofuran	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
Diethyl phthalate	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
Dimethyl phthalate	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
Di-n-butyl phthalate	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
Di-n-octyl phthalate	U	50	500		µg/Kg-dry	1	2/3/2014 7:22:00 PM
Fluoranthene	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
Fluorene	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
Hexachlorobenzene	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
Hexachlorobutadiene	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM

American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-4 (13-15)
Lab Order:	1401119	**Collection Date:**	1/29/2014 12:12:00 PM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-004B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Hexachlorocyclopentadiene	U	50	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
Hexachloroethane	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
Indeno(1,2,3-c,d)pyrene	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
Isophorone	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
Naphthalene	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
Nitrobenzene	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
N-Nitrosodimethylamine	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
N-Nitrosodi-n-propylamine	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
N-Nitrosodiphenylamine	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
Parathion	U	50	500		µg/Kg-dry	1	2/3/2014 7:22:00 PM
Pentachlorophenol	U	50	500		µg/Kg-dry	1	2/3/2014 7:22:00 PM
Phenanthrene	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
Phenol	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
Pyrene	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
Pyridine	U	25	250		µg/Kg-dry	1	2/3/2014 7:22:00 PM
Surr: 2,4,6-Tribromophenol	99.5	0	11-135		%REC	1	2/3/2014 7:22:00 PM
Surr: 2-Fluorobiphenyl	82.1	0	21-143		%REC	1	2/3/2014 7:22:00 PM
Surr: 2-Fluorophenol	98.9	0	14-122		%REC	1	2/3/2014 7:22:00 PM
Surr: 4-Terphenyl-d14	90.4	0	15-137		%REC	1	2/3/2014 7:22:00 PM
Surr: Nitrobenzene-d5	85.3	0	17-136		%REC	1	2/3/2014 7:22:00 PM
Surr: Phenol-d6	103	0	10-116		%REC	1	2/3/2014 7:22:00 PM

American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-5 (0-2)
Lab Order:	1401119	**Collection Date:**	1/29/2014 11:45:00 AM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-005A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
1,1,1,2-Tetrachloroethane	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
1,1,1-Trichloroethane	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
1,1,2,2-Tetrachloroethane	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
1,1,2-Trichloroethane	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
1,1-Dichloroethane	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
1,1-Dichloroethene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
1,1-Dichloropropene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
1,2,3-Trichlorobenzene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
1,2,3-Trichloropropane	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
1,2,4,5-Tetramethylbenzene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
1,2,4-Trichlorobenzene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
1,2,4-Trimethylbenzene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
1,2-Dibromo-3-chloropropane	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
1,2-Dibromoethane	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
1,2-Dichlorobenzene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
1,2-Dichloroethane	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
1,2-Dichloropropane	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
1,3,5-Trimethylbenzene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
1,3-Dichlorobenzene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
1,3-dichloropropane	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
1,4-Dichlorobenzene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
1,4-Dioxane	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
2,2-Dichloropropane	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
2-Butanone	U	5.4	11		µg/Kg-dry	1	1/30/2014 2:20:00 PM
2-Chloroethyl vinyl ether	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
2-Chlorotoluene	U	1.1	5.4	*	µg/Kg-dry	1	1/30/2014 2:20:00 PM
2-Hexanone	U	5.4	11		µg/Kg-dry	1	1/30/2014 2:20:00 PM
2-Propanol	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
4-Chlorotoluene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
4-Isopropyltoluene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
4-Methyl-2-pentanone	U	5.4	11		µg/Kg-dry	1	1/30/2014 2:20:00 PM
Acetone	4.5	1.3	11	BJ*	µg/Kg-dry	1	1/30/2014 2:20:00 PM

American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-5 (0-2)
Lab Order:	1401119	**Collection Date:**	1/29/2014 11:45:00 AM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-005A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
Benzene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
Bromobenzene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
Bromochloromethane	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
Bromodichloromethane	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
Bromoform	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
Bromomethane	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
Carbon disulfide	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
Carbon tetrachloride	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
Chlorobenzene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
Chlorodifluoromethane	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
Chloroethane	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
Chloroform	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
Chloromethane	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
cis-1,2-Dichloroethene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
cis-1,3-Dichloropropene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
Cyclohexane	U	2.2	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
Dibromochloromethane	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
Dibromomethane	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
Dichlorodifluoromethane	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
Diisopropyl ether	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
Ethanol	U	11	22		µg/Kg-dry	1	1/30/2014 2:20:00 PM
Ethylbenzene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
Freon-114	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
Hexachlorobutadiene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
Isopropylbenzene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
m,p-Xylene	U	2.2	11		µg/Kg-dry	1	1/30/2014 2:20:00 PM
Methyl Acetate	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
Methyl tert-butyl ether	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
Methylene chloride	9.3	1.1	5.4	B*	µg/Kg-dry	1	1/30/2014 2:20:00 PM
Naphthalene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
n-Butylbenzene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
n-Propylbenzene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
o-Xylene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM

American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-5 (0-2)
Lab Order:	1401119	**Collection Date:**	1/29/2014 11:45:00 AM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-005A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
p-Diethylbenzene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
p-Ethyltoluene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
sec-Butylbenzene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
Styrene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
t-Butyl alcohol	U	2.7	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
tert-Butylbenzene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
Tetrachloroethene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
Toluene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
trans-1,2-Dichloroethene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
trans-1,3-Dichloropropene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
Trichloroethene	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
Trichlorofluoromethane	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
Vinyl acetate	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
Vinyl chloride	U	1.1	5.4		µg/Kg-dry	1	1/30/2014 2:20:00 PM
Surr: 4-Bromofluorobenzene	97.2	0	56-133		%REC	1	1/30/2014 2:20:00 PM
Surr: Dibromofluoromethane	99.6	0	60-132		%REC	1	1/30/2014 2:20:00 PM
Surr: Toluene-d8	99.1	0	69-125		%REC	1	1/30/2014 2:20:00 PM

American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-5 (0-2)
Lab Order:	1401119	**Collection Date:**	1/29/2014 11:45:00 AM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-005B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
MERCURY			**SW7471B**		**SW7471B**		Analyst: **JP**
Mercury	0.0329	0.009	0.0129		mg/Kg-dry	1	2/4/2014 2:52:19 PM
PCB'S AS AROCLORS SW-846 METHOD 8082			**SW8082A**		**SW3546**		Analyst: **SB**
Aroclor 1016	U	11	21		µg/Kg-dry	1	2/1/2014 5:04:00 PM
Aroclor 1221	U	11	21		µg/Kg-dry	1	2/1/2014 5:04:00 PM
Aroclor 1232	U	11	21		µg/Kg-dry	1	2/1/2014 5:04:00 PM
Aroclor 1242	U	11	21		µg/Kg-dry	1	2/1/2014 5:04:00 PM
Aroclor 1248	U	11	21		µg/Kg-dry	1	2/1/2014 5:04:00 PM
Aroclor 1254	U	11	21		µg/Kg-dry	1	2/1/2014 5:04:00 PM
Aroclor 1260	U	11	21		µg/Kg-dry	1	2/1/2014 5:04:00 PM
Aroclor 1262	U	11	21		µg/Kg-dry	1	2/1/2014 5:04:00 PM
Aroclor 1268	U	11	21		µg/Kg-dry	1	2/1/2014 5:04:00 PM
Surr: DCB	45.5	0	12-144		%REC	1	2/1/2014 5:04:00 PM
Surr: TCX	74.5	0	13-145		%REC	1	2/1/2014 5:04:00 PM
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
4,4´-DDD	U	1.1	2.7		µg/Kg-dry	1	2/1/2014 3:25:00 AM
4,4´-DDE	U	1.1	2.7		µg/Kg-dry	1	2/1/2014 3:25:00 AM
4,4´-DDT	U	1.1	2.7		µg/Kg-dry	1	2/1/2014 3:25:00 AM
Aldrin	U	1.1	2.7		µg/Kg-dry	1	2/1/2014 3:25:00 AM
alpha-BHC	U	1.1	2.7		µg/Kg-dry	1	2/1/2014 3:25:00 AM
beta-BHC	U	1.1	2.7		µg/Kg-dry	1	2/1/2014 3:25:00 AM
Chlordane	U	11	21		µg/Kg-dry	1	2/1/2014 3:25:00 AM
Chlorobenzilate	U	1.1	2.7		µg/Kg-dry	1	2/1/2014 3:25:00 AM
DBCP	U	1.1	2.7		µg/Kg-dry	1	2/1/2014 3:25:00 AM
delta-BHC	U	1.1	2.7		µg/Kg-dry	1	2/1/2014 3:25:00 AM
Dieldrin	U	1.1	2.7		µg/Kg-dry	1	2/1/2014 3:25:00 AM
Endosulfan I	U	1.1	2.7		µg/Kg-dry	1	2/1/2014 3:25:00 AM
Endosulfan II	U	1.1	2.7		µg/Kg-dry	1	2/1/2014 3:25:00 AM
Endosulfan sulfate	U	1.1	2.7		µg/Kg-dry	1	2/1/2014 3:25:00 AM
Endrin	U	1.1	2.7		µg/Kg-dry	1	2/1/2014 3:25:00 AM
Endrin aldehyde	U	1.1	2.7		µg/Kg-dry	1	2/1/2014 3:25:00 AM
Endrin ketone	U	1.1	2.7		µg/Kg-dry	1	2/1/2014 3:25:00 AM
gamma-BHC	U	1.1	2.7		µg/Kg-dry	1	2/1/2014 3:25:00 AM

American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-5 (0-2)
Lab Order:	1401119	**Collection Date:**	1/29/2014 11:45:00 AM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-005B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
Heptachlor	U	1.1	2.7		µg/Kg-dry	1	2/1/2014 3:25:00 AM
Heptachlor epoxide	U	1.1	2.7		µg/Kg-dry	1	2/1/2014 3:25:00 AM
Hexachlorobenzene	U	1.1	2.7		µg/Kg-dry	1	2/1/2014 3:25:00 AM
Hexachlorocyclopentadiene	U	1.1	2.7		µg/Kg-dry	1	2/1/2014 3:25:00 AM
Methoxychlor	U	1.1	2.7		µg/Kg-dry	1	2/1/2014 3:25:00 AM
Toxaphene	U	13	27		µg/Kg-dry	1	2/1/2014 3:25:00 AM
Surr: DCB	39.6	0	16-148		%REC	1	2/1/2014 3:25:00 AM
Surr: TCX	38.9	0	19-145		%REC	1	2/1/2014 3:25:00 AM
PERCENT MOISTURE			**D2216**				Analyst: **CF**
Percent Moisture	9.0	1	1.0		wt%	1	2/5/2014
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Aluminum	9910	1.07	4.29		mg/Kg-dry	10	2/3/2014 12:51:47 PM
Antimony	U	0.22	0.537		mg/Kg-dry	1	2/3/2014 12:19:16 PM
Arsenic	3.30	0.22	0.537		mg/Kg-dry	1	2/3/2014 12:19:16 PM
Barium	35.5	0.22	0.429		mg/Kg-dry	1	2/3/2014 12:19:16 PM
Beryllium	U	0.11	0.429		mg/Kg-dry	1	2/3/2014 12:19:16 PM
Cadmium	U	0.11	0.429		mg/Kg-dry	1	2/3/2014 12:19:16 PM
Calcium	726	0.22	0.537		mg/Kg-dry	1	2/3/2014 12:19:16 PM
Chromium	18.0	0.11	0.429		mg/Kg-dry	1	2/3/2014 12:19:16 PM
Cobalt	U	0.11	0.429		mg/Kg-dry	1	2/3/2014 12:19:16 PM
Copper	11.4	0.11	0.429		mg/Kg-dry	1	2/3/2014 12:19:16 PM
Iron	12800	2.15	4.29		mg/Kg-dry	10	2/3/2014 12:51:47 PM
Lead	12.1	0.22	0.429		mg/Kg-dry	1	2/3/2014 12:19:16 PM
Magnesium	1600	0.11	0.429		mg/Kg-dry	1	2/3/2014 12:19:16 PM
Manganese	214	0.11	0.429		mg/Kg-dry	1	2/3/2014 12:19:16 PM
Nickel	9.64	0.11	0.429		mg/Kg-dry	1	2/3/2014 12:19:16 PM
Potassium	740	0.22	0.537		mg/Kg-dry	1	2/3/2014 12:19:16 PM
Selenium	U	0.22	0.537		mg/Kg-dry	1	2/3/2014 12:19:16 PM
Silver	U	0.11	0.429		mg/Kg-dry	1	2/3/2014 12:19:16 PM
Sodium	55.5	0.22	0.537		mg/Kg-dry	1	2/3/2014 12:19:16 PM
Thallium	0.500	0.32	0.537	J	mg/Kg-dry	1	2/3/2014 12:19:16 PM
Vanadium	24.5	0.11	0.429		mg/Kg-dry	1	2/3/2014 12:19:16 PM

American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-5 (0-2)
Lab Order:	1401119	**Collection Date:**	1/29/2014 11:45:00 AM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-005B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Zinc	29.2	0.11	0.429		mg/Kg-dry	1	2/3/2014 12:19:16 PM
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
1,2,4-Trichlorobenzene	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
1,2-Dichlorobenzene	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
1,3-Dichlorobenzene	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
1,4-Dichlorobenzene	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
2,3,4,6-Tetrachlorophenol	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
2,4,5-Trichlorophenol	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
2,4,6-Trichlorophenol	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
2,4-Dichlorophenol	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
2,4-Dimethylphenol	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
2,4-Dinitrophenol	U	55	550	*	µg/Kg-dry	1	2/3/2014 7:45:00 PM
2,4-Dinitrotoluene	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
2,6-Dinitrotoluene	U	55	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
2-Chloronaphthalene	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
2-Chlorophenol	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
2-Methylnaphthalene	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
2-Methylphenol	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
2-Nitroaniline	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
2-Nitrophenol	U	55	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
3,3´-Dichlorobenzidine	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
3+4-Methylphenol	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
3-Nitroaniline	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
4,6-Dinitro-2-methylphenol	U	55	550	*	µg/Kg-dry	1	2/3/2014 7:45:00 PM
4-Bromophenyl phenyl ether	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
4-Chloro-3-methylphenol	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
4-Chloroaniline	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
4-Chlorophenyl phenyl ether	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
4-Nitroaniline	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
4-Nitrophenol	U	55	550		µg/Kg-dry	1	2/3/2014 7:45:00 PM
Acenaphthene	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
Acenaphthylene	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM

American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-5 (0-2)
Lab Order:	1401119	**Collection Date:**	1/29/2014 11:45:00 AM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-005B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Acetophenone	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
Aniline	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
Anthracene	U	27	270	m	µg/Kg-dry	1	2/3/2014 7:45:00 PM
Atrazine	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
Azobenzene	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
Benzaldehyde	U	55	550		µg/Kg-dry	1	2/3/2014 7:45:00 PM
Benzidine	U	55	550		µg/Kg-dry	1	2/3/2014 7:45:00 PM
Benzo(a)anthracene	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
Benzo(a)pyrene	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
Benzo(b)fluoranthene	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
Benzo(g,h,i)perylene	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
Benzo(k)fluoranthene	U	27	270	m	µg/Kg-dry	1	2/3/2014 7:45:00 PM
Benzoic acid	U	55	550	*	µg/Kg-dry	1	2/3/2014 7:45:00 PM
Benzyl alcohol	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
Biphenyl	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
Bis(2-chloroethoxy)methane	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
Bis(2-chloroethyl)ether	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
Bis(2-chloroisopropyl)ether	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
Bis(2-ethylhexyl)phthalate	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
Butyl benzyl phthalate	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
Caprolactam	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
Carbazole	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
Chrysene	U	27	270	m	µg/Kg-dry	1	2/3/2014 7:45:00 PM
Dibenzo(a,h)anthracene	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
Dibenzofuran	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
Diethyl phthalate	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
Dimethyl phthalate	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
Di-n-butyl phthalate	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
Di-n-octyl phthalate	U	55	550		µg/Kg-dry	1	2/3/2014 7:45:00 PM
Fluoranthene	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
Fluorene	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
Hexachlorobenzene	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
Hexachlorobutadiene	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM

American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-5 (0-2)
Lab Order:	1401119	**Collection Date:**	1/29/2014 11:45:00 AM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-005B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Hexachlorocyclopentadiene	U	55	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
Hexachloroethane	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
Indeno(1,2,3-c,d)pyrene	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
Isophorone	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
Naphthalene	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
Nitrobenzene	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
N-Nitrosodimethylamine	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
N-Nitrosodi-n-propylamine	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
N-Nitrosodiphenylamine	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
Parathion	U	55	550		µg/Kg-dry	1	2/3/2014 7:45:00 PM
Pentachlorophenol	U	55	550		µg/Kg-dry	1	2/3/2014 7:45:00 PM
Phenanthrene	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
Phenol	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
Pyrene	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
Pyridine	U	27	270		µg/Kg-dry	1	2/3/2014 7:45:00 PM
Surr: 2,4,6-Tribromophenol	94.0	0	11-135		%REC	1	2/3/2014 7:45:00 PM
Surr: 2-Fluorobiphenyl	76.8	0	21-143		%REC	1	2/3/2014 7:45:00 PM
Surr: 2-Fluorophenol	91.6	0	14-122		%REC	1	2/3/2014 7:45:00 PM
Surr: 4-Terphenyl-d14	88.6	0	15-137		%REC	1	2/3/2014 7:45:00 PM
Surr: Nitrobenzene-d5	76.6	0	17-136		%REC	1	2/3/2014 7:45:00 PM
Surr: Phenol-d6	98.0	0	10-116		%REC	1	2/3/2014 7:45:00 PM

American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-5 (3-5)
Lab Order:	1401119	**Collection Date:**	1/29/2014 11:48:00 AM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-006A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
1,1,1,2-Tetrachloroethane	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
1,1,1-Trichloroethane	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
1,1,2,2-Tetrachloroethane	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
1,1,2-Trichloroethane	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
1,1-Dichloroethane	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
1,1-Dichloroethene	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
1,1-Dichloropropene	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
1,2,3-Trichlorobenzene	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
1,2,3-Trichloropropane	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
1,2,4,5-Tetramethylbenzene	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
1,2,4-Trichlorobenzene	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
1,2,4-Trimethylbenzene	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
1,2-Dibromo-3-chloropropane	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
1,2-Dibromoethane	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
1,2-Dichlorobenzene	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
1,2-Dichloroethane	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
1,2-Dichloropropane	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
1,3,5-Trimethylbenzene	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
1,3-Dichlorobenzene	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
1,3-dichloropropane	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
1,4-Dichlorobenzene	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
1,4-Dioxane	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
2,2-Dichloropropane	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
2-Butanone	U	5	10		µg/Kg-dry	1	1/30/2014 2:48:00 PM
2-Chloroethyl vinyl ether	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
2-Chlorotoluene	U	1	5.0	*	µg/Kg-dry	1	1/30/2014 2:48:00 PM
2-Hexanone	U	5	10		µg/Kg-dry	1	1/30/2014 2:48:00 PM
2-Propanol	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
4-Chlorotoluene	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
4-Isopropyltoluene	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
4-Methyl-2-pentanone	U	5	10		µg/Kg-dry	1	1/30/2014 2:48:00 PM
Acetone	4.7	1.3	10	BJ*	µg/Kg-dry	1	1/30/2014 2:48:00 PM

American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-5 (3-5)
Lab Order:	1401119	**Collection Date:**	1/29/2014 11:48:00 AM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-006A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
Benzene	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
Bromobenzene	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
Bromochloromethane	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
Bromodichloromethane	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
Bromoform	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
Bromomethane	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
Carbon disulfide	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
Carbon tetrachloride	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
Chlorobenzene	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
Chlorodifluoromethane	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
Chloroethane	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
Chloroform	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
Chloromethane	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
cis-1,2-Dichloroethene	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
cis-1,3-Dichloropropene	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
Cyclohexane	U	2	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
Dibromochloromethane	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
Dibromomethane	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
Dichlorodifluoromethane	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
Diisopropyl ether	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
Ethanol	U	10	20		µg/Kg-dry	1	1/30/2014 2:48:00 PM
Ethylbenzene	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
Freon-114	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
Hexachlorobutadiene	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
Isopropylbenzene	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
m,p-Xylene	U	2	10		µg/Kg-dry	1	1/30/2014 2:48:00 PM
Methyl Acetate	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
Methyl tert-butyl ether	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
Methylene chloride	9.0	1	5.0	B*	µg/Kg-dry	1	1/30/2014 2:48:00 PM
Naphthalene	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
n-Butylbenzene	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
n-Propylbenzene	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
o-Xylene	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM

American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-5 (3-5)
Lab Order:	1401119	**Collection Date:**	1/29/2014 11:48:00 AM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-006A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
p-Diethylbenzene	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
p-Ethyltoluene	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
sec-Butylbenzene	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
Styrene	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
t-Butyl alcohol	U	2.5	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
tert-Butylbenzene	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
Tetrachloroethene	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
Toluene	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
trans-1,2-Dichloroethene	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
trans-1,3-Dichloropropene	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
Trichloroethene	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
Trichlorofluoromethane	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
Vinyl acetate	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
Vinyl chloride	U	1	5.0		µg/Kg-dry	1	1/30/2014 2:48:00 PM
Surr: 4-Bromofluorobenzene	97.9	0	56-133		%REC	1	1/30/2014 2:48:00 PM
Surr: Dibromofluoromethane	99.3	0	60-132		%REC	1	1/30/2014 2:48:00 PM
Surr: Toluene-d8	100	0	69-125		%REC	1	1/30/2014 2:48:00 PM

American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-5 (3-5)
Lab Order:	1401119	**Collection Date:**	1/29/2014 11:48:00 AM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-006B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
MERCURY			**SW7471B**		**SW7471B**		Analyst: **JP**
Mercury	U	0.008	0.0123		mg/Kg-dry	1	2/4/2014 2:54:28 PM
PCB'S AS AROCLORS SW-846 METHOD 8082			**SW8082A**		**SW3546**		Analyst: **SB**
Aroclor 1016	U	10	20		µg/Kg-dry	1	2/1/2014 5:28:00 PM
Aroclor 1221	U	10	20		µg/Kg-dry	1	2/1/2014 5:28:00 PM
Aroclor 1232	U	10	20		µg/Kg-dry	1	2/1/2014 5:28:00 PM
Aroclor 1242	U	10	20		µg/Kg-dry	1	2/1/2014 5:28:00 PM
Aroclor 1248	U	10	20		µg/Kg-dry	1	2/1/2014 5:28:00 PM
Aroclor 1254	U	10	20		µg/Kg-dry	1	2/1/2014 5:28:00 PM
Aroclor 1260	U	10	20		µg/Kg-dry	1	2/1/2014 5:28:00 PM
Aroclor 1262	U	10	20		µg/Kg-dry	1	2/1/2014 5:28:00 PM
Aroclor 1268	U	10	20		µg/Kg-dry	1	2/1/2014 5:28:00 PM
Surr: DCB	37.2	0	12-144		%REC	1	2/1/2014 5:28:00 PM
Surr: TCX	88.0	0	13-145		%REC	1	2/1/2014 5:28:00 PM
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
4,4´-DDD	U	1	2.5		µg/Kg-dry	1	2/1/2014 3:39:00 AM
4,4´-DDE	U	1	2.5		µg/Kg-dry	1	2/1/2014 3:39:00 AM
4,4´-DDT	U	1	2.5		µg/Kg-dry	1	2/1/2014 3:39:00 AM
Aldrin	U	1	2.5		µg/Kg-dry	1	2/1/2014 3:39:00 AM
alpha-BHC	U	1	2.5		µg/Kg-dry	1	2/1/2014 3:39:00 AM
beta-BHC	U	1	2.5		µg/Kg-dry	1	2/1/2014 3:39:00 AM
Chlordane	U	10	20		µg/Kg-dry	1	2/1/2014 3:39:00 AM
Chlorobenzilate	U	1	2.5		µg/Kg-dry	1	2/1/2014 3:39:00 AM
DBCP	U	1	2.5		µg/Kg-dry	1	2/1/2014 3:39:00 AM
delta-BHC	U	1	2.5		µg/Kg-dry	1	2/1/2014 3:39:00 AM
Dieldrin	U	1	2.5		µg/Kg-dry	1	2/1/2014 3:39:00 AM
Endosulfan I	U	1	2.5		µg/Kg-dry	1	2/1/2014 3:39:00 AM
Endosulfan II	U	1	2.5		µg/Kg-dry	1	2/1/2014 3:39:00 AM
Endosulfan sulfate	U	1	2.5		µg/Kg-dry	1	2/1/2014 3:39:00 AM
Endrin	U	1	2.5		µg/Kg-dry	1	2/1/2014 3:39:00 AM
Endrin aldehyde	U	1	2.5		µg/Kg-dry	1	2/1/2014 3:39:00 AM
Endrin ketone	U	1	2.5		µg/Kg-dry	1	2/1/2014 3:39:00 AM
gamma-BHC	U	1	2.5		µg/Kg-dry	1	2/1/2014 3:39:00 AM

American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-5 (3-5)
Lab Order:	1401119	**Collection Date:**	1/29/2014 11:48:00 AM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-006B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
Heptachlor	U	1	2.5		µg/Kg-dry	1	2/1/2014 3:39:00 AM
Heptachlor epoxide	U	1	2.5		µg/Kg-dry	1	2/1/2014 3:39:00 AM
Hexachlorobenzene	U	1	2.5		µg/Kg-dry	1	2/1/2014 3:39:00 AM
Hexachlorocyclopentadiene	U	1	2.5		µg/Kg-dry	1	2/1/2014 3:39:00 AM
Methoxychlor	U	1	2.5		µg/Kg-dry	1	2/1/2014 3:39:00 AM
Toxaphene	U	13	25		µg/Kg-dry	1	2/1/2014 3:39:00 AM
Surr: DCB	97.4	0	16-148		%REC	1	2/1/2014 3:39:00 AM
Surr: TCX	72.9	0	19-145		%REC	1	2/1/2014 3:39:00 AM
PERCENT MOISTURE			**D2216**				Analyst: **CF**
Percent Moisture	2.2	1	1.0		wt%	1	2/5/2014
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Aluminum	2370	0.1	0.399		mg/Kg-dry	1	2/3/2014 12:21:18 PM
Antimony	U	0.2	0.499		mg/Kg-dry	1	2/3/2014 12:21:18 PM
Arsenic	0.843	0.2	0.499		mg/Kg-dry	1	2/3/2014 12:21:18 PM
Barium	10.8	0.2	0.399		mg/Kg-dry	1	2/3/2014 12:21:18 PM
Beryllium	U	0.1	0.399		mg/Kg-dry	1	2/3/2014 12:21:18 PM
Cadmium	U	0.1	0.399		mg/Kg-dry	1	2/3/2014 12:21:18 PM
Calcium	247	0.2	0.499		mg/Kg-dry	1	2/3/2014 12:21:18 PM
Chromium	7.24	0.1	0.399		mg/Kg-dry	1	2/3/2014 12:21:18 PM
Cobalt	U	0.1	0.399		mg/Kg-dry	1	2/3/2014 12:21:18 PM
Copper	6.53	0.1	0.399		mg/Kg-dry	1	2/3/2014 12:21:18 PM
Iron	7490	2	3.99		mg/Kg-dry	10	2/3/2014 12:53:49 PM
Lead	2.17	0.2	0.399		mg/Kg-dry	1	2/3/2014 12:21:18 PM
Magnesium	628	0.1	0.399		mg/Kg-dry	1	2/3/2014 12:21:18 PM
Manganese	160	0.1	0.399		mg/Kg-dry	1	2/3/2014 12:21:18 PM
Nickel	5.08	0.1	0.399		mg/Kg-dry	1	2/3/2014 12:21:18 PM
Potassium	294	0.2	0.499		mg/Kg-dry	1	2/3/2014 12:21:18 PM
Selenium	U	0.2	0.499		mg/Kg-dry	1	2/3/2014 12:21:18 PM
Silver	U	0.1	0.399		mg/Kg-dry	1	2/3/2014 12:21:18 PM
Sodium	19.3	0.2	0.499		mg/Kg-dry	1	2/3/2014 12:21:18 PM
Thallium	U	0.3	0.499		mg/Kg-dry	1	2/3/2014 12:21:18 PM
Vanadium	9.33	0.1	0.399		mg/Kg-dry	1	2/3/2014 12:21:18 PM

American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-5 (3-5)
Lab Order:	1401119	**Collection Date:**	1/29/2014 11:48:00 AM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-006B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Zinc	8.95	0.1	0.399		mg/Kg-dry	1	2/3/2014 12:21:18 PM
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
1,2,4-Trichlorobenzene	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
1,2-Dichlorobenzene	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
1,3-Dichlorobenzene	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
1,4-Dichlorobenzene	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
2,3,4,6-Tetrachlorophenol	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
2,4,5-Trichlorophenol	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
2,4,6-Trichlorophenol	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
2,4-Dichlorophenol	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
2,4-Dimethylphenol	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
2,4-Dinitrophenol	U	50.8	510	*	µg/Kg-dry	1	2/5/2014 4:30:00 PM
2,4-Dinitrotoluene	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
2,6-Dinitrotoluene	U	50.8	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
2-Chloronaphthalene	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
2-Chlorophenol	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
2-Methylnaphthalene	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
2-Methylphenol	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
2-Nitroaniline	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
2-Nitrophenol	U	50.8	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
3,3´-Dichlorobenzidine	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
3+4-Methylphenol	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
3-Nitroaniline	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
4,6-Dinitro-2-methylphenol	U	50.8	510	*	µg/Kg-dry	1	2/5/2014 4:30:00 PM
4-Bromophenyl phenyl ether	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
4-Chloro-3-methylphenol	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
4-Chloroaniline	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
4-Chlorophenyl phenyl ether	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
4-Nitroaniline	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
4-Nitrophenol	U	50.8	510		µg/Kg-dry	1	2/5/2014 4:30:00 PM
Acenaphthene	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
Acenaphthylene	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM

American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-5 (3-5)
Lab Order:	1401119	**Collection Date:**	1/29/2014 11:48:00 AM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-006B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Acetophenone	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
Aniline	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
Anthracene	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
Atrazine	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
Azobenzene	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
Benzaldehyde	U	50.8	510		µg/Kg-dry	1	2/5/2014 4:30:00 PM
Benzidine	U	50.8	510	*	µg/Kg-dry	1	2/5/2014 4:30:00 PM
Benzo(a)anthracene	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
Benzo(a)pyrene	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
Benzo(b)fluoranthene	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
Benzo(g,h,i)perylene	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
Benzo(k)fluoranthene	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
Benzoic acid	U	50.8	510	*	µg/Kg-dry	1	2/5/2014 4:30:00 PM
Benzyl alcohol	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
Biphenyl	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
Bis(2-chloroethoxy)methane	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
Bis(2-chloroethyl)ether	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
Bis(2-chloroisopropyl)ether	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
Bis(2-ethylhexyl)phthalate	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
Butyl benzyl phthalate	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
Caprolactam	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
Carbazole	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
Chrysene	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
Dibenzo(a,h)anthracene	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
Dibenzofuran	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
Diethyl phthalate	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
Dimethyl phthalate	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
Di-n-butyl phthalate	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
Di-n-octyl phthalate	U	50.8	510		µg/Kg-dry	1	2/5/2014 4:30:00 PM
Fluoranthene	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
Fluorene	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
Hexachlorobenzene	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
Hexachlorobutadiene	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM

American Analytical Laboratories, LLC.

Date: *06-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-5 (3-5)
Lab Order:	1401119	**Collection Date:**	1/29/2014 11:48:00 AM
Project:	Liberty Ave., 102- 14/16 Ozone Park, NY	**Matrix:**	SOIL
Lab ID:	1401119-006B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Hexachlorocyclopentadiene	U	50.8	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
Hexachloroethane	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
Indeno(1,2,3-c,d)pyrene	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
Isophorone	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
Naphthalene	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
Nitrobenzene	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
N-Nitrosodimethylamine	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
N-Nitrosodi-n-propylamine	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
N-Nitrosodiphenylamine	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
Parathion	U	50.8	510		µg/Kg-dry	1	2/5/2014 4:30:00 PM
Pentachlorophenol	U	50.8	510		µg/Kg-dry	1	2/5/2014 4:30:00 PM
Phenanthrene	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
Phenol	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
Pyrene	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
Pyridine	U	25.4	250		µg/Kg-dry	1	2/5/2014 4:30:00 PM
Surr: 2,4,6-Tribromophenol	30.6	0	11-135		%REC	1	2/4/2014 7:18:00 PM
Surr: 2,4,6-Tribromophenol	81.8	0	11-135		%REC	1	2/5/2014 4:30:00 PM
Surr: 2-Fluorobiphenyl	73.4	0	21-143		%REC	1	2/5/2014 4:30:00 PM
Surr: 2-Fluorobiphenyl	3.24	0	21-143	S	%REC	1	2/4/2014 7:18:00 PM
Surr: 2-Fluorophenol	93.1	0	14-122		%REC	1	2/5/2014 4:30:00 PM
Surr: 2-Fluorophenol	31.9	0	14-122		%REC	1	2/4/2014 7:18:00 PM
Surr: 4-Terphenyl-d14	69.1	0	15-137		%REC	1	2/5/2014 4:30:00 PM
Surr: 4-Terphenyl-d14	12.5	0	15-137	S	%REC	1	2/4/2014 7:18:00 PM
Surr: Nitrobenzene-d5	20.7	0	17-136		%REC	1	2/4/2014 7:18:00 PM
Surr: Nitrobenzene-d5	69.0	0	17-136		%REC	1	2/5/2014 4:30:00 PM
Surr: Phenol-d6	38.9	0	10-116		%REC	1	2/4/2014 7:18:00 PM
Surr: Phenol-d6	92.9	0	10-116		%REC	1	2/5/2014 4:30:00 PM

American Analytical Laboratories, LLC.
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Website: www.American-Analytical.com

QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **8081_S**

Sample ID	**MB-202**	SampType:	**MBLK**	TestCode:	**8081_S**	Units:	**µg/Kg**	Prep Date:	**1/30/2014**	RunNo:	**305**
Client ID:	**PBS**	Batch ID:	**202**	TestNo:	**SW8081B**	**SW3546**		Analysis Date:	**2/1/2014**	SeqNo:	**5717**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	U	2.5									
4,4´-DDE	U	2.5									
4,4´-DDT	U	2.5									
Aldrin	U	2.5									
alpha-BHC	U	2.5									
beta-BHC	U	2.5									
Chlordane	U	20									
Chlorobenzilate	U	2.5									
DBCP	U	2.5									
delta-BHC	U	2.5									
Dieldrin	U	2.5									
Endosulfan I	U	2.5									
Endosulfan II	U	2.5									
Endosulfan sulfate	U	2.5									
Endrin	U	2.5									
Endrin aldehyde	U	2.5									
Endrin ketone	U	2.5									
gamma-BHC	U	2.5									
Heptachlor	U	2.5									
Heptachlor epoxide	U	2.5									
Hexachlorobenzene	U	2.5									
Hexachlorocyclopentadiene	U	2.5									
Methoxychlor	U	2.5									
Toxaphene	U	25									
Surr: DCB	18		24.81		72.0	16	148				
Surr: TCX	15		24.81		62.3	19	145				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **8081_S**

Sample ID	**MB-202**	SampType:	**MBLK**	TestCode:	**8081_S**	Units:	**µg/Kg**	Prep Date:	**1/30/2014**	RunNo:	**305**
Client ID:	**PBS**	Batch ID:	**202**	TestNo:	**SW8081B**	**SW3546**		Analysis Date:	**2/1/2014**	SeqNo:	**5717**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID	**LCS-202**	SampType:	**LCS**	TestCode:	**8081_S**	Units:	**µg/Kg**	Prep Date:	**1/30/2014**	RunNo:	**305**
Client ID:	**LCSS**	Batch ID:	**202**	TestNo:	**SW8081B**	**SW3546**		Analysis Date:	**2/1/2014**	SeqNo:	**5718**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	3.4	2.4	9.671	0	35.6	23	144				
4,4´-DDE	5.0	2.4	9.671	0	51.9	27	146				
4,4´-DDT	6.2	2.4	9.671	0	64.5	24	148				
Aldrin	6.1	2.4	9.671	0	63.6	28	144				
alpha-BHC	6.0	2.4	9.671	0	61.9	28	142				
beta-BHC	8.4	2.4	9.671	0	86.7	27	147				
delta-BHC	6.2	2.4	9.671	0	63.9	20	138				
Dieldrin	5.5	2.4	9.671	0	57.3	30	141				
Endosulfan I	5.4	2.4	9.671	0	56.2	23	137				
Endosulfan II	5.1	2.4	9.671	0	52.4	20	139				
Endosulfan sulfate	7.2	2.4	9.671	0	74.4	27	146				
Endrin	5.8	2.4	9.671	0	59.5	24	148				
Endrin aldehyde	5.8	2.4	9.671	0	59.6	24	147				
Endrin ketone	4.8	2.4	9.671	0	50.1	21	145				
gamma-BHC	5.3	2.4	9.671	0	55.0	21	149				
Heptachlor	6.4	2.4	9.671	0	65.8	20	149				
Heptachlor epoxide	7.5	2.4	9.671	0	77.4	21	149				
Methoxychlor	6.4	2.4	9.671	0	66.3	29	147				
Surr: DCB	11		24.18		45.4	16	148				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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Website: www.American-Analytical.com

QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **8081_S**

Sample ID	**LCS-202**	SampType:	**LCS**	TestCode:	**8081_S**	Units:	**µg/Kg**	Prep Date:	**1/30/2014**	RunNo:	**305**				
Client ID:	**LCSS**	Batch ID:	**202**	TestNo:	**SW8081B**	**SW3546**		Analysis Date:	**2/1/2014**	SeqNo:	**5718**				
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Surr: TCX		9.6			24.18			39.7	19	145					

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **8082_S**

Sample ID **MB-201** SampType: **MBLK** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **1/30/2014** RunNo: **304**

Client ID: **PBS** Batch ID: **201** TestNo: **SW8082A** **SW3546** Analysis Date: **2/1/2014** SeqNo: **5703**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	U	19									
Aroclor 1221	U	19									
Aroclor 1232	U	19									
Aroclor 1242	U	19									
Aroclor 1248	U	19									
Aroclor 1254	U	19									
Aroclor 1260	U	19									
Aroclor 1262	U	19									
Aroclor 1268	U	19									
Surr: DCB	16		24.18		65.3	12	144				
Surr: TCX	16		24.18		68.1	13	145				

Sample ID **LCS-201** SampType: **LCS** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **1/30/2014** RunNo: **304**

Client ID: **LCSS** Batch ID: **201** TestNo: **SW8082A** **SW3546** Analysis Date: **2/1/2014** SeqNo: **5704**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1248	170	20	248.8	0	70.0	35	135				
Surr: DCB	17		24.88		67.2	12	144				
Surr: TCX	17		24.88		69.9	13	145				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **8260_S**

Sample ID **LCS-194** SampType: **LCS** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **1/30/2014** RunNo: **325**

Client ID: **LCSS** Batch ID: **194b** TestNo: **SW8260C** Analysis Date: **1/30/2014** SeqNo: **5946**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	51	5.0	50.00	0	101	40	125				
1,1,2,2-Tetrachloroethane	47	5.0	50.00	0	94.6	35	139				
1,1,2-Trichloroethane	46	5.0	50.00	0	92.3	40	124				
1,1-Dichloroethane	47	5.0	50.00	0	95.0	33	134				
1,1-Dichloroethene	51	5.0	50.00	0	101	30	141				
1,2-Dichlorobenzene	48	5.0	50.00	0	95.1	33	126				
1,2-Dichloroethane	46	5.0	50.00	0	92.5	36	131				
1,2-Dichloropropane	47	5.0	50.00	0	93.3	38	131				
1,3-Dichlorobenzene	50	5.0	50.00	0	101	31	130				
1,4-Dichlorobenzene	50	5.0	50.00	0	99.6	33	121				
2-Chloroethyl vinyl ether	36	5.0	50.00	0	71.3	36	138				*
Benzene	47	5.0	50.00	0	94.2	36	126				
Bromodichloromethane	46	5.0	50.00	0	92.5	38	125				
Bromoform	49	5.0	50.00	0	98.0	36	131				
Bromomethane	30	5.0	50.00	0	59.4	23	135				
Carbon tetrachloride	52	5.0	50.00	0	104	37	130				
Chlorobenzene	49	5.0	50.00	0	97.8	41	123				
Chloroethane	55	5.0	50.00	0	110	20	128				
Chloroform	49	5.0	50.00	0	97.5	39	125				
Chloromethane	57	5.0	50.00	0	114	33	143				
cis-1,3-Dichloropropene	44	5.0	50.00	0	87.4	34	125				
Dibromochloromethane	50	5.0	50.00	0	99.4	36	125				
Ethylbenzene	49	5.0	50.00	0	98.6	42	124				
Methylene chloride	26	5.0	50.00	0	51.1	33	135				B*
Tetrachloroethene	41	5.0	50.00	0	81.6	30	121				
Toluene	48	5.0	50.00	0	96.9	43	121				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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Website: www.American-Analytical.com

QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **8260_S**

Sample ID **LCS-194** SampType: **LCS** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **1/30/2014** RunNo: **325**

Client ID: **LCSS** Batch ID: **194b** TestNo: **SW8260C** Analysis Date: **1/30/2014** SeqNo: **5946**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	48	5.0	50.00	0	96.3	32	124				
trans-1,3-Dichloropropene	46	5.0	50.00	0	92.5	33	120				
Trichloroethene	49	5.0	50.00	0	98.0	40	124				
Trichlorofluoromethane	60	5.0	50.00	0	121	35	140				
Vinyl chloride	63	5.0	50.00	0	127	40	146				
Surr: 4-Bromofluorobenzene	49		50.00		97.3	56	133				
Surr: Dibromofluoromethane	51		50.00		101	60	132				
Surr: Toluene-d8	50		50.00		100	69	125				

Sample ID **MB-194** SampType: **MBLK** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **1/30/2014** RunNo: **325**

Client ID: **PBS** Batch ID: **194b** TestNo: **SW8260C** Analysis Date: **1/30/2014** SeqNo: **5947**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	U	5.0									
1,1,1-Trichloroethane	U	5.0									
1,1,2,2-Tetrachloroethane	U	5.0									
1,1,2-Trichloro-1,2,2-trifluoroethane	U	5.0									
1,1,2-Trichloroethane	U	5.0									
1,1-Dichloroethane	U	5.0									
1,1-Dichloroethene	U	5.0									
1,1-Dichloropropene	U	5.0									
1,2,3-Trichlorobenzene	U	5.0									
1,2,3-Trichloropropane	U	5.0									
1,2,4,5-Tetramethylbenzene	U	5.0									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **8260_S**

Sample ID	**MB-194**	SampType:	**MBLK**	TestCode:	**8260_S**	Units:	**µg/Kg**	Prep Date:	**1/30/2014**	RunNo:	**325**		
Client ID:	**PBS**	Batch ID:	**194b**	TestNo:	**SW8260C**			Analysis Date:	**1/30/2014**	SeqNo:	**5947**		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	U	5.0									
1,2,4-Trimethylbenzene	U	5.0									
1,2-Dibromo-3-chloropropane	U	5.0									
1,2-Dibromoethane	U	5.0									
1,2-Dichlorobenzene	U	5.0									
1,2-Dichloroethane	U	5.0									
1,2-Dichloropropane	U	5.0									
1,3,5-Trimethylbenzene	U	5.0									
1,3-Dichlorobenzene	U	5.0									
1,3-dichloropropane	U	5.0									
1,4-Dichlorobenzene	U	5.0									
1,4-Dioxane	U	5.0									
2,2-Dichloropropane	U	5.0									
2-Butanone	U	10									
2-Chloroethyl vinyl ether	U	5.0									*
2-Chlorotoluene	U	5.0									
2-Hexanone	U	10									
2-Propanol	U	5.0									
4-Chlorotoluene	U	5.0									
4-Isopropyltoluene	U	5.0									
4-Methyl-2-pentanone	U	10									
Acetone	12	10									*
Benzene	U	5.0									
Bromobenzene	U	5.0									
Bromochloromethane	U	5.0									
Bromodichloromethane	U	5.0									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **8260_S**

Sample ID	**MB-194**	SampType:	**MBLK**	TestCode:	**8260_S**	Units:	**µg/Kg**	Prep Date:	**1/30/2014**	RunNo:	**325**		
Client ID:	**PBS**	Batch ID:	**194b**	TestNo:	**SW8260C**			Analysis Date:	**1/30/2014**	SeqNo:	**5947**		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromoform	U	5.0									
Bromomethane	U	5.0									
Carbon disulfide	U	5.0									
Carbon tetrachloride	U	5.0									
Chlorobenzene	U	5.0									
Chlorodifluoromethane	U	5.0									
Chloroethane	U	5.0									
Chloroform	U	5.0									
Chloromethane	U	5.0									
cis-1,2-Dichloroethene	U	5.0									
cis-1,3-Dichloropropene	U	5.0									
Cyclohexane	U	5.0									
Dibromochloromethane	U	5.0									
Dibromomethane	U	5.0									
Dichlorodifluoromethane	U	5.0									
Diisopropyl ether	U	5.0									
Ethanol	U	20									
Ethylbenzene	U	5.0									
Freon-114	U	5.0									
Hexachlorobutadiene	U	5.0									
Isopropylbenzene	U	5.0									
m,p-Xylene	U	10									
Methyl Acetate	U	5.0									
Methyl tert-butyl ether	U	5.0									
Methylene chloride	6.9	5.0									*
Naphthalene	U	5.0									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **8260_S**

Sample ID	**MB-194**	SampType:	**MBLK**	TestCode:	**8260_S**	Units:	**µg/Kg**	Prep Date:	**1/30/2014**	RunNo:	**325**
Client ID:	**PBS**	Batch ID:	**194b**	TestNo:	**SW8260C**			Analysis Date:	**1/30/2014**	SeqNo:	**5947**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Butylbenzene	U	5.0									
n-Propylbenzene	U	5.0									
o-Xylene	U	5.0									
p-Diethylbenzene	U	5.0									
p-Ethyltoluene	U	5.0									
sec-Butylbenzene	U	5.0									
Styrene	U	5.0									
t-Butyl alcohol	U	5.0									
tert-Butylbenzene	U	5.0									
Tetrachloroethene	U	5.0									
Toluene	U	5.0									
trans-1,2-Dichloroethene	U	5.0									
trans-1,3-Dichloropropene	U	5.0									
Trichloroethene	U	5.0									
Trichlorofluoromethane	U	5.0									
Vinyl acetate	U	5.0									
Vinyl chloride	U	5.0									
Surr: 4-Bromofluorobenzene	50		50.00		101	56	133				
Surr: Dibromofluoromethane	50		50.00		100	60	132				
Surr: Toluene-d8	50		50.00		101	69	125				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **8260_S**

Sample ID **1401119-006AMS** SampType: **MS** TestCode: **8260_S** Units: **µg/Kg-dry** Prep Date: **1/30/2014** RunNo: **325**

Client ID: **B-5 (3-5)** Batch ID: **194b** TestNo: **SW8260C** Analysis Date: **1/30/2014** SeqNo: **5954**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	51	5.0	50.20	0	102	26	108				
1,1,2,2-Tetrachloroethane	41	5.0	50.20	0	82.1	18	109				
1,1,2-Trichloroethane	42	5.0	50.20	0	84.5	21	105				
1,1-Dichloroethane	48	5.0	50.20	0	95.2	28	108				
1,1-Dichloroethene	51	5.0	50.20	0	102	24	110				
1,2-Dichlorobenzene	46	5.0	50.20	0	90.9	18	108				
1,2-Dichloroethane	44	5.0	50.20	0	87.8	21	105				
1,2-Dichloropropane	45	5.0	50.20	0	90.5	29	107				
1,3-Dichlorobenzene	49	5.0	50.20	0	98.0	20	115				
1,4-Dichlorobenzene	48	5.0	50.20	0	96.0	21	117				
2-Chloroethyl vinyl ether	29	5.0	50.20	0	57.7	18	113				
Benzene	48	5.0	50.20	0	95.6	30	103				
Bromodichloromethane	45	5.0	50.20	0	89.8	22	106				
Bromoform	43	5.0	50.20	0	84.8	20	113				
Bromomethane	32	5.0	50.20	0	63.1	20	130				
Carbon tetrachloride	53	5.0	50.20	0	105	23	111				
Chlorobenzene	48	5.0	50.20	0	95.6	27	117				
Chloroethane	54	5.0	50.20	0	108	30	130				
Chloroform	50	5.0	50.20	0	99.0	24	112				
Chloromethane	57	5.0	50.20	0	113	21	130				
cis-1,3-Dichloropropene	42	5.0	50.20	0	83.0	20	104				
Dibromochloromethane	46	5.0	50.20	0	91.1	22	104				
Ethylbenzene	49	5.0	50.20	0	97.3	30	115				
Methylene chloride	26	5.0	50.20	9.031	34.5	22	104				B*
Tetrachloroethene	41	5.0	50.20	0	81.7	20	103				
Toluene	49	5.0	50.20	0	97.0	20	115				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **8260_S**

Sample ID **1401119-006AMS** SampType: **MS** TestCode: **8260_S** Units: **µg/Kg-dry** Prep Date: **1/30/2014** RunNo: **325**

Client ID: **B-5 (3-5)** Batch ID: **194b** TestNo: **SW8260C** Analysis Date: **1/30/2014** SeqNo: **5954**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	48	5.0	50.20	0	96.3	23	107				
trans-1,3-Dichloropropene	43	5.0	50.20	0	85.1	20	105				
Trichloroethene	49	5.0	50.20	0	96.7	22	138				
Trichlorofluoromethane	61	5.0	50.20	0	121	22	131				
Vinyl chloride	63	5.0	50.20	0	126	30	130				
Surr: 4-Bromofluorobenzene	48		50.20		96.2	56	133				
Surr: Dibromofluoromethane	51		50.20		101	60	132				
Surr: Toluene-d8	51		50.20		101	69	125				

Sample ID **1401119-006AMSD** SampType: **MSD** TestCode: **8260_S** Units: **µg/Kg-dry** Prep Date: **1/30/2014** RunNo: **325**

Client ID: **B-5 (3-5)** Batch ID: **194b** TestNo: **SW8260C** Analysis Date: **1/30/2014** SeqNo: **5955**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	51	5.1	51.10	0	100	26	108	51.41	0.528	20	
1,1,2,2-Tetrachloroethane	41	5.1	51.10	0	80.0	18	109	41.23	0.881	20	
1,1,2-Trichloroethane	43	5.1	51.10	0	83.3	21	105	42.40	0.401	20	
1,1-Dichloroethane	47	5.1	51.10	0	92.3	28	108	47.79	1.33	20	
1,1-Dichloroethene	51	5.1	51.10	0	99.4	24	110	51.19	0.819	20	
1,2-Dichlorobenzene	45	5.1	51.10	0	88.7	18	108	45.65	0.733	20	
1,2-Dichloroethane	43	5.1	51.10	0	85.0	21	105	44.07	1.41	20	
1,2-Dichloropropane	46	5.1	51.10	0	89.9	29	107	45.42	1.14	20	
1,3-Dichlorobenzene	49	5.1	51.10	0	95.3	20	115	49.20	1.01	20	
1,4-Dichlorobenzene	48	5.1	51.10	0	94.6	21	117	48.17	0.357	20	
2-Chloroethyl vinyl ether	29	5.1	51.10	0	56.2	18	113	28.95	0.781	20	

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **8260_S**

Sample ID **1401119-006AMSD** SampType: **MSD** TestCode: **8260_S** Units: **µg/Kg-dry** Prep Date: **1/30/2014** RunNo: **325**

Client ID: **B-5 (3-5)** Batch ID: **194b** TestNo: **SW8260C** Analysis Date: **1/30/2014** SeqNo: **5955**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	47	5.1	51.10	0	92.8	30	103	47.97	1.10	20	
Bromodichloromethane	45	5.1	51.10	0	87.6	22	106	45.06	0.629	20	
Bromoform	42	5.1	51.10	0	83.2	20	113	42.57	0.169	20	
Bromomethane	33	5.1	51.10	0	64.7	20	130	31.70	4.25	20	
Carbon tetrachloride	52	5.1	51.10	0	102	23	111	52.60	0.768	20	
Chlorobenzene	48	5.1	51.10	0	93.6	27	117	48.01	0.372	20	
Chloroethane	53	5.1	51.10	0	104	30	130	54.36	2.04	20	
Chloroform	49	5.1	51.10	0	95.7	24	112	49.69	1.63	20	
Chloromethane	57	5.1	51.10	0	112	21	130	56.85	0.844	20	
cis-1,3-Dichloropropene	42	5.1	51.10	0	81.4	20	104	41.68	0.211	20	
Dibromochloromethane	46	5.1	51.10	0	90.7	22	104	45.71	1.34	20	
Ethylbenzene	48	5.1	51.10	0	94.7	30	115	48.86	0.987	20	
Methylene chloride	27	5.1	51.10	9.031	34.9	22	104	26.36	1.86	20	B*
Tetrachloroethene	42	5.1	51.10	0	81.3	20	103	41.00	1.32	20	
Toluene	49	5.1	51.10	0	95.6	20	115	48.68	0.330	20	
trans-1,2-Dichloroethene	49	5.1	51.10	0	96.3	23	107	48.32	1.80	20	
trans-1,3-Dichloropropene	43	5.1	51.10	0	83.8	20	105	42.71	0.316	20	
Trichloroethene	49	5.1	51.10	0	95.6	22	138	48.54	0.661	20	
Trichlorofluoromethane	60	5.1	51.10	0	117	22	131	60.51	0.804	20	
Vinyl chloride	64	5.1	51.10	0	126	30	130	63.45	1.61	20	
Surr: 4-Bromofluorobenzene	50		51.10		98.0	56	133		0	0	
Surr: Dibromofluoromethane	52		51.10		102	60	132		0	0	
Surr: Toluene-d8	52		51.10		102	69	125		0	0	

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **8270_S**

Sample ID	**MB-207**	SampType:	**MBLK**	TestCode:	**8270_S**	Units:	**µg/Kg**	Prep Date:	**1/31/2014**	RunNo:	**315**		
Client ID:	**PBS**	Batch ID:	**207**	TestNo:	**SW8270D**	**SW3546**		Analysis Date:	**2/3/2014**	SeqNo:	**5831**		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	U	240									
1,2-Dichlorobenzene	U	240									
1,3-Dichlorobenzene	U	240									
1,4-Dichlorobenzene	U	240									
2,3,4,6-Tetrachlorophenol	U	240									
2,4,5-Trichlorophenol	U	240									
2,4,6-Trichlorophenol	U	240									
2,4-Dichlorophenol	U	240									
2,4-Dimethylphenol	U	240									
2,4-Dinitrophenol	U	490									*
2,4-Dinitrotoluene	U	240									
2,6-Dinitrotoluene	U	240									
2-Chloronaphthalene	U	240									
2-Chlorophenol	U	240									
2-Methylnaphthalene	U	240									
2-Methylphenol	U	240									
2-Nitroaniline	U	240									
2-Nitrophenol	U	240									
3,3´-Dichlorobenzidine	U	240									
3+4-Methylphenol	U	240									
3-Nitroaniline	U	240									
4,6-Dinitro-2-methylphenol	U	490									*
4-Bromophenyl phenyl ether	U	240									
4-Chloro-3-methylphenol	U	240									
4-Chloroaniline	U	240									
4-Chlorophenyl phenyl ether	U	240									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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TEL: (631) 454-6100 FAX: (631) 454-8027
Website: www.American-Analytical.com

QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **8270_S**

Sample ID	**MB-207**	SampType:	**MBLK**	TestCode:	**8270_S**	Units:	**µg/Kg**	Prep Date:	**1/31/2014**	RunNo:	**315**		
Client ID:	**PBS**	Batch ID:	**207**	TestNo:	**SW8270D**	**SW3546**		Analysis Date:	**2/3/2014**	SeqNo:	**5831**		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Nitroaniline	U	240									
4-Nitrophenol	U	490									
Acenaphthene	U	240									
Acenaphthylene	U	240									
Acetophenone	U	240									
Aniline	U	240									
Anthracene	U	240									
Atrazine	U	240									
Azobenzene	U	240									
Benzaldehyde	U	490									
Benzidine	U	490									*
Benzo(a)anthracene	U	240									
Benzo(a)pyrene	U	240									
Benzo(b)fluoranthene	U	240									
Benzo(g,h,i)perylene	U	240									
Benzo(k)fluoranthene	U	240									
Benzoic acid	U	490									*
Benzyl alcohol	U	240									
Biphenyl	U	240									
Bis(2-chloroethoxy)methane	U	240									
Bis(2-chloroethyl)ether	U	240									
Bis(2-chloroisopropyl)ether	U	240									
Bis(2-ethylhexyl)phthalate	U	240									
Butyl benzyl phthalate	U	240									
Caprolactam	U	240									
Carbazole	U	240									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **8270_S**

Sample ID	**MB-207**	SampType:	**MBLK**	TestCode:	**8270_S**	Units:	**µg/Kg**	Prep Date:	**1/31/2014**	RunNo:	**315**		
Client ID:	**PBS**	Batch ID:	**207**	TestNo:	**SW8270D**	**SW3546**		Analysis Date:	**2/3/2014**	SeqNo:	**5831**		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chrysene	U	240									
Dibenzo(a,h)anthracene	U	240									
Dibenzofuran	U	240									
Diethyl phthalate	U	240									
Dimethyl phthalate	U	240									
Di-n-butyl phthalate	U	240									
Di-n-octyl phthalate	U	490									
Fluoranthene	U	240									
Fluorene	U	240									
Hexachlorobenzene	U	240									
Hexachlorobutadiene	U	240									
Hexachlorocyclopentadiene	U	240									
Hexachloroethane	U	240									
Indeno(1,2,3-c,d)pyrene	U	240									
Isophorone	U	240									
Naphthalene	U	240									
Nitrobenzene	U	240									
N-Nitrosodimethylamine	U	240									
N-Nitrosodi-n-propylamine	U	240									
N-Nitrosodiphenylamine	U	240									
Parathion	U	490									
Pentachlorophenol	U	490									
Phenanthrene	U	240									
Phenol	U	240									
Pyrene	U	240									
Pyridine	U	240									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **8270_S**

Sample ID **MB-207** SampType: **MBLK** TestCode: **8270_S** Units: **µg/Kg** Prep Date: **1/31/2014** RunNo: **315**

Client ID: **PBS** Batch ID: **207** TestNo: **SW8270D** **SW3546** Analysis Date: **2/3/2014** SeqNo: **5831**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2,4,6-Tribromophenol	1700		1946		87.0	11	135				
Surr: 2-Fluorobiphenyl	820		972.8		84.4	21	143				
Surr: 2-Fluorophenol	2000		1946		105	14	122				
Surr: 4-Terphenyl-d14	880		972.8		90.8	15	137				
Surr: Nitrobenzene-d5	860		972.8		88.2	17	136				
Surr: Phenol-d6	2100		1946		110	10	116				

Sample ID **LCS-207** SampType: **LCS** TestCode: **8270_S** Units: **µg/Kg** Prep Date: **1/31/2014** RunNo: **315**

Client ID: **LCSS** Batch ID: **207** TestNo: **SW8270D** **SW3546** Analysis Date: **2/3/2014** SeqNo: **5832**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	810	250	1987	0	40.9	30	125				
1,2-Dichlorobenzene	890	250	1987	0	44.6	24	122				
1,3-Dichlorobenzene	870	250	1987	0	43.9	25	125				
1,4-Dichlorobenzene	870	250	1987	0	44.0	23	121				
2,4,6-Trichlorophenol	820	250	1987	0	41.2	25	130				
2,4-Dichlorophenol	840	250	1987	0	42.1	31	125				
2,4-Dimethylphenol	210	250	1987	0	10.8	17	132				JS
2,4-Dinitrophenol	600	500	1987	0	30.1	1	116				*
2,4-Dinitrotoluene	840	250	1987	0	42.1	30	134				
2,6-Dinitrotoluene	780	250	1987	0	39.3	35	125				
2-Chloronaphthalene	850	250	1987	0	42.6	30	130				
2-Chlorophenol	900	250	1987	0	45.5	32	134				
2-Nitrophenol	850	250	1987	0	42.6	16	146				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **8270_S**

Sample ID **LCS-207** SampType: **LCS** TestCode: **8270_S** Units: **µg/Kg** Prep Date: **1/31/2014** RunNo: **315**

Client ID: **LCSS** Batch ID: **207** TestNo: **SW8270D** **SW3546** Analysis Date: **2/3/2014** SeqNo: **5832**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,6-Dinitro-2-methylphenol	780	500	1987	0	39.1	11	141				*
4-Bromophenyl phenyl ether	850	250	1987	0	42.6	35	135				
4-Chloro-3-methylphenol	900	250	1987	0	45.2	19	139				
4-Chlorophenyl phenyl ether	890	250	1987	0	44.8	30	128				
4-Nitrophenol	900	500	1987	0	45.5	17	140				
Acenaphthene	850	250	1987	0	42.6	25	137				
Acenaphthylene	840	250	1987	0	42.3	23	136				
Anthracene	850	250	1987	0	42.8	23	150				
Benzo(a)anthracene	870	250	1987	0	43.9	31	140				
Benzo(a)pyrene	830	250	1987	0	41.7	36	136				
Benzo(b)fluoranthene	890	250	1987	0	45.0	30	140				m
Benzo(g,h,i)perylene	860	250	1987	0	43.4	21	143				
Benzo(k)fluoranthene	810	250	1987	0	40.9	30	140				
Bis(2-chloroethoxy)methane	790	250	1987	0	39.6	18	110				
Bis(2-chloroethyl)ether	870	250	1987	0	43.9	30	131				
Bis(2-chloroisopropyl)ether	840	250	1987	0	42.2	34	124				
Bis(2-ethylhexyl)phthalate	810	250	1987	0	40.8	35	137				
Butyl benzyl phthalate	850	250	1987	0	42.6	34	140				
Chrysene	870	250	1987	0	44.0	31	133				
Dibenzo(a,h)anthracene	840	250	1987	0	42.5	24	145				
Diethyl phthalate	870	250	1987	0	43.9	35	130				
Dimethyl phthalate	850	250	1987	0	42.9	32	130				
Di-n-butyl phthalate	850	250	1987	0	43.0	35	131				
Di-n-octyl phthalate	820	500	1987	0	41.2	37	143				
Fluoranthene	920	250	1987	0	46.2	21	139				
Fluorene	890	250	1987	0	44.8	30	130				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **8270_S**

Sample ID **LCS-207** SampType: **LCS** TestCode: **8270_S** Units: **µg/Kg** Prep Date: **1/31/2014** RunNo: **315**

Client ID: **LCSS** Batch ID: **207** TestNo: **SW8270D** **SW3546** Analysis Date: **2/3/2014** SeqNo: **5832**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobenzene	890	250	1987	0	44.6	30	130				
Hexachlorobutadiene	880	250	1987	0	44.3	30	125				
Hexachlorocyclopentadiene	700	250	1987	0	35.3	12	126				
Hexachloroethane	950	250	1987	0	47.6	30	125				
Indeno(1,2,3-c,d)pyrene	880	250	1987	0	44.3	28	141				
Isophorone	830	250	1987	0	41.6	30	125				
Naphthalene	820	250	1987	0	41.5	27	131				
Nitrobenzene	820	250	1987	0	41.1	35	125				
N-Nitrosodimethylamine	760	250	1987	0	38.4	10	123				
N-Nitrosodi-n-propylamine	890	250	1987	0	44.6	39	125				
N-Nitrosodiphenylamine	390	250	1987	0	19.7	21	103				S
Pentachlorophenol	940	500	1987	0	47.5	10	132				
Phenanthrene	850	250	1987	0	42.9	35	130				
Phenol	870	250	1987	0	43.7	20	135				
Pyrene	860	250	1987	0	43.2	30	152				
Surr: 2,4,6-Tribromophenol	1700		1987		83.6	11	135				
Surr: 2-Fluorobiphenyl	830		993.5		83.2	21	143				
Surr: 2-Fluorophenol	1700		1987		85.5	14	122				
Surr: 4-Terphenyl-d14	840		993.5		84.7	15	137				
Surr: Nitrobenzene-d5	850		993.5		85.2	17	136				
Surr: Phenol-d6	1800		1987		89.8	10	116				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **8270_S**

Sample ID	**MB-207**	SampType:	**MBLK**	TestCode:	**8270_S**	Units:	**µg/Kg**	Prep Date:	**1/31/2014**	RunNo:	**320**
Client ID:	**PBS**	Batch ID:	**207**	TestNo:	**SW8270D**	**SW3546**		Analysis Date:	**2/3/2014**	SeqNo:	**5890**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	U	240									
1,2-Dichlorobenzene	U	240									
1,3-Dichlorobenzene	U	240									
1,4-Dichlorobenzene	U	240									
2,3,4,6-Tetrachlorophenol	U	240									
2,4,5-Trichlorophenol	U	240									
2,4,6-Trichlorophenol	U	240									
2,4-Dichlorophenol	U	240									
2,4-Dimethylphenol	U	240									
2,4-Dinitrophenol	U	490									*
2,4-Dinitrotoluene	U	240									
2,6-Dinitrotoluene	U	240									
2-Chloronaphthalene	U	240									
2-Chlorophenol	U	240									
2-Methylnaphthalene	U	240									
2-Methylphenol	U	240									
2-Nitroaniline	U	240									
2-Nitrophenol	U	240									
3,3´-Dichlorobenzidine	U	240									
3+4-Methylphenol	U	240									
3-Nitroaniline	U	240									
4,6-Dinitro-2-methylphenol	U	490									*
4-Bromophenyl phenyl ether	U	240									
4-Chloro-3-methylphenol	U	240									
4-Chloroaniline	U	240									
4-Chlorophenyl phenyl ether	U	240									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **8270_S**

Sample ID	**MB-207**	SampType:	**MBLK**	TestCode:	**8270_S**	Units:	**µg/Kg**	Prep Date:	**1/31/2014**	RunNo:	**320**		
Client ID:	**PBS**	Batch ID:	**207**	TestNo:	**SW8270D**	**SW3546**		Analysis Date:	**2/3/2014**	SeqNo:	**5890**		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Nitroaniline	U	240									
4-Nitrophenol	U	490									
Acenaphthene	U	240									
Acenaphthylene	U	240									
Acetophenone	U	240									
Aniline	U	240									
Anthracene	U	240									
Atrazine	U	240									
Azobenzene	U	240									
Benzaldehyde	U	490									
Benzidine	U	490									*
Benzo(a)anthracene	U	240									
Benzo(a)pyrene	U	240									
Benzo(b)fluoranthene	U	240									
Benzo(g,h,i)perylene	U	240									
Benzo(k)fluoranthene	U	240									
Benzoic acid	U	490									*
Benzyl alcohol	U	240									
Biphenyl	U	240									
Bis(2-chloroethoxy)methane	U	240									
Bis(2-chloroethyl)ether	U	240									
Bis(2-chloroisopropyl)ether	U	240									
Bis(2-ethylhexyl)phthalate	U	240									
Butyl benzyl phthalate	U	240									
Caprolactam	U	240									
Carbazole	U	240									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **8270_S**

Sample ID	**MB-207**	SampType:	**MBLK**	TestCode:	**8270_S**	Units:	**µg/Kg**	Prep Date:	**1/31/2014**	RunNo:	**320**		
Client ID:	**PBS**	Batch ID:	**207**	TestNo:	**SW8270D**	**SW3546**		Analysis Date:	**2/3/2014**	SeqNo:	**5890**		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chrysene	U	240									
Dibenzo(a,h)anthracene	U	240									
Dibenzofuran	U	240									
Diethyl phthalate	U	240									
Dimethyl phthalate	U	240									
Di-n-butyl phthalate	U	240									
Di-n-octyl phthalate	U	490									
Fluoranthene	U	240									
Fluorene	U	240									
Hexachlorobenzene	U	240									
Hexachlorobutadiene	U	240									
Hexachlorocyclopentadiene	U	240									
Hexachloroethane	U	240									
Indeno(1,2,3-c,d)pyrene	U	240									
Isophorone	U	240									
Naphthalene	U	240									
Nitrobenzene	U	240									
N-Nitrosodimethylamine	U	240									
N-Nitrosodi-n-propylamine	U	240									
N-Nitrosodiphenylamine	U	240									
Parathion	U	490									
Pentachlorophenol	U	490									
Phenanthrene	U	240									
Phenol	U	240									
Pyrene	U	240									
Pyridine	U	240									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **8270_S**

Sample ID **MB-207** SampType: **MBLK** TestCode: **8270_S** Units: **µg/Kg** Prep Date: **1/31/2014** RunNo: **320**

Client ID: **PBS** Batch ID: **207** TestNo: **SW8270D** **SW3546** Analysis Date: **2/3/2014** SeqNo: **5890**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2,4,6-Tribromophenol	1700		1946		87.0	11	135				
Surr: 2-Fluorobiphenyl	820		972.8		84.4	21	143				
Surr: 2-Fluorophenol	2000		1946		105	14	122				
Surr: 4-Terphenyl-d14	880		972.8		90.8	15	137				
Surr: Nitrobenzene-d5	860		972.8		88.2	17	136				
Surr: Phenol-d6	2100		1946		110	10	116				

Sample ID **LCS-207** SampType: **LCS** TestCode: **8270_S** Units: **µg/Kg** Prep Date: **1/31/2014** RunNo: **320**

Client ID: **LCSS** Batch ID: **207** TestNo: **SW8270D** **SW3546** Analysis Date: **2/3/2014** SeqNo: **5891**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	810	250	1987	0	40.9	30	125				
1,2-Dichlorobenzene	890	250	1987	0	44.6	24	122				
1,3-Dichlorobenzene	870	250	1987	0	43.9	25	125				
1,4-Dichlorobenzene	870	250	1987	0	44.0	23	121				
2,4,6-Trichlorophenol	820	250	1987	0	41.2	25	130				
2,4-Dichlorophenol	840	250	1987	0	42.1	31	125				
2,4-Dimethylphenol	210	250	1987	0	10.8	17	132				JS
2,4-Dinitrophenol	600	500	1987	0	30.1	1	116				*
2,4-Dinitrotoluene	840	250	1987	0	42.1	30	134				
2,6-Dinitrotoluene	780	250	1987	0	39.3	35	125				
2-Chloronaphthalene	850	250	1987	0	42.6	30	130				
2-Chlorophenol	900	250	1987	0	45.5	32	134				
2-Nitrophenol	850	250	1987	0	42.6	16	146				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **8270_S**

Sample ID **LCS-207** SampType: **LCS** TestCode: **8270_S** Units: **µg/Kg** Prep Date: **1/31/2014** RunNo: **320**

Client ID: **LCSS** Batch ID: **207** TestNo: **SW8270D** **SW3546** Analysis Date: **2/3/2014** SeqNo: **5891**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,6-Dinitro-2-methylphenol	780	500	1987	0	39.1	11	141				*
4-Bromophenyl phenyl ether	850	250	1987	0	42.6	35	135				
4-Chloro-3-methylphenol	900	250	1987	0	45.2	19	139				
4-Chlorophenyl phenyl ether	890	250	1987	0	44.8	30	128				
4-Nitrophenol	900	500	1987	0	45.5	17	140				
Acenaphthene	850	250	1987	0	42.6	25	137				
Acenaphthylene	840	250	1987	0	42.3	23	136				
Anthracene	850	250	1987	0	42.8	23	150				
Benzo(a)anthracene	870	250	1987	0	43.9	31	140				
Benzo(a)pyrene	830	250	1987	0	41.7	36	136				
Benzo(b)fluoranthene	890	250	1987	0	45.0	30	140				m
Benzo(g,h,i)perylene	860	250	1987	0	43.4	21	143				
Benzo(k)fluoranthene	810	250	1987	0	40.9	30	140				
Bis(2-chloroethoxy)methane	790	250	1987	0	39.6	18	110				
Bis(2-chloroethyl)ether	870	250	1987	0	43.9	30	131				
Bis(2-chloroisopropyl)ether	840	250	1987	0	42.2	34	124				
Bis(2-ethylhexyl)phthalate	810	250	1987	0	40.8	35	137				
Butyl benzyl phthalate	850	250	1987	0	42.6	34	140				
Chrysene	870	250	1987	0	44.0	31	133				
Dibenzo(a,h)anthracene	840	250	1987	0	42.5	24	145				
Diethyl phthalate	870	250	1987	0	43.9	35	130				
Dimethyl phthalate	850	250	1987	0	42.9	32	130				
Di-n-butyl phthalate	850	250	1987	0	43.0	35	131				
Di-n-octyl phthalate	820	500	1987	0	41.2	37	143				
Fluoranthene	920	250	1987	0	46.2	21	139				
Fluorene	890	250	1987	0	44.8	30	130				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **8270_S**

Sample ID **LCS-207** SampType: **LCS** TestCode: **8270_S** Units: **µg/Kg** Prep Date: **1/31/2014** RunNo: **320**

Client ID: **LCSS** Batch ID: **207** TestNo: **SW8270D** **SW3546** Analysis Date: **2/3/2014** SeqNo: **5891**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobenzene	890	250	1987	0	44.6	30	130				
Hexachlorobutadiene	880	250	1987	0	44.3	30	125				
Hexachlorocyclopentadiene	700	250	1987	0	35.3	12	126				
Hexachloroethane	950	250	1987	0	47.6	30	125				
Indeno(1,2,3-c,d)pyrene	880	250	1987	0	44.3	28	141				
Isophorone	830	250	1987	0	41.6	30	125				
Naphthalene	820	250	1987	0	41.5	27	131				
Nitrobenzene	820	250	1987	0	41.1	35	125				
N-Nitrosodimethylamine	760	250	1987	0	38.4	10	123				
N-Nitrosodi-n-propylamine	890	250	1987	0	44.6	39	125				
N-Nitrosodiphenylamine	390	250	1987	0	19.7	21	103				S
Pentachlorophenol	940	500	1987	0	47.5	10	132				
Phenanthrene	850	250	1987	0	42.9	35	130				
Phenol	870	250	1987	0	43.7	20	135				
Pyrene	860	250	1987	0	43.2	30	152				
Surr: 2,4,6-Tribromophenol	1700		1987		83.6	11	135				
Surr: 2-Fluorobiphenyl	830		993.5		83.2	21	143				
Surr: 2-Fluorophenol	1700		1987		85.5	14	122				
Surr: 4-Terphenyl-d14	840		993.5		84.7	15	137				
Surr: Nitrobenzene-d5	850		993.5		85.2	17	136				
Surr: Phenol-d6	1800		1987		89.8	10	116				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **8270_S**

Sample ID **1401119-005B** SampType: **MS** TestCode: **8270_S** Units: **µg/Kg-dry** Prep Date: **1/31/2014** RunNo: **320**

Client ID: **B-5 (0-2)** Batch ID: **207** TestNo: **SW8270D** **SW3546** Analysis Date: **2/3/2014** SeqNo: **5909**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	900	270	2191	0	41.3	21	128				
1,2-Dichlorobenzene	950	270	2191	0	43.5	20	129				
1,3-Dichlorobenzene	890	270	2191	0	40.6	19	122				
1,4-Dichlorobenzene	900	270	2191	0	41.2	22	127				
2,4,6-Trichlorophenol	990	270	2191	0	45.2	20	126				
2,4-Dichlorophenol	970	270	2191	0	44.4	18	125				
2,4-Dimethylphenol	480	270	2191	0	22.0	22	130				
2,4-Dinitrophenol	120	550	2191	0	5.28	1	132				J*
2,4-Dinitrotoluene	850	270	2191	0	38.9	21	124				
2,6-Dinitrotoluene	820	270	2191	0	37.6	20	127				
2-Chloronaphthalene	910	270	2191	0	41.6	18	145				
2-Chlorophenol	990	270	2191	0	45.3	18	117				
2-Nitrophenol	890	270	2191	0	40.7	15	121				
4,6-Dinitro-2-methylphenol	450	550	2191	0	20.6	12	128				J*
4-Bromophenyl phenyl ether	920	270	2191	0	41.8	27	135				
4-Chloro-3-methylphenol	1100	270	2191	0	48.0	20	130				
4-Chlorophenyl phenyl ether	990	270	2191	0	45.1	35	125				
4-Nitrophenol	1000	550	2191	0	47.7	22	141				
Acenaphthene	930	270	2191	0	42.4	24	132				
Acenaphthylene	910	270	2191	0	41.5	22	134				
Anthracene	910	270	2191	0	41.4	23	139				
Benzo(a)anthracene	960	270	2191	0	43.8	24	134				
Benzo(a)pyrene	910	270	2191	0	41.5	23	136				
Benzo(b)fluoranthene	930	270	2191	0	42.6	24	132				
Benzo(g,h,i)perylene	870	270	2191	0	39.9	27	131				
Benzo(k)fluoranthene	890	270	2191	0	40.8	25	135				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **8270_S**

Sample ID **1401119-005B** SampType: **MS** TestCode: **8270_S** Units: **µg/Kg-dry** Prep Date: **1/31/2014** RunNo: **320**

Client ID: **B-5 (0-2)** Batch ID: **207** TestNo: **SW8270D** **SW3546** Analysis Date: **2/3/2014** SeqNo: **5909**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bis(2-chloroethoxy)methane	870	270	2191	0	39.7	23	133				
Bis(2-chloroethyl)ether	940	270	2191	0	42.8	20	120				
Bis(2-chloroisopropyl)ether	920	270	2191	0	41.8	32	120				
Bis(2-ethylhexyl)phthalate	880	270	2191	0	40.1	28	144				
Butyl benzyl phthalate	930	270	2191	0	42.6	28	142				
Chrysene	930	270	2191	0	42.6	24	136				
Dibenzo(a,h)anthracene	880	270	2191	0	40.2	24	134				
Diethyl phthalate	970	270	2191	0	44.1	24	130				
Dimethyl phthalate	920	270	2191	0	42.2	24	131				
Di-n-butyl phthalate	930	270	2191	0	42.7	25	133				
Di-n-octyl phthalate	880	550	2191	0	40.4	23	142				
Fluoranthene	1000	270	2191	0	46.4	22	122				
Fluorene	980	270	2191	0	44.7	22	124				
Hexachlorobenzene	970	270	2191	0	44.1	25	132				
Hexachlorobutadiene	970	270	2191	0	44.2	23	123				
Hexachlorocyclopentadiene	190	270	2191	0	8.66	1	124				J
Hexachloroethane	880	270	2191	0	40.1	3	111				
Indeno(1,2,3-c,d)pyrene	920	270	2191	0	42.0	26	140				
Isophorone	920	270	2191	0	41.9	23	127				
Naphthalene	900	270	2191	0	41.0	20	120				
Nitrobenzene	880	270	2191	0	40.2	17	117				
N-Nitrosodimethylamine	760	270	2191	0	34.8	5	110				
N-Nitrosodi-n-propylamine	1000	270	2191	0	46.9	24	126				
N-Nitrosodiphenylamine	450	270	2191	0	20.7	22	136				S
Pentachlorophenol	1100	550	2191	0	48.1	17	116				
Phenanthrene	950	270	2191	0	43.3	18	126				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **8270_S**

Sample ID **1401119-005B** SampType: **MS** TestCode: **8270_S** Units: **µg/Kg-dry** Prep Date: **1/31/2014** RunNo: **320**

Client ID: **B-5 (0-2)** Batch ID: **207** TestNo: **SW8270D** **SW3546** Analysis Date: **2/3/2014** SeqNo: **5909**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenol	980	270	2191	0	44.6	11	106				
Pyrene	960	270	2191	0	43.6	20	137				
Surr: 2,4,6-Tribromophenol	2100		2191		96.3	11	135				
Surr: 2-Fluorobiphenyl	860		1095		78.9	21	143				
Surr: 2-Fluorophenol	1900		2191		86.6	14	122				
Surr: 4-Terphenyl-d14	930		1095		85.0	15	137				
Surr: Nitrobenzene-d5	900		1095		82.3	17	136				
Surr: Phenol-d6	2000		2191		91.4	10	116				

Sample ID **1401119-005B** SampType: **MSD** TestCode: **8270_S** Units: **µg/Kg-dry** Prep Date: **1/31/2014** RunNo: **320**

Client ID: **B-5 (0-2)** Batch ID: **207** TestNo: **SW8270D** **SW3546** Analysis Date: **2/3/2014** SeqNo: **5910**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	910	270	2191	0	41.5	21	128	904.8	0.471	20	
1,2-Dichlorobenzene	990	270	2191	0	45.0	20	129	952.3	3.45	20	
1,3-Dichlorobenzene	900	270	2191	0	41.2	19	122	888.5	1.67	20	
1,4-Dichlorobenzene	960	270	2191	0	44.0	22	127	902.3	6.61	20	
2,4,6-Trichlorophenol	1000	270	2191	0	47.1	20	126	989.3	4.29	20	
2,4-Dichlorophenol	970	270	2191	0	44.4	18	125	972.6	0.101	20	
2,4-Dimethylphenol	770	270	2191	0	35.1	22	130	482.3	45.8	20	R
2,4-Dinitrophenol	U	550	2191	0	0	1	132	115.7	200	20	RS*
2,4-Dinitrotoluene	870	270	2191	0	39.7	21	124	852.9	1.97	20	
2,6-Dinitrotoluene	840	270	2191	0	38.4	20	127	824.6	2.04	20	
2-Chloronaphthalene	910	270	2191	0	41.5	18	145	910.6	0.246	20	

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **8270_S**

Sample ID **1401119-005B** SampType: **MSD** TestCode: **8270_S** Units: **µg/Kg-dry** Prep Date: **1/31/2014** RunNo: **320**

Client ID: **B-5 (0-2)** Batch ID: **207** TestNo: **SW8270D** **SW3546** Analysis Date: **2/3/2014** SeqNo: **5910**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Chlorophenol	990	270	2191	0	45.2	18	117	992.1	0.163	20	
2-Nitrophenol	880	270	2191	0	40.3	15	121	892.6	1.18	20	
4,6-Dinitro-2-methylphenol	400	550	2191	0	18.4	12	128	451.3	11.2	20	J*
4-Bromophenyl phenyl ether	950	270	2191	0	43.6	27	135	916.0	4.15	20	
4-Chloro-3-methylphenol	1100	270	2191	0	48.5	20	130	1052	1.09	20	
4-Chlorophenyl phenyl ether	1000	270	2191	0	45.6	35	125	988.6	1.04	20	
4-Nitrophenol	1100	550	2191	0	50.9	22	141	1045	6.40	20	
Acenaphthene	940	270	2191	0	43.0	24	132	928.1	1.55	20	
Acenaphthylene	950	270	2191	0	43.2	22	134	909.1	4.02	20	
Anthracene	950	270	2191	0	43.5	23	139	906.9	5.01	20	
Benzo(a)anthracene	1000	270	2191	0	46.5	24	134	960.4	5.87	20	
Benzo(a)pyrene	940	270	2191	0	43.1	23	136	908.9	3.74	20	
Benzo(b)fluoranthene	970	270	2191	0	44.1	24	132	933.3	3.46	20	
Benzo(g,h,i)perylene	890	270	2191	0	40.8	27	131	873.3	2.35	20	
Benzo(k)fluoranthene	910	270	2191	0	41.5	25	135	894.4	1.74	20	
Bis(2-chloroethoxy)methane	870	270	2191	0	39.5	23	133	868.9	0.306	20	
Bis(2-chloroethyl)ether	950	270	2191	0	43.2	20	120	936.6	0.955	20	
Bis(2-chloroisopropyl)ether	920	270	2191	0	42.0	32	120	916.5	0.394	20	
Bis(2-ethylhexyl)phthalate	920	270	2191	0	42.1	28	144	879.2	4.68	20	
Butyl benzyl phthalate	970	270	2191	0	44.4	28	142	934.1	4.13	20	
Chrysene	990	270	2191	0	45.0	24	136	932.6	5.54	20	
Dibenzo(a,h)anthracene	900	270	2191	0	41.2	24	134	880.8	2.40	20	
Diethyl phthalate	990	270	2191	0	45.0	24	130	965.2	2.13	20	
Dimethyl phthalate	940	270	2191	0	43.0	24	131	923.8	2.02	20	
Di-n-butyl phthalate	960	270	2191	0	43.7	25	133	934.9	2.32	20	
Di-n-octyl phthalate	920	550	2191	0	41.9	23	142	884.7	3.62	20	

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **8270_S**

Sample ID **1401119-005B** SampType: **MSD** TestCode: **8270_S** Units: **µg/Kg-dry** Prep Date: **1/31/2014** RunNo: **320**

Client ID: **B-5 (0-2)** Batch ID: **207** TestNo: **SW8270D** **SW3546** Analysis Date: **2/3/2014** SeqNo: **5910**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Fluoranthene	1100	270	2191	0	48.8	22	122	1016	5.10	20	
Fluorene	1000	270	2191	0	46.7	22	124	978.8	4.49	20	
Hexachlorobenzene	970	270	2191	0	44.1	25	132	965.4	0.0612	20	
Hexachlorobutadiene	990	270	2191	0	45.2	23	123	969.3	2.19	20	
Hexachlorocyclopentadiene	180	270	2191	0	8.10	1	124	189.7	6.61	20	J
Hexachloroethane	920	270	2191	0	41.9	3	111	878.4	4.33	20	
Indeno(1,2,3-c,d)pyrene	940	270	2191	0	43.1	26	140	919.8	2.59	20	
Isophorone	910	270	2191	0	41.7	23	127	917.3	0.392	20	
Naphthalene	920	270	2191	0	41.9	20	120	898.2	2.25	20	
Nitrobenzene	900	270	2191	0	41.3	17	117	880.7	2.58	20	
N-Nitrosodimethylamine	800	270	2191	0	36.3	5	110	762.3	4.31	20	
N-Nitrosodi-n-propylamine	1000	270	2191	0	46.0	24	126	1028	1.91	20	
N-Nitrosodiphenylamine	480	270	2191	0	22.1	22	136	454.4	6.36	20	
Pentachlorophenol	1100	550	2191	0	50.9	17	116	1053	5.80	20	
Phenanthrene	990	270	2191	0	45.1	18	126	949.4	4.02	20	
Phenol	970	270	2191	0	44.5	11	106	978.0	0.357	20	
Pyrene	1000	270	2191	0	45.9	20	137	955.6	5.03	20	
Surr: 2,4,6-Tribromophenol	2200		2191		102	11	135		0	0	
Surr: 2-Fluorobiphenyl	890		1095		81.3	21	143		0	0	
Surr: 2-Fluorophenol	2000		2191		90.1	14	122		0	0	
Surr: 4-Terphenyl-d14	980		1095		89.1	15	137		0	0	
Surr: Nitrobenzene-d5	920		1095		84.2	17	136		0	0	
Surr: Phenol-d6	2000		2191		91.2	10	116		0	0	

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **8270_S**

Sample ID	**MB-228**	SampType:	**MBLK**	TestCode:	**8270_S**	Units:	**µg/Kg**	Prep Date:	**2/4/2014**	RunNo:	**320**		
Client ID:	**PBS**	Batch ID:	**228**	TestNo:	**SW8270D**	**SW3546**		Analysis Date:	**2/4/2014**	SeqNo:	**6183**		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	U	250									
1,2-Dichlorobenzene	U	250									
1,3-Dichlorobenzene	U	250									
1,4-Dichlorobenzene	U	250									
2,3,4,6-Tetrachlorophenol	U	250									
2,4,5-Trichlorophenol	U	250									
2,4,6-Trichlorophenol	U	250									
2,4-Dichlorophenol	U	250									
2,4-Dimethylphenol	U	250									
2,4-Dinitrophenol	U	500									
2,4-Dinitrotoluene	U	250									
2,6-Dinitrotoluene	U	250									
2-Chloronaphthalene	U	250									
2-Chlorophenol	U	250									
2-Methylnaphthalene	U	250									
2-Methylphenol	U	250									
2-Nitroaniline	U	250									
2-Nitrophenol	U	250									
3,3´-Dichlorobenzidine	U	250									
3+4-Methylphenol	U	250									
3-Nitroaniline	U	250									
4,6-Dinitro-2-methylphenol	U	500									
4-Bromophenyl phenyl ether	U	250									
4-Chloro-3-methylphenol	U	250									
4-Chloroaniline	U	250									
4-Chlorophenyl phenyl ether	U	250									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **8270_S**

Sample ID	**MB-228**	SampType:	**MBLK**	TestCode:	**8270_S**	Units:	**µg/Kg**	Prep Date:	**2/4/2014**	RunNo:	**320**		
Client ID:	**PBS**	Batch ID:	**228**	TestNo:	**SW8270D**	**SW3546**		Analysis Date:	**2/4/2014**	SeqNo:	**6183**		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Nitroaniline	U	250									
4-Nitrophenol	U	500									
Acenaphthene	U	250									
Acenaphthylene	U	250									
Acetophenone	U	250									
Aniline	U	250									
Anthracene	U	250									
Atrazine	U	250									
Azobenzene	U	250									
Benzaldehyde	U	500									
Benzidine	U	500									
Benzo(a)anthracene	U	250									
Benzo(a)pyrene	U	250									
Benzo(b)fluoranthene	U	250									
Benzo(g,h,i)perylene	U	250									
Benzo(k)fluoranthene	U	250									
Benzoic acid	U	500									
Benzyl alcohol	U	250									
Biphenyl	U	250									
Bis(2-chloroethoxy)methane	U	250									
Bis(2-chloroethyl)ether	U	250									
Bis(2-chloroisopropyl)ether	U	250									
Bis(2-ethylhexyl)phthalate	U	250									
Butyl benzyl phthalate	U	250									
Caprolactam	U	250									
Carbazole	U	250									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **8270_S**

Sample ID	**MB-228**	SampType:	**MBLK**	TestCode:	**8270_S**	Units:	**µg/Kg**	Prep Date:	**2/4/2014**	RunNo:	**320**		
Client ID:	**PBS**	Batch ID:	**228**	TestNo:	**SW8270D**	**SW3546**		Analysis Date:	**2/4/2014**	SeqNo:	**6183**		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chrysene	U	250									
Dibenzo(a,h)anthracene	U	250									
Dibenzofuran	U	250									
Diethyl phthalate	U	250									
Dimethyl phthalate	U	250									
Di-n-butyl phthalate	U	250									
Di-n-octyl phthalate	U	500									
Fluoranthene	U	250									
Fluorene	U	250									
Hexachlorobenzene	U	250									
Hexachlorobutadiene	U	250									
Hexachlorocyclopentadiene	U	250									
Hexachloroethane	U	250									
Indeno(1,2,3-c,d)pyrene	U	250									
Isophorone	U	250									
Naphthalene	U	250									
Nitrobenzene	U	250									
N-Nitrosodimethylamine	U	250									
N-Nitrosodi-n-propylamine	U	250									
N-Nitrosodiphenylamine	U	250									
Parathion	U	500									
Pentachlorophenol	U	500									
Phenanthrene	U	250									
Phenol	U	250									
Pyrene	U	250									
Pyridine	U	250									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

American Analytical Laboratories, LLC.
56 Toledo Street
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Website: www.American-Analytical.com

QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **8270_S**

Sample ID **MB-228** SampType: **MBLK** TestCode: **8270_S** Units: **µg/Kg** Prep Date: **2/4/2014** RunNo: **320**

Client ID: **PBS** Batch ID: **228** TestNo: **SW8270D** **SW3546** Analysis Date: **2/4/2014** SeqNo: **6183**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2,4,6-Tribromophenol	1600		2000		80.4	11	135				
Surr: 2-Fluorobiphenyl	830		1000		82.5	21	143				
Surr: 2-Fluorophenol	2300		2000		113	14	122				
Surr: 4-Terphenyl-d14	870		1000		87.4	15	137				
Surr: Nitrobenzene-d5	770		1000		77.2	17	136				
Surr: Phenol-d6	2200		2000		110	10	116				

Sample ID **LCS-228** SampType: **LCS** TestCode: **8270_S** Units: **µg/Kg** Prep Date: **2/4/2014** RunNo: **320**

Client ID: **LCSS** Batch ID: **228** TestNo: **SW8270D** **SW3546** Analysis Date: **2/4/2014** SeqNo: **6184**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	830	250	2000	0	41.3	30	125				
1,2-Dichlorobenzene	820	250	2000	0	41.0	24	122				
1,3-Dichlorobenzene	830	250	2000	0	41.6	25	125				
1,4-Dichlorobenzene	900	250	2000	0	45.2	23	121				
2,4,6-Trichlorophenol	730	250	2000	0	36.5	25	130				
2,4-Dichlorophenol	840	250	2000	0	42.0	31	125				
2,4-Dimethylphenol	820	250	2000	0	40.9	17	132				
2,4-Dinitrophenol	390	500	2000	0	19.6	1	116				J
2,4-Dinitrotoluene	750	250	2000	0	37.5	30	134				
2,6-Dinitrotoluene	730	250	2000	0	36.6	35	125				
2-Chloronaphthalene	840	250	2000	0	41.9	30	130				
2-Chlorophenol	920	250	2000	0	46.2	32	134				
2-Nitrophenol	870	250	2000	0	43.3	16	146				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **8270_S**

Sample ID **LCS-228** SampType: **LCS** TestCode: **8270_S** Units: **µg/Kg** Prep Date: **2/4/2014** RunNo: **320**

Client ID: **LCSS** Batch ID: **228** TestNo: **SW8270D** **SW3546** Analysis Date: **2/4/2014** SeqNo: **6184**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,6-Dinitro-2-methylphenol	740	500	2000	0	36.8	11	141				
4-Bromophenyl phenyl ether	850	250	2000	0	42.6	35	135				
4-Chloro-3-methylphenol	860	250	2000	0	43.2	19	139				
4-Chlorophenyl phenyl ether	850	250	2000	0	42.5	30	128				
4-Nitrophenol	850	500	2000	0	42.4	17	140				
Acenaphthene	840	250	2000	0	42.0	25	137				
Acenaphthylene	840	250	2000	0	42.2	23	136				
Anthracene	870	250	2000	0	43.3	23	150				
Benzo(a)anthracene	850	250	2000	0	42.7	31	140				
Benzo(a)pyrene	810	250	2000	0	40.7	36	136				
Benzo(b)fluoranthene	790	250	2000	0	39.6	30	140				
Benzo(g,h,i)perylene	900	250	2000	0	44.9	21	143				
Benzo(k)fluoranthene	830	250	2000	0	41.6	30	140				
Bis(2-chloroethoxy)methane	830	250	2000	0	41.3	18	110				
Bis(2-chloroethyl)ether	910	250	2000	0	45.4	30	131				
Bis(2-chloroisopropyl)ether	780	250	2000	0	39.2	34	124				
Bis(2-ethylhexyl)phthalate	790	250	2000	0	39.7	35	137				
Butyl benzyl phthalate	820	250	2000	0	41.0	34	140				
Chrysene	850	250	2000	0	42.4	31	133				
Dibenzo(a,h)anthracene	880	250	2000	0	43.9	24	145				
Diethyl phthalate	830	250	2000	0	41.4	35	130				
Dimethyl phthalate	840	250	2000	0	42.0	32	130				
Di-n-butyl phthalate	950	250	2000	0	47.6	35	131				
Di-n-octyl phthalate	770	500	2000	0	38.4	37	143				
Fluoranthene	1000	250	2000	0	50.1	21	139				
Fluorene	850	250	2000	0	42.5	30	130				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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Website: www.American-Analytical.com

QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **8270_S**

Sample ID **LCS-228** SampType: **LCS** TestCode: **8270_S** Units: **µg/Kg** Prep Date: **2/4/2014** RunNo: **320**

Client ID: **LCSS** Batch ID: **228** TestNo: **SW8270D** **SW3546** Analysis Date: **2/4/2014** SeqNo: **6184**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobenzene	890	250	2000	0	44.4	30	130				
Hexachlorobutadiene	860	250	2000	0	42.8	30	125				
Hexachlorocyclopentadiene	610	250	2000	0	30.7	12	126				
Hexachloroethane	800	250	2000	0	40.0	30	125				
Indeno(1,2,3-c,d)pyrene	870	250	2000	0	43.7	28	141				
Isophorone	820	250	2000	0	40.8	30	125				
Naphthalene	850	250	2000	0	42.6	27	131				
Nitrobenzene	820	250	2000	0	41.0	35	125				
N-Nitrosodimethylamine	850	250	2000	0	42.7	10	123				
N-Nitrosodi-n-propylamine	810	250	2000	0	40.4	39	125				
N-Nitrosodiphenylamine	470	250	2000	0	23.3	21	103				
Pentachlorophenol	760	500	2000	0	38.0	10	132				
Phenanthrene	870	250	2000	0	43.5	35	130				
Phenol	920	250	2000	0	46.0	20	135				
Pyrene	940	250	2000	0	47.1	30	152				
Surr: 2,4,6-Tribromophenol	1500		2000		73.7	11	135				
Surr: 2-Fluorobiphenyl	820		1000		82.3	21	143				
Surr: 2-Fluorophenol	1800		2000		92.1	14	122				
Surr: 4-Terphenyl-d14	940		1000		93.8	15	137				
Surr: Nitrobenzene-d5	840		1000		84.3	17	136				
Surr: Phenol-d6	1800		2000		92.4	10	116				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **8270_S**

Sample ID	**MB-228**	SampType:	**MBLK**	TestCode:	**8270_S**	Units:	**µg/Kg**	Prep Date:	**2/4/2014**	RunNo:	**344**		
Client ID:	**PBS**	Batch ID:	**228**	TestNo:	**SW8270D**	**SW3546**		Analysis Date:	**2/4/2014**	SeqNo:	**6202**		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	U	250									
1,2-Dichlorobenzene	U	250									
1,3-Dichlorobenzene	U	250									
1,4-Dichlorobenzene	U	250									
2,3,4,6-Tetrachlorophenol	U	250									
2,4,5-Trichlorophenol	U	250									
2,4,6-Trichlorophenol	U	250									
2,4-Dichlorophenol	U	250									
2,4-Dimethylphenol	U	250									
2,4-Dinitrophenol	U	500									*
2,4-Dinitrotoluene	U	250									
2,6-Dinitrotoluene	U	250									
2-Chloronaphthalene	U	250									
2-Chlorophenol	U	250									
2-Methylnaphthalene	U	250									
2-Methylphenol	U	250									
2-Nitroaniline	U	250									
2-Nitrophenol	U	250									
3,3´-Dichlorobenzidine	U	250									
3+4-Methylphenol	U	250									
3-Nitroaniline	U	250									
4,6-Dinitro-2-methylphenol	U	500									*
4-Bromophenyl phenyl ether	U	250									
4-Chloro-3-methylphenol	U	250									
4-Chloroaniline	U	250									
4-Chlorophenyl phenyl ether	U	250									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **8270_S**

Sample ID	**MB-228**	SampType:	**MBLK**	TestCode:	**8270_S**	Units:	**µg/Kg**	Prep Date:	**2/4/2014**	RunNo:	**344**		
Client ID:	**PBS**	Batch ID:	**228**	TestNo:	**SW8270D**	**SW3546**		Analysis Date:	**2/4/2014**	SeqNo:	**6202**		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Nitroaniline	U	250									
4-Nitrophenol	U	500									*
Acenaphthene	U	250									
Acenaphthylene	U	250									
Acetophenone	U	250									
Aniline	U	250									
Anthracene	U	250									
Atrazine	U	250									
Azobenzene	U	250									
Benzaldehyde	U	500									
Benzidine	U	500									*
Benzo(a)anthracene	U	250									
Benzo(a)pyrene	U	250									
Benzo(b)fluoranthene	U	250									
Benzo(g,h,i)perylene	U	250									
Benzo(k)fluoranthene	U	250									
Benzoic acid	U	500									*
Benzyl alcohol	U	250									
Biphenyl	U	250									
Bis(2-chloroethoxy)methane	U	250									
Bis(2-chloroethyl)ether	U	250									
Bis(2-chloroisopropyl)ether	U	250									
Bis(2-ethylhexyl)phthalate	U	250									
Butyl benzyl phthalate	U	250									
Caprolactam	U	250									
Carbazole	U	250									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **8270_S**

Sample ID	**MB-228**	SampType:	**MBLK**	TestCode:	**8270_S**	Units:	**µg/Kg**	Prep Date:	**2/4/2014**	RunNo:	**344**		
Client ID:	**PBS**	Batch ID:	**228**	TestNo:	**SW8270D**	**SW3546**		Analysis Date:	**2/4/2014**	SeqNo:	**6202**		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chrysene	U	250									
Dibenzo(a,h)anthracene	U	250									
Dibenzofuran	U	250									
Diethyl phthalate	U	250									
Dimethyl phthalate	U	250									
Di-n-butyl phthalate	U	250									
Di-n-octyl phthalate	U	500									
Fluoranthene	U	250									
Fluorene	U	250									
Hexachlorobenzene	U	250									
Hexachlorobutadiene	U	250									
Hexachlorocyclopentadiene	U	250									
Hexachloroethane	U	250									
Indeno(1,2,3-c,d)pyrene	U	250									
Isophorone	U	250									
Naphthalene	U	250									
Nitrobenzene	U	250									
N-Nitrosodimethylamine	U	250									
N-Nitrosodi-n-propylamine	U	250									
N-Nitrosodiphenylamine	U	250									
Parathion	U	500									
Pentachlorophenol	U	500									
Phenanthrene	U	250									
Phenol	U	250									
Pyrene	U	250									
Pyridine	U	250									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **8270_S**

Sample ID **MB-228** SampType: **MBLK** TestCode: **8270_S** Units: **µg/Kg** Prep Date: **2/4/2014** RunNo: **344**

Client ID: **PBS** Batch ID: **228** TestNo: **SW8270D** **SW3546** Analysis Date: **2/4/2014** SeqNo: **6202**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2,4,6-Tribromophenol	1600		2000		80.4	11	135				
Surr: 2-Fluorobiphenyl	830		1000		82.5	21	143				
Surr: 2-Fluorophenol	2300		2000		113	14	122				
Surr: 4-Terphenyl-d14	870		1000		87.4	15	137				
Surr: Nitrobenzene-d5	770		1000		77.2	17	136				
Surr: Phenol-d6	2200		2000		110	10	116				

Sample ID **LCS-228** SampType: **LCS** TestCode: **8270_S** Units: **µg/Kg** Prep Date: **2/4/2014** RunNo: **344**

Client ID: **LCSS** Batch ID: **228** TestNo: **SW8270D** **SW3546** Analysis Date: **2/4/2014** SeqNo: **6203**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	830	250	2000	0	41.3	30	125				
1,2-Dichlorobenzene	820	250	2000	0	41.0	24	122				
1,3-Dichlorobenzene	830	250	2000	0	41.6	25	125				
1,4-Dichlorobenzene	900	250	2000	0	45.2	23	121				
2,4,6-Trichlorophenol	730	250	2000	0	36.5	25	130				
2,4-Dichlorophenol	840	250	2000	0	42.0	31	125				
2,4-Dimethylphenol	820	250	2000	0	40.9	17	132				
2,4-Dinitrophenol	390	500	2000	0	19.6	1	116				J*
2,4-Dinitrotoluene	750	250	2000	0	37.5	30	134				
2,6-Dinitrotoluene	730	250	2000	0	36.6	35	125				
2-Chloronaphthalene	840	250	2000	0	41.9	30	130				
2-Chlorophenol	920	250	2000	0	46.2	32	134				
2-Nitrophenol	870	250	2000	0	43.3	16	146				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **8270_S**

Sample ID **LCS-228** SampType: **LCS** TestCode: **8270_S** Units: **µg/Kg** Prep Date: **2/4/2014** RunNo: **344**

Client ID: **LCSS** Batch ID: **228** TestNo: **SW8270D** **SW3546** Analysis Date: **2/4/2014** SeqNo: **6203**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,6-Dinitro-2-methylphenol	740	500	2000	0	36.8	11	141				*
4-Bromophenyl phenyl ether	850	250	2000	0	42.6	35	135				
4-Chloro-3-methylphenol	860	250	2000	0	43.2	19	139				
4-Chlorophenyl phenyl ether	850	250	2000	0	42.5	30	128				
4-Nitrophenol	850	500	2000	0	42.4	17	140				*
Acenaphthene	840	250	2000	0	42.0	25	137				
Acenaphthylene	840	250	2000	0	42.2	23	136				
Anthracene	870	250	2000	0	43.3	23	150				
Benzo(a)anthracene	850	250	2000	0	42.7	31	140				
Benzo(a)pyrene	810	250	2000	0	40.7	36	136				
Benzo(b)fluoranthene	790	250	2000	0	39.6	30	140				
Benzo(g,h,i)perylene	900	250	2000	0	44.9	21	143				
Benzo(k)fluoranthene	830	250	2000	0	41.6	30	140				
Bis(2-chloroethoxy)methane	830	250	2000	0	41.3	18	110				
Bis(2-chloroethyl)ether	910	250	2000	0	45.4	30	131				
Bis(2-chloroisopropyl)ether	780	250	2000	0	39.2	34	124				
Bis(2-ethylhexyl)phthalate	790	250	2000	0	39.7	35	137				
Butyl benzyl phthalate	820	250	2000	0	41.0	34	140				
Chrysene	850	250	2000	0	42.4	31	133				
Dibenzo(a,h)anthracene	880	250	2000	0	43.9	24	145				
Diethyl phthalate	830	250	2000	0	41.4	35	130				
Dimethyl phthalate	840	250	2000	0	42.0	32	130				
Di-n-butyl phthalate	950	250	2000	0	47.6	35	131				
Di-n-octyl phthalate	770	500	2000	0	38.4	37	143				
Fluoranthene	1000	250	2000	0	50.1	21	139				
Fluorene	850	250	2000	0	42.5	30	130				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **8270_S**

Sample ID **LCS-228** SampType: **LCS** TestCode: **8270_S** Units: **µg/Kg** Prep Date: **2/4/2014** RunNo: **344**

Client ID: **LCSS** Batch ID: **228** TestNo: **SW8270D** **SW3546** Analysis Date: **2/4/2014** SeqNo: **6203**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobenzene	890	250	2000	0	44.4	30	130				
Hexachlorobutadiene	860	250	2000	0	42.8	30	125				
Hexachlorocyclopentadiene	610	250	2000	0	30.7	12	126				
Hexachloroethane	800	250	2000	0	40.0	30	125				
Indeno(1,2,3-c,d)pyrene	870	250	2000	0	43.7	28	141				
Isophorone	820	250	2000	0	40.8	30	125				
Naphthalene	850	250	2000	0	42.6	27	131				
Nitrobenzene	820	250	2000	0	41.0	35	125				
N-Nitrosodimethylamine	850	250	2000	0	42.7	10	123				
N-Nitrosodi-n-propylamine	810	250	2000	0	40.4	39	125				
N-Nitrosodiphenylamine	470	250	2000	0	23.3	21	103				
Pentachlorophenol	760	500	2000	0	38.0	10	132				
Phenanthrene	870	250	2000	0	43.5	35	130				
Phenol	920	250	2000	0	46.0	20	135				
Pyrene	940	250	2000	0	47.1	30	152				
Surr: 2,4,6-Tribromophenol	1500		2000		73.7	11	135				
Surr: 2-Fluorobiphenyl	820		1000		82.3	21	143				
Surr: 2-Fluorophenol	1800		2000		92.1	14	122				
Surr: 4-Terphenyl-d14	940		1000		93.8	15	137				
Surr: Nitrobenzene-d5	840		1000		84.3	17	136				
Surr: Phenol-d6	1800		2000		92.4	10	116				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **8270_S**

Sample ID **1401133-005B** SampType: **MS** TestCode: **8270_S** Units: **µg/Kg-dry** Prep Date: **2/4/2014** RunNo: **344**

Client ID: **BatchQC** Batch ID: **228** TestNo: **SW8270D** **SW3546** Analysis Date: **2/5/2014** SeqNo: **6221**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	930	290	2331	0	39.8	21	128				
1,2-Dichlorobenzene	930	290	2331	0	39.7	20	129				
1,3-Dichlorobenzene	880	290	2331	0	37.9	19	122				m
1,4-Dichlorobenzene	950	290	2331	0	40.6	22	127				
2,4,6-Trichlorophenol	620	290	2331	0	26.7	20	126				
2,4-Dichlorophenol	880	290	2331	0	37.8	18	125				
2,4-Dimethylphenol	910	290	2331	0	39.1	22	130				
2,4-Dinitrophenol	U	580	2331	0	0	1	132				S*
2,4-Dinitrotoluene	200	290	2331	0	8.39	21	124				JS
2,6-Dinitrotoluene	170	290	2331	0	7.17	20	127				JS
2-Chloronaphthalene	850	290	2331	0	36.5	18	145				
2-Chlorophenol	790	290	2331	0	33.9	18	117				
2-Nitrophenol	280	290	2331	0	12.1	15	121				JSm
4,6-Dinitro-2-methylphenol	340	580	2331	0	14.6	12	128				J
4-Bromophenyl phenyl ether	900	290	2331	0	38.8	27	135				
4-Chloro-3-methylphenol	880	290	2331	0	37.7	20	130				
4-Chlorophenyl phenyl ether	900	290	2331	0	38.8	35	125				
4-Nitrophenol	570	580	2331	0	24.6	22	141				J
Acenaphthene	740	290	2331	36.28	30.0	24	132				
Acenaphthylene	530	290	2331	0	22.8	22	134				
Anthracene	430	290	2331	29.60	17.3	23	139				S
Benzo(a)anthracene	590	290	2331	45.23	23.2	24	134				S
Benzo(a)pyrene	450	290	2331	31.20	17.8	23	136				S
Benzo(b)fluoranthene	710	290	2331	32.36	29.0	24	132				m
Benzo(g,h,i)perylene	610	290	2331	0	26.2	27	131				S
Benzo(k)fluoranthene	630	290	2331	0	27.2	25	135				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **8270_S**

Sample ID **1401133-005B** SampType: **MS** TestCode: **8270_S** Units: **µg/Kg-dry** Prep Date: **2/4/2014** RunNo: **344**

Client ID: **BatchQC** Batch ID: **228** TestNo: **SW8270D** **SW3546** Analysis Date: **2/5/2014** SeqNo: **6221**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bis(2-chloroethoxy)methane	780	290	2331	0	33.4	23	133				
Bis(2-chloroethyl)ether	920	290	2331	0	39.4	20	120				
Bis(2-chloroisopropyl)ether	730	290	2331	0	31.2	32	120				S
Bis(2-ethylhexyl)phthalate	780	290	2331	0	33.6	28	144				
Butyl benzyl phthalate	710	290	2331	0	30.3	28	142				
Chrysene	790	290	2331	47.97	31.7	24	136				
Dibenzo(a,h)anthracene	580	290	2331	0	24.8	24	134				
Diethyl phthalate	830	290	2331	0	35.4	24	130				
Dimethyl phthalate	790	290	2331	0	33.8	24	131				
Di-n-butyl phthalate	840	290	2331	0	36.0	25	133				
Di-n-octyl phthalate	740	580	2331	0	31.6	23	142				
Fluoranthene	950	290	2331	105.7	36.4	22	122				
Fluorene	970	290	2331	97.22	37.5	22	124				
Hexachlorobenzene	930	290	2331	0	40.0	25	132				
Hexachlorobutadiene	970	290	2331	0	41.4	23	123				
Hexachlorocyclopentadiene	U	290	2331	0	0	1	124				S
Hexachloroethane	11000	290	2331	0	483	3	111				ES
Indeno(1,2,3-c,d)pyrene	660	290	2331	0	28.1	26	140				
Isophorone	810	290	2331	0	34.7	23	127				
Naphthalene	7800	290	2331	6943	36.4	20	120				E
Nitrobenzene	1100	290	2331	0	48.1	17	117				
N-Nitrosodimethylamine	630	290	2331	0	26.9	5	110				
N-Nitrosodi-n-propylamine	1500	290	2331	0	65.3	24	126				
N-Nitrosodiphenylamine	280	290	2331	0	12.1	22	136				JS
Pentachlorophenol	960	580	2331	0	41.3	17	116				*
Phenanthrene	970	290	2331	134.3	36.1	18	126				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **8270_S**

Sample ID **1401133-005B** SampType: **MS** TestCode: **8270_S** Units: **µg/Kg-dry** Prep Date: **2/4/2014** RunNo: **344**

Client ID: **BatchQC** Batch ID: **228** TestNo: **SW8270D** **SW3546** Analysis Date: **2/5/2014** SeqNo: **6221**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenol	750	290	2331	0	32.0	11	106				
Pyrene	780	290	2331	102.4	28.9	20	137				
Surr: 2,4,6-Tribromophenol	1300		2331		54.9	11	135				
Surr: 2-Fluorobiphenyl	850		1165		73.0	21	143				
Surr: 2-Fluorophenol	1200		2331		52.7	14	122				
Surr: 4-Terphenyl-d14	770		1165		66.3	15	137				
Surr: Nitrobenzene-d5	630		1165		54.4	17	136				
Surr: Phenol-d6	1300		2331		57.2	10	116				

Sample ID **1401133-005B** SampType: **MSD** TestCode: **8270_S** Units: **µg/Kg-dry** Prep Date: **2/4/2014** RunNo: **344**

Client ID: **BatchQC** Batch ID: **228** TestNo: **SW8270D** **SW3546** Analysis Date: **2/5/2014** SeqNo: **6222**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	950	290	2331	0	40.8	21	128	927.7	2.55	20	
1,2-Dichlorobenzene	950	290	2331	0	40.8	20	129	926.1	2.70	20	
1,3-Dichlorobenzene	890	290	2331	0	38.4	19	122	883.3	1.26	20	
1,4-Dichlorobenzene	960	290	2331	0	41.0	22	127	947.0	0.842	20	
2,4,6-Trichlorophenol	800	290	2331	0	34.5	20	126	622.5	25.5	20	R
2,4-Dichlorophenol	1000	290	2331	0	44.1	18	125	881.9	15.4	20	
2,4-Dimethylphenol	1100	290	2331	0	47.4	22	130	912.4	19.0	20	
2,4-Dinitrophenol	U	580	2331	0	0	1	132	0	0	20	S*
2,4-Dinitrotoluene	250	290	2331	0	10.9	21	124	195.5	26.3	20	JRS
2,6-Dinitrotoluene	210	290	2331	0	8.92	20	127	167.1	21.7	20	JRS
2-Chloronaphthalene	900	290	2331	0	38.8	18	145	850.0	6.16	20	

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **8270_S**

Sample ID **1401133-005B** SampType: **MSD** TestCode: **8270_S** Units: **µg/Kg-dry** Prep Date: **2/4/2014** RunNo: **344**

Client ID: **BatchQC** Batch ID: **228** TestNo: **SW8270D** **SW3546** Analysis Date: **2/5/2014** SeqNo: **6222**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Chlorophenol	920	290	2331	0	39.5	18	117	791.0	15.2	20	
2-Nitrophenol	270	290	2331	0	11.5	15	121	281.6	4.92	20	JS
4,6-Dinitro-2-methylphenol	340	580	2331	0	14.5	12	128	339.8	0.210	20	J
4-Bromophenyl phenyl ether	950	290	2331	0	40.9	27	135	904.3	5.20	20	
4-Chloro-3-methylphenol	970	290	2331	0	41.7	20	130	878.1	10.1	20	
4-Chlorophenyl phenyl ether	960	290	2331	0	41.0	35	125	904.0	5.51	20	
4-Nitrophenol	710	580	2331	0	30.4	22	141	574.4	20.9	20	R
Acenaphthene	880	290	2331	36.28	36.0	24	132	735.3	17.4	20	
Acenaphthylene	720	290	2331	0	30.9	22	134	532.3	30.0	20	R
Anthracene	550	290	2331	29.60	22.3	23	139	433.8	23.4	20	RS
Benzo(a)anthracene	720	290	2331	45.23	29.1	24	134	586.1	20.9	20	R
Benzo(a)pyrene	480	290	2331	31.20	19.4	23	136	445.6	8.24	20	S
Benzo(b)fluoranthene	760	290	2331	32.36	31.1	24	132	707.2	6.67	20	m
Benzo(g,h,i)perylene	700	290	2331	0	30.0	27	131	611.2	13.3	20	
Benzo(k)fluoranthene	710	290	2331	0	30.5	25	135	633.8	11.6	20	
Bis(2-chloroethoxy)methane	700	290	2331	0	30.2	23	133	779.4	10.2	20	
Bis(2-chloroethyl)ether	910	290	2331	0	38.9	20	120	917.9	1.31	20	
Bis(2-chloroisopropyl)ether	740	290	2331	0	31.6	32	120	727.2	1.32	20	S
Bis(2-ethylhexyl)phthalate	820	290	2331	0	35.0	28	144	782.8	4.19	20	
Butyl benzyl phthalate	760	290	2331	0	32.7	28	142	705.7	7.62	20	
Chrysene	840	290	2331	47.97	34.2	24	136	786.9	7.02	20	
Dibenzo(a,h)anthracene	670	290	2331	0	28.9	24	134	578.9	15.1	20	
Diethyl phthalate	910	290	2331	0	39.0	24	130	826.2	9.43	20	
Dimethyl phthalate	880	290	2331	0	37.9	24	131	788.2	11.5	20	
Di-n-butyl phthalate	900	290	2331	0	38.5	25	133	838.5	6.76	20	
Di-n-octyl phthalate	770	580	2331	0	32.9	23	142	735.9	4.01	20	

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **8270_S**

Sample ID **1401133-005B** SampType: **MSD** TestCode: **8270_S** Units: **µg/Kg-dry** Prep Date: **2/4/2014** RunNo: **344**

Client ID: **BatchQC** Batch ID: **228** TestNo: **SW8270D** **SW3546** Analysis Date: **2/5/2014** SeqNo: **6222**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Fluoranthene	1000	290	2331	105.7	38.8	22	122	953.4	5.84	20	
Fluorene	1000	290	2331	97.22	39.6	22	124	972.0	4.85	20	
Hexachlorobenzene	980	290	2331	0	42.2	25	132	932.3	5.28	20	
Hexachlorobutadiene	1000	290	2331	0	43.3	23	123	965.5	4.51	20	
Hexachlorocyclopentadiene	U	290	2331	0	0	1	124	0	0	20	S
Hexachloroethane	11000	290	2331	0	456	3	111	11250	5.63	20	ES
Indeno(1,2,3-c,d)pyrene	730	290	2331	0	31.1	26	140	655.4	10.2	20	
Isophorone	830	290	2331	0	35.7	23	127	809.4	2.80	20	
Naphthalene	7600	290	2331	6943	29.5	20	120	7791	2.06	20	E
Nitrobenzene	1200	290	2331	0	51.2	17	117	1122	6.06	20	
N-Nitrosodimethylamine	710	290	2331	0	30.6	5	110	626.1	13.1	20	
N-Nitrosodi-n-propylamine	1500	290	2331	0	66.1	24	126	1523	1.14	20	
N-Nitrosodiphenylamine	400	290	2331	0	17.3	22	136	282.4	35.4	20	RS
Pentachlorophenol	1100	580	2331	0	46.3	17	116	961.6	11.6	20	*
Phenanthrene	1000	290	2331	134.3	37.6	18	126	974.6	3.72	20	
Phenol	820	290	2331	0	35.2	11	106	745.2	9.52	20	
Pyrene	880	290	2331	102.4	33.2	20	137	777.1	11.9	20	
Surr: 2,4,6-Tribromophenol	1600		2331		68.8	11	135		0	0	
Surr: 2-Fluorobiphenyl	900		1165		76.9	21	143		0	0	
Surr: 2-Fluorophenol	1500		2331		63.9	14	122		0	0	
Surr: 4-Terphenyl-d14	810		1165		69.2	15	137		0	0	
Surr: Nitrobenzene-d5	740		1165		63.7	17	136		0	0	
Surr: Phenol-d6	1500		2331		65.3	10	116		0	0	

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **HG_S**

Sample ID **MBS020414A** SampType: **MBLK** TestCode: **HG_S** Units: **mg/Kg** Prep Date: **2/4/2014** RunNo: **332**
Client ID: **PBS** Batch ID: **229** TestNo: **SW7471B** **SW7471B** Analysis Date: **2/4/2014** SeqNo: **6035**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	U	0.0120									

Sample ID **LCSS020414A** SampType: **LCS** TestCode: **HG_S** Units: **mg/Kg** Prep Date: **2/4/2014** RunNo: **332**
Client ID: **LCSS** Batch ID: **229** TestNo: **SW7471B** **SW7471B** Analysis Date: **2/4/2014** SeqNo: **6036**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.190	0.0120	0.2000	0	94.8	80	120				

Sample ID **1401119-006BMS** SampType: **MS** TestCode: **HG_S** Units: **mg/Kg-dry** Prep Date: **2/4/2014** RunNo: **332**
Client ID: **B-5 (3-5)** Batch ID: **229** TestNo: **SW7471B** **SW7471B** Analysis Date: **2/4/2014** SeqNo: **6061**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.197	0.0123	0.2044	0	96.3	80	120				

Sample ID **1401119-006BMSD** SampType: **MSD** TestCode: **HG_S** Units: **mg/Kg-dry** Prep Date: **2/4/2014** RunNo: **332**
Client ID: **B-5 (3-5)** Batch ID: **229** TestNo: **SW7471B** **SW7471B** Analysis Date: **2/4/2014** SeqNo: **6062**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.120	0.0121	0.2024	0	59.3	80	120	0.1967	48.5	20	RS

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **ICPSCAN_S**

Sample ID	**MBS020314A**	SampType:	**MBLK**	TestCode:	**ICPSCAN_S**	Units:	**mg/Kg**	Prep Date:	**2/3/2014**	RunNo:	**318**		
Client ID:	**PBS**	Batch ID:	**218**	TestNo:	**SW6010C**	**SW3050B**		Analysis Date:	**2/3/2014**	SeqNo:	**5855**		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	U	0.400									
Antimony	U	0.500									
Arsenic	U	0.500									
Barium	U	0.400									
Beryllium	U	0.400									
Cadmium	U	0.400									
Calcium	U	0.500									
Chromium	U	0.400									
Cobalt	U	0.400									
Copper	U	0.400									
Iron	U	0.400									
Lead	U	0.400									
Magnesium	U	0.400									
Manganese	U	0.400									
Nickel	U	0.400									
Potassium	U	0.500									
Selenium	U	0.500									
Silver	U	0.400									
Sodium	U	0.500									
Thallium	U	0.500									
Vanadium	U	0.400									
Zinc	U	0.400									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **ICPSCAN_S**

Sample ID **LCSS020314A** SampType: **LCS** TestCode: **ICPSCAN_S** Units: **mg/Kg** Prep Date: **2/3/2014** RunNo: **318**

Client ID: **LCSS** Batch ID: **218** TestNo: **SW6010C** **SW3050B** Analysis Date: **2/3/2014** SeqNo: **5856**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	39.4	0.400	40.00	0	98.4	80	120				
Antimony	40.5	0.500	40.00	0	101	80	120				
Arsenic	41.1	0.500	40.00	0	103	80	120				
Barium	38.9	0.400	40.00	0	97.3	80	120				
Beryllium	39.1	0.400	40.00	0	97.6	80	120				
Cadmium	39.4	0.400	40.00	0	98.4	80	120				
Calcium	39.7	0.500	40.00	0	99.3	80	120				
Chromium	40.1	0.400	40.00	0	100	80	120				
Cobalt	40.6	0.400	40.00	0	102	80	120				
Copper	39.1	0.400	40.00	0	97.8	80	120				
Iron	39.4	0.400	40.00	0	98.5	80	120				
Lead	39.6	0.400	40.00	0	99.0	80	120				
Magnesium	41.4	0.400	40.00	0	104	80	120				
Manganese	39.1	0.400	40.00	0	97.9	80	120				
Nickel	39.2	0.400	40.00	0	98.0	80	120				
Potassium	397	0.500	400.0	0	99.2	80	120				
Selenium	39.3	0.500	40.00	0	98.3	80	120				
Silver	40.0	0.400	40.00	0	99.9	80	120				
Sodium	41.2	0.500	40.00	0	103	80	120				
Thallium	39.7	0.500	40.00	0	99.3	80	120				
Vanadium	39.1	0.400	40.00	0	97.7	80	120				
Zinc	39.6	0.400	40.00	0	99.0	80	120				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **ICPSCAN_S**

Sample ID **1401119-006BMS** SampType: **MS** TestCode: **ICPSCAN_S** Units: **mg/Kg-dry** Prep Date: **2/3/2014** RunNo: **318**

Client ID: **B-5 (3-5)** Batch ID: **218** TestNo: **SW6010C** **SW3050B** Analysis Date: **2/3/2014** SeqNo: **5872**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	2310	0.401	20.04	2373	-330	75	125				S
Antimony	18.3	0.501	20.04	0	91.4	75	125				
Arsenic	19.1	0.501	20.04	0.8429	90.9	75	125				
Barium	30.0	0.401	20.04	10.83	95.5	75	125				
Beryllium	16.6	0.401	20.04	0	82.6	75	125				
Cadmium	17.5	0.401	20.04	0	87.3	75	125				
Calcium	263	0.501	20.04	247.3	79.9	75	125				
Chromium	25.3	0.401	20.04	7.242	90.1	75	125				
Cobalt	12.6	0.401	20.04	0	62.7	75	125				S
Copper	25.4	0.401	20.04	6.529	94.3	75	125				
Iron	3730	0.401	20.04	3794	-307	75	125				S
Lead	18.4	0.401	20.04	2.167	80.8	75	125				
Magnesium	622	0.401	20.04	627.7	-27.1	75	125				S
Manganese	171	0.401	20.04	159.8	57.3	75	125				S
Nickel	21.5	0.401	20.04	5.078	81.9	75	125				
Potassium	505	0.501	200.4	293.6	105	75	125				
Selenium	16.1	0.501	20.04	0	80.5	75	125				
Silver	18.1	0.401	20.04	0	90.2	75	125				
Sodium	39.6	0.501	20.04	19.28	101	75	125				
Thallium	17.7	0.501	20.04	0	88.5	75	125				
Vanadium	27.5	0.401	20.04	9.333	90.7	75	125				
Zinc	26.6	0.401	20.04	8.952	88.3	75	125				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

American Analytical Laboratories, LLC.
56 Toledo Street
Farmingdale, New York 11735
TEL: (631) 454-6100 FAX: (631) 454-8027
Website: www.American-Analytical.com

QC SUMMARY REPORT

WO#: **1401119**

06-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102- 14/16 Ozone Park, NY

TestCode: **ICPSCAN_S**

Sample ID **1401119-006BMSD** SampType: **MSD** TestCode: **ICPSCAN_S** Units: **mg/Kg-dry** Prep Date: **2/3/2014** RunNo: **318**

Client ID: **B-5 (3-5)** Batch ID: **218** TestNo: **SW6010C** **SW3050B** Analysis Date: **2/3/2014** SeqNo: **5873**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	2320	0.402	20.12	2373	-243	75	125	2307	0.745	20	S
Antimony	18.8	0.503	20.12	0	93.6	75	125	18.32	2.77	20	
Arsenic	19.3	0.503	20.12	0.8429	91.9	75	125	19.06	1.36	20	
Barium	30.2	0.402	20.12	10.83	96.4	75	125	29.97	0.811	20	
Beryllium	16.8	0.402	20.12	0	83.4	75	125	16.56	1.34	20	
Cadmium	17.6	0.402	20.12	0	87.4	75	125	17.49	0.572	20	
Calcium	262	0.503	20.12	247.3	75.2	75	125	263.3	0.333	20	
Chromium	25.4	0.402	20.12	7.242	90.4	75	125	25.29	0.588	20	
Cobalt	13.2	0.402	20.12	0	65.5	75	125	12.56	4.76	20	S
Copper	25.7	0.402	20.12	6.529	95.1	75	125	25.43	0.940	20	
Iron	3760	0.402	20.12	3794	-173	75	125	3732	0.709	20	S
Lead	18.5	0.402	20.12	2.167	81.2	75	125	18.36	0.755	20	
Magnesium	626	0.402	20.12	627.7	-8.51	75	125	622.3	0.597	20	S
Manganese	172	0.402	20.12	159.8	61.8	75	125	171.3	0.548	20	S
Nickel	21.6	0.402	20.12	5.078	82.2	75	125	21.49	0.555	20	
Potassium	509	0.503	201.2	293.6	107	75	125	504.8	0.889	20	
Selenium	16.4	0.503	20.12	0	81.6	75	125	16.12	1.78	20	
Silver	18.4	0.402	20.12	0	91.3	75	125	18.07	1.61	20	
Sodium	39.8	0.503	20.12	19.28	102	75	125	39.58	0.649	20	
Thallium	17.9	0.503	20.12	0	88.9	75	125	17.74	0.876	20	
Vanadium	27.7	0.402	20.12	9.333	91.4	75	125	27.52	0.737	20	
Zinc	26.5	0.402	20.12	8.952	87.4	75	125	26.64	0.370	20	

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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Website: www.American-Analytical.com

Sample Log-In Check List

Client Name: **HOLZMACHER** Work Order Number: **1401119** RcptNo: **1**

Logged by:	**Cate Ferrara**	**1/29/2014 3:00:00 PM**	C Ferrara
Completed By:	**Cate Ferrara**	**1/29/2014**	C Ferrara
Reviewed By:	**Lori Beyer**	**1/30/2014**	Lori Beyer

Chain of Custody

1. Is Chain of Custody complete? Yes ☑ No ☐ Not Present ☐
2. How was the sample delivered? AAL Lab Courier

Log In

3. Coolers are present? Yes ☑ No ☐ NA ☐
4. Shipping container/cooler in good condition? Yes ☑ No ☐
   Custody seals intact on shipping container/cooler? Yes ☐ No ☐ Not Present ☑
   No. Seal Date: Signed By:
5. Was an attempt made to cool the samples? Yes ☑ No ☐ NA ☐
6. Were all samples received at a temperature of >0° C to 6.0°C Yes ☑ No ☐ NA ☐
7. Sample(s) in proper container(s)? Yes ☐ No ☑
8. Sufficient sample volume for indicated test(s)? Yes ☑ No ☐
9. Are samples (except VOA and ONG) properly preserved? Yes ☑ No ☐
10. Was preservative added to bottles? Yes ☐ No ☑ NA ☐
11. Is the headspace in the VOA vials less than 1/4 inch or 6 mm? Yes ☐ No ☐ No VOA Vials ☑
12. Were any sample containers received broken? Yes ☐ No ☑
13. Does paperwork match bottle labels? Yes ☑ No ☐
    (Note discrepancies on chain of custody)
14. Are matrices correctly identified on Chain of Custody? Yes ☑ No ☐
15. Is it clear what analyses were requested? Yes ☑ No ☐
16. Were all holding times able to be met? Yes ☑ No ☐
    (If no, notify customer for authorization.)

Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified:		Date	
By Whom:		Via:	☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:			
Client Instructions:			

18. Additional remarks:

    Samples not collected according to Method 5035A.

Cooler Information

Cooler No	Temp ºC	Condition	Seal Intact	Seal No	Seal Date	Signed By

Definitions:

Sample Result and QC Summary Qualifiers - Level I and Level II Reports

B - The analyte was detected in the associated method blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consier anything <10x the blank value as artifact.

E - The value is above the quantitation range

J - The analyte was detected below the limit of quantitation but greater than the established Limit of Detection (LOD). There is greater uncertainty associated with these results and data should be considered as estimated.

U - The compound was analyzed for but not detected.

H - Holding time for preparation or analysis has been exceeded.

S - Spike recovery is outside accepted recovery limits.

R - RPD is outside accepted recovery range.

P - Secondary column exceeds 40% difference for GC test.

* - Calibration exceeds method requirement. Due to the large number of analytes for organic testing, the method allows 10% of analytes to have %RSD and/or %D to be >20%.

LOD - Limit of Detection; the lowest level the analyte can be determined to be statistically different from a blank.

LOQ - Limit of Quantitation; the lowest amount of analyte in a sample that can be quantitatively determined with suitable precision and accurary.

m - Analyte was manually integrated for GC/MS.

+ - Concentration exceeds regulatory level for TCLP

CHAIN OF CUSTODY

AMERICAN ANALYTICAL LABORATORIES
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CERTIFICATIONS
NY ELAP - 11418 PA DEP - 68-00573
NJ DEP - NY050 CT DOH - PH-0205

Client Information

Company Name: JR HOLZMACHER
Address: 3555 VETERANS MEMORIAL HWY
City: RONKONKOMA State: NY Zip: 11779
Project Contact: JIM DEMARTINIS
Phone #: 631-234-2220
E-mail:

Project Information

Project Name: LIBERTY AVE
Street: 102-14/16 LIBERTY AVE
City: OZONE PARK State: NY Zip: 11417
Project #: YUNA J 14-01
Sampler's Name / Company: PHIL HOFFLER / JRH
Sampler's Signature:

Analytical Information

LAB SAMPLE # (LAB USE ONLY)	Client Sample ID	Sample Type	Matrix Code	Date	Time	Glass / Plastic	Total # of bottles	NONE	HCl	NaOH	HNO_3	H_2SO_4	$NaHSO_4$	MeOH	OTHER	VOC	SVOC	TAL METALS	PCBs	PESTICIDES
1401119-001	B-1 (0-2)	G	S	1/29/14	1323	G	2	X								X	X	X	X	X
002	B-1 (9-11)	↓	↓	↓	1307	↓	↓	↓								X	X	X	X	X
003	B-4 (0-2)	↓	↓	↓	1200	↓	↓	↓								X	X	X	X	X
004	B-4 (13-15)	↓	↓	↓	1212	↓	↓	↓								X	X	X	X	X
005	B-5 (0-2)	↓	↓	↓	1145	↓	↓	↓								X	X	X	X	X
006	B-5 (3-5)	↓	↓	↓	1148	↓	↓	↓								X	X	X	X	X

Turnaround Time (Business Days)

- [X] Standard 7-10 Business Days
- [ ] 3 Day *RUSH*
- [ ] 5 Day *RUSH*
- [ ] 2 Day *RUSH*
- [ ] 4 Day *RUSH*
- [ ] 1 Day *RUSH*

SAMPLE TYPE

G = Grab
C = Composite
B = Blank

MATRIX CODES

L = Liquid
PC = Paint Chip
S = Soil
SL = Sludge
O = Oil
SD = Solid
W = Wipe
M = Miscellaneous

Comments / Remarks

Cooler Temp: 2.7

Sample custody must be documented below, each time samples change possession, with a signature, date, and time.

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
	1/29/14	PHILIP HOFFLER JR	P Masi	1/29/14 3:00	P MASI
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME

American Analytical Laboratories, LLC.
56 Toledo Street
Farmingdale, New York 11735
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Website: www.American-Analytical.com

February 11, 2014

Jim DeMartinis
J.R. Holzmacher P.E. LLC
3555 Veterans Memorial Hwy., Suite A
Ronkonkoma, NY 11788
TEL: (631) 234-2220
FAX (631) 234-2221

RE: Liberty Ave., 102-14/16 Liberty Ave., Ozon Order No.: 1401124

Dear Jim DeMartinis:

American Analytical Laboratories, LLC. received 8 sample(s) on 1/30/2014 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report. The results reported herein relate only to the items tested or to the samples as received by the laboratory. This report may not be reproduced, except in full, without the approval of American Analytical Laboratories, LLC and is not considered complete without a cover page and chain of custody documentation. The limits (LOQ) provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report or the data is qualified either on the sample results or in the QC section of the report. This package has been reviewed by American Analytical Laboratories' QA Department/Laboratory Director to comply with NELAC standards prior to report submittal.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer

Lori Beyer
Lab Director
American Analytical Laboratories, LLC.

American Analytical Laboratories, LLC.
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Farmingdale, New York 11735
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Website: www.American-Analytical.com

Workorder Sample Summary

WO#: **1401124**

11-Feb-14

CLIENT: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa

Lab SampleID	Client Sample ID	Tag No	Date Collected	Date Received	Matrix
1401124-001A	B-2 (0-2)		1/30/2014 10:00:00 AM	1/30/2014 1:25:00 PM	Soil
1401124-001B	B-2 (0-2)		1/30/2014 10:00:00 AM	1/30/2014 1:25:00 PM	Soil
1401124-002A	B-2 (4-6)		1/30/2014 10:03:00 AM	1/30/2014 1:25:00 PM	Soil
1401124-002B	B-2 (4-6)		1/30/2014 10:03:00 AM	1/30/2014 1:25:00 PM	Soil
1401124-003A	B-3 (0-2)		1/30/2014 10:38:00 AM	1/30/2014 1:25:00 PM	Soil
1401124-003B	B-3 (0-2)		1/30/2014 10:38:00 AM	1/30/2014 1:25:00 PM	Soil
1401124-004A	B-3 (4-6)		1/30/2014 10:43:00 AM	1/30/2014 1:25:00 PM	Soil
1401124-004B	B-3 (4-6)		1/30/2014 10:43:00 AM	1/30/2014 1:25:00 PM	Soil
1401124-005A	B-6 (0-2)		1/30/2014 9:15:00 AM	1/30/2014 1:25:00 PM	Soil
1401124-005B	B-6 (0-2)		1/30/2014 9:15:00 AM	1/30/2014 1:25:00 PM	Soil
1401124-006A	B-6 (4-6)		1/30/2014 9:20:00 AM	1/30/2014 1:25:00 PM	Soil
1401124-006B	B-6 (4-6)		1/30/2014 9:20:00 AM	1/30/2014 1:25:00 PM	Soil
1401124-007A	B-7 (0-2)		1/30/2014 8:50:00 AM	1/30/2014 1:25:00 PM	Soil
1401124-007B	B-7 (0-2)		1/30/2014 8:50:00 AM	1/30/2014 1:25:00 PM	Soil
1401124-008A	B-7 (3-5)		1/30/2014 8:53:00 AM	1/30/2014 1:25:00 PM	Soil
1401124-008B	B-7 (3-5)		1/30/2014 8:53:00 AM	1/30/2014 1:25:00 PM	Soil

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Case Narrative

WO#: **1401124**
Date: **2/11/2014**

CLIENT: J.R. Holzmacher P.E. LLC
Project: Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa

Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846 and additional methods as detailed throughout the text of the report. All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives with exceptions notated in this Narrative discussion and/or in the QC Summary Section of the lab report with appropriate qualifiers. Additional quality control information such as surrogate recovery values for organic testing is provided as part of the analytical results.

Soil sample results analyzed for Volatile Organics via preparation method SW846 Method 5035A via the Low Level procedures potentially may be estimated, "J" (biased low) since the samples for this test were not collected according to the 5035A Method.
Volatile LCS are analyzed with preservatives - HCL/NaHSO4/Methanol depending on level of analysis (high/low) similar to sample analysis. Outliers can be attributed to the presence of chemical preservatives. 2-Chloroethyl vinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Pesticide analysis by Method 8081B (if applicable to this work order) is analyzed on two distinct columns. Once a target compound is qualitatively confirmed by detection on both columns and quantitation is determined to be >40% between the two columns, AAL's policy is to report the lower of the values as suggested by SW846 Method 8000C in cases where no interference exists. If in the professional judgment of the laboratory, the higher value must be utilized this is explained in the lab report.

The following parameters (if included in this report) are not offered by NY ELAP: VOA 8260 Soil; 1,2,4,5-Tetramethylbenzene, Chlorodifluoromethane, Diisopropyl ether, Ethanol, Freon-114, p-Diethylbenzene, p-Ethyltoluene, Isopropyl Acetate, n-Amyl Acetate, n-Butyl Acetate, n-Propyl Acetate. VOA 8260 Liquid; 1,2,4,5-Tetramethylbenzene, Chlorodifluoromethane, Freon-114, p-Diethylbenzene, p-Ethyltoluene, Isopropyl Acetate, n-Amyl acetate, n-Butyl Acetate, n-Propyl Acetate. Pesticides 8081 Soil; DBCP. Herbicides 8151 Soil; 3,5-Dichlorobenzoic Acid, 4-Nitrophenol, Acifluorfen, Bentazon, Chloramben, DCPA, Picloram .Lachat 10-107-6-1B Ammonia in Soil, SM 2540G Total Volatile Solids, Soil TKN, Soil Organic Nitrogen, Percent Moisture, SM 4500-SO3 B Sulfite in Liquid, Total Sulfur in Soil, Acid Soluble Chloride by ASTMC1152, Water Soluble Chloride by ASTMC1218, Chlorine Demand by SM 2350 B, Total Residual Chlorine in Liquid

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Case Narrative

WO#: **1401124**
Date: **2/11/2014**

CLIENT: J.R. Holzmacher P.E. LLC
Project: Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa

The test results meet the requirements of the NYSDOH and NELAC standards, except where noted. The information contained in this analytical report is the sole property of American Analytical Laboratories, LLC. Or the client for which this report was issued. The results contained in this report are only representative of the samples received. The sample receipt checklist is included as part of this lab report. Conditions can vary at different times and at different sampling conditions. American Analytical is not responsible for the use or interpretation of the data included herein.

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-2 (0-2)
Lab Order:	1401124	**Collection Date:**	1/30/2014 10:00:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-001A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
1,1,1,2-Tetrachloroethane	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
1,1,1-Trichloroethane	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
1,1,2,2-Tetrachloroethane	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
1,1,2-Trichloroethane	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
1,1-Dichloroethane	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
1,1-Dichloroethene	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
1,1-Dichloropropene	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
1,2,3-Trichlorobenzene	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
1,2,3-Trichloropropane	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
1,2,4,5-Tetramethylbenzene	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
1,2,4-Trichlorobenzene	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
1,2,4-Trimethylbenzene	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
1,2-Dibromo-3-chloropropane	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
1,2-Dibromoethane	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
1,2-Dichlorobenzene	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
1,2-Dichloroethane	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
1,2-Dichloropropane	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
1,3,5-Trimethylbenzene	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
1,3-Dichlorobenzene	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
1,3-dichloropropane	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
1,4-Dichlorobenzene	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
1,4-Dioxane	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
2,2-Dichloropropane	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
2-Butanone	U	5.76	12		µg/Kg-dry	1	1/31/2014 1:56:00 PM
2-Chloroethyl vinyl ether	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
2-Chlorotoluene	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
2-Hexanone	U	5.76	12		µg/Kg-dry	1	1/31/2014 1:56:00 PM
2-Propanol	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
4-Chlorotoluene	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
4-Isopropyltoluene	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
4-Methyl-2-pentanone	U	5.76	12		µg/Kg-dry	1	1/31/2014 1:56:00 PM
Acetone	5.8	1.44	12	BJ*	µg/Kg-dry	1	1/31/2014 1:56:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, New York, Zip - 11735
Tel - (631) 454-6100 Fax - (631) 454-8027 www.american-analytical.com

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-2 (0-2)
Lab Order:	1401124	**Collection Date:**	1/30/2014 10:00:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-001A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
Benzene	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
Bromobenzene	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
Bromochloromethane	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
Bromodichloromethane	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
Bromoform	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
Bromomethane	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
Carbon disulfide	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
Carbon tetrachloride	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
Chlorobenzene	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
Chlorodifluoromethane	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
Chloroethane	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
Chloroform	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
Chloromethane	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
cis-1,2-Dichloroethene	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
cis-1,3-Dichloropropene	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
Cyclohexane	U	2.31	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
Dibromochloromethane	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
Dibromomethane	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
Dichlorodifluoromethane	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
Diisopropyl ether	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
Ethanol	U	11.5	23		µg/Kg-dry	1	1/31/2014 1:56:00 PM
Ethylbenzene	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
Freon-114	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
Hexachlorobutadiene	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
Isopropylbenzene	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
m,p-Xylene	U	2.31	12		µg/Kg-dry	1	1/31/2014 1:56:00 PM
Methyl Acetate	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
Methyl tert-butyl ether	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
Methylene chloride	9.2	1.15	5.8	B*	µg/Kg-dry	1	1/31/2014 1:56:00 PM
Naphthalene	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
n-Butylbenzene	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
n-Propylbenzene	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
o-Xylene	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, New York, Zip - 11735
Tel - (631) 454-6100 Fax - (631) 454-8027 www.american-analytical.com

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-2 (0-2)
Lab Order:	1401124	**Collection Date:**	1/30/2014 10:00:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-001A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
p-Diethylbenzene	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
p-Ethyltoluene	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
sec-Butylbenzene	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
Styrene	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
t-Butyl alcohol	U	2.88	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
tert-Butylbenzene	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
Tetrachloroethene	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
Toluene	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
trans-1,2-Dichloroethene	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
trans-1,3-Dichloropropene	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
Trichloroethene	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
Trichlorofluoromethane	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
Vinyl acetate	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
Vinyl chloride	U	1.15	5.8		µg/Kg-dry	1	1/31/2014 1:56:00 PM
Surr: 4-Bromofluorobenzene	98.2	0	56-133		%REC	1	1/31/2014 1:56:00 PM
Surr: Dibromofluoromethane	98.4	0	60-132		%REC	1	1/31/2014 1:56:00 PM
Surr: Toluene-d8	99.3	0	69-125		%REC	1	1/31/2014 1:56:00 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-2 (0-2)
Lab Order:	1401124	**Collection Date:**	1/30/2014 10:00:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-001B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
MERCURY			**SW7471B**		**SW7471B**		Analyst: **JP**
Mercury	0.0181	0.008	0.0115		mg/Kg-dry	1	2/6/2014 10:57:29 AM
PCB'S AS AROCLORS SW-846 METHOD 8082			**SW8082A**		**SW3546**		Analyst: **SB**
Aroclor 1016	U	11.5	23		µg/Kg-dry	1	2/11/2014 1:49:00 PM
Aroclor 1221	U	11.5	23		µg/Kg-dry	1	2/11/2014 1:49:00 PM
Aroclor 1232	U	11.5	23		µg/Kg-dry	1	2/11/2014 1:49:00 PM
Aroclor 1242	U	11.5	23		µg/Kg-dry	1	2/11/2014 1:49:00 PM
Aroclor 1248	U	11.5	23		µg/Kg-dry	1	2/11/2014 1:49:00 PM
Aroclor 1254	U	11.5	23		µg/Kg-dry	1	2/11/2014 1:49:00 PM
Aroclor 1260	U	11.5	23		µg/Kg-dry	1	2/11/2014 1:49:00 PM
Aroclor 1262	U	11.5	23		µg/Kg-dry	1	2/11/2014 1:49:00 PM
Aroclor 1268	U	11.5	23		µg/Kg-dry	1	2/11/2014 1:49:00 PM
Surr: DCB	24.0	0	12-144		%REC	1	2/11/2014 1:49:00 PM
Surr: DCB	5.62	0	12-144	S	%REC	1	2/11/2014 2:47:00 AM
Surr: TCX	17.4	0	13-145		%REC	1	2/11/2014 1:49:00 PM
Surr: TCX	21.4	0	13-145		%REC	1	2/11/2014 2:47:00 AM
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
4,4´-DDD	U	1.15	2.9		µg/Kg-dry	1	2/10/2014 6:15:00 PM
4,4´-DDE	U	1.15	2.9		µg/Kg-dry	1	2/10/2014 6:15:00 PM
4,4´-DDT	U	1.15	2.9		µg/Kg-dry	1	2/10/2014 6:15:00 PM
Aldrin	U	1.15	2.9		µg/Kg-dry	1	2/10/2014 6:15:00 PM
alpha-BHC	U	1.15	2.9		µg/Kg-dry	1	2/10/2014 6:15:00 PM
beta-BHC	U	1.15	2.9		µg/Kg-dry	1	2/10/2014 6:15:00 PM
Chlordane	U	11.5	23		µg/Kg-dry	1	2/10/2014 6:15:00 PM
Chlorobenzilate	U	1.15	2.9		µg/Kg-dry	1	2/10/2014 6:15:00 PM
DBCP	U	1.15	2.9		µg/Kg-dry	1	2/10/2014 6:15:00 PM
delta-BHC	U	1.15	2.9		µg/Kg-dry	1	2/10/2014 6:15:00 PM
Dieldrin	U	1.15	2.9		µg/Kg-dry	1	2/10/2014 6:15:00 PM
Endosulfan I	U	1.15	2.9		µg/Kg-dry	1	2/10/2014 6:15:00 PM
Endosulfan II	U	1.15	2.9		µg/Kg-dry	1	2/10/2014 6:15:00 PM
Endosulfan sulfate	U	1.15	2.9		µg/Kg-dry	1	2/10/2014 6:15:00 PM
Endrin	U	1.15	2.9		µg/Kg-dry	1	2/10/2014 6:15:00 PM
Endrin aldehyde	U	1.15	2.9		µg/Kg-dry	1	2/10/2014 6:15:00 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-2 (0-2)
Lab Order:	1401124	**Collection Date:**	1/30/2014 10:00:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-001B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
Endrin ketone	U	1.15	2.9		µg/Kg-dry	1	2/10/2014 6:15:00 PM
gamma-BHC	U	1.15	2.9		µg/Kg-dry	1	2/10/2014 6:15:00 PM
Heptachlor	U	1.15	2.9		µg/Kg-dry	1	2/10/2014 6:15:00 PM
Heptachlor epoxide	U	1.15	2.9		µg/Kg-dry	1	2/10/2014 6:15:00 PM
Hexachlorobenzene	U	1.15	2.9		µg/Kg-dry	1	2/10/2014 6:15:00 PM
Hexachlorocyclopentadiene	U	1.15	2.9		µg/Kg-dry	1	2/10/2014 6:15:00 PM
Methoxychlor	U	1.15	2.9		µg/Kg-dry	1	2/10/2014 6:15:00 PM
Toxaphene	U	14.3	29		µg/Kg-dry	1	2/10/2014 6:15:00 PM
Surr: DCB	22.2	0	16-148		%REC	1	2/10/2014 6:15:00 PM
Surr: TCX	14.1	0	19-145	S	%REC	1	2/10/2014 6:15:00 PM
PERCENT MOISTURE			**D2216**				Analyst: **CF**
Percent Moisture	13	1	1.0		wt%	1	2/5/2014
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Aluminum	16400	1.15	4.62		mg/Kg-dry	10	2/5/2014 2:09:20 PM
Antimony	U	0.23	0.577		mg/Kg-dry	1	2/5/2014 12:57:48 PM
Arsenic	3.65	0.23	0.577		mg/Kg-dry	1	2/5/2014 12:57:48 PM
Barium	39.2	0.23	0.462		mg/Kg-dry	1	2/5/2014 12:57:48 PM
Beryllium	U	0.12	0.462		mg/Kg-dry	1	2/5/2014 12:57:48 PM
Cadmium	U	0.12	0.462		mg/Kg-dry	1	2/5/2014 12:57:48 PM
Calcium	1200	0.23	0.577		mg/Kg-dry	1	2/5/2014 12:57:48 PM
Chromium	19.9	0.12	0.462		mg/Kg-dry	1	2/5/2014 12:57:48 PM
Cobalt	U	0.12	0.462		mg/Kg-dry	1	2/5/2014 12:57:48 PM
Copper	15.9	0.12	0.462		mg/Kg-dry	1	2/5/2014 12:57:48 PM
Iron	16400	2.31	4.62		mg/Kg-dry	10	2/5/2014 2:09:20 PM
Lead	16.6	0.23	0.462		mg/Kg-dry	1	2/5/2014 12:57:48 PM
Magnesium	1970	0.12	0.462		mg/Kg-dry	1	2/5/2014 12:57:48 PM
Manganese	183	0.12	0.462		mg/Kg-dry	1	2/5/2014 12:57:48 PM
Nickel	11.6	0.12	0.462		mg/Kg-dry	1	2/5/2014 12:57:48 PM
Potassium	859	0.23	0.577		mg/Kg-dry	1	2/5/2014 12:57:48 PM
Selenium	U	0.23	0.577		mg/Kg-dry	1	2/5/2014 12:57:48 PM
Silver	U	0.12	0.462		mg/Kg-dry	1	2/5/2014 12:57:48 PM
Sodium	61.1	0.23	0.577		mg/Kg-dry	1	2/5/2014 12:57:48 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-2 (0-2)
Lab Order:	1401124	**Collection Date:**	1/30/2014 10:00:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-001B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Thallium	1.19	0.35	0.577		mg/Kg-dry	1	2/5/2014 12:57:48 PM
Vanadium	27.0	0.12	0.462		mg/Kg-dry	1	2/5/2014 12:57:48 PM
Zinc	39.0	0.12	0.462		mg/Kg-dry	1	2/5/2014 12:57:48 PM
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
1,2,4-Trichlorobenzene	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
1,2-Dichlorobenzene	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
1,3-Dichlorobenzene	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
1,4-Dichlorobenzene	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
2,3,4,6-Tetrachlorophenol	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
2,4,5-Trichlorophenol	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
2,4,6-Trichlorophenol	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
2,4-Dichlorophenol	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
2,4-Dimethylphenol	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
2,4-Dinitrophenol	U	57.3	570	*	µg/Kg-dry	1	2/4/2014 7:41:00 PM
2,4-Dinitrotoluene	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
2,6-Dinitrotoluene	U	57.3	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
2-Chloronaphthalene	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
2-Chlorophenol	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
2-Methylnaphthalene	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
2-Methylphenol	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
2-Nitroaniline	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
2-Nitrophenol	U	57.3	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
3,3´-Dichlorobenzidine	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
3+4-Methylphenol	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
3-Nitroaniline	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
4,6-Dinitro-2-methylphenol	U	57.3	570		µg/Kg-dry	1	2/4/2014 7:41:00 PM
4-Bromophenyl phenyl ether	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
4-Chloro-3-methylphenol	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
4-Chloroaniline	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
4-Chlorophenyl phenyl ether	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
4-Nitroaniline	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
4-Nitrophenol	U	57.3	570		µg/Kg-dry	1	2/4/2014 7:41:00 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-2 (0-2)
Lab Order:	1401124	**Collection Date:**	1/30/2014 10:00:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-001B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Acenaphthene	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
Acenaphthylene	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
Acetophenone	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
Aniline	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
Anthracene	U	28.6	290	m	µg/Kg-dry	1	2/4/2014 7:41:00 PM
Atrazine	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
Azobenzene	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
Benzaldehyde	U	57.3	570		µg/Kg-dry	1	2/4/2014 7:41:00 PM
Benzidine	U	57.3	570		µg/Kg-dry	1	2/4/2014 7:41:00 PM
Benzo(a)anthracene	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
Benzo(a)pyrene	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
Benzo(b)fluoranthene	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
Benzo(g,h,i)perylene	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
Benzo(k)fluoranthene	U	28.6	290	m	µg/Kg-dry	1	2/4/2014 7:41:00 PM
Benzoic acid	U	57.3	570	*	µg/Kg-dry	1	2/4/2014 7:41:00 PM
Benzyl alcohol	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
Biphenyl	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
Bis(2-chloroethoxy)methane	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
Bis(2-chloroethyl)ether	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
Bis(2-chloroisopropyl)ether	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
Bis(2-ethylhexyl)phthalate	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
Butyl benzyl phthalate	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
Caprolactam	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
Carbazole	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
Chrysene	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
Dibenzo(a,h)anthracene	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
Dibenzofuran	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
Diethyl phthalate	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
Dimethyl phthalate	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
Di-n-butyl phthalate	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
Di-n-octyl phthalate	U	57.3	570		µg/Kg-dry	1	2/4/2014 7:41:00 PM
Fluoranthene	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
Fluorene	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-2 (0-2)
Lab Order:	1401124	**Collection Date:**	1/30/2014 10:00:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-001B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Hexachlorobenzene	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
Hexachlorobutadiene	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
Hexachlorocyclopentadiene	U	57.3	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
Hexachloroethane	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
Indeno(1,2,3-c,d)pyrene	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
Isophorone	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
Naphthalene	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
Nitrobenzene	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
N-Nitrosodimethylamine	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
N-Nitrosodi-n-propylamine	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
N-Nitrosodiphenylamine	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
Parathion	U	57.3	570		µg/Kg-dry	1	2/4/2014 7:41:00 PM
Pentachlorophenol	U	57.3	570	*	µg/Kg-dry	1	2/4/2014 7:41:00 PM
Phenanthrene	U	28.6	290	m	µg/Kg-dry	1	2/4/2014 7:41:00 PM
Phenol	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
Pyrene	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
Pyridine	U	28.6	290		µg/Kg-dry	1	2/4/2014 7:41:00 PM
Surr: 2,4,6-Tribromophenol	55.1	0	11-135		%REC	1	2/4/2014 7:41:00 PM
Surr: 2-Fluorobiphenyl	74.3	0	21-143		%REC	1	2/4/2014 7:41:00 PM
Surr: 2-Fluorophenol	79.8	0	14-122		%REC	1	2/4/2014 7:41:00 PM
Surr: 4-Terphenyl-d14	55.7	0	15-137		%REC	1	2/4/2014 7:41:00 PM
Surr: Nitrobenzene-d5	37.8	0	17-136		%REC	1	2/4/2014 7:41:00 PM
Surr: Phenol-d6	68.4	0	10-116		%REC	1	2/4/2014 7:41:00 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-2 (4-6)
Lab Order:	1401124	**Collection Date:**	1/30/2014 10:03:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-002A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
1,1,1,2-Tetrachloroethane	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
1,1,1-Trichloroethane	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
1,1,2,2-Tetrachloroethane	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
1,1,2-Trichloroethane	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
1,1-Dichloroethane	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
1,1-Dichloroethene	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
1,1-Dichloropropene	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
1,2,3-Trichlorobenzene	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
1,2,3-Trichloropropane	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
1,2,4,5-Tetramethylbenzene	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
1,2,4-Trichlorobenzene	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
1,2,4-Trimethylbenzene	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
1,2-Dibromo-3-chloropropane	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
1,2-Dibromoethane	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
1,2-Dichlorobenzene	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
1,2-Dichloroethane	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
1,2-Dichloropropane	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
1,3,5-Trimethylbenzene	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
1,3-Dichlorobenzene	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
1,3-dichloropropane	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
1,4-Dichlorobenzene	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
1,4-Dioxane	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
2,2-Dichloropropane	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
2-Butanone	U	5.27	11		µg/Kg-dry	1	1/31/2014 2:24:00 PM
2-Chloroethyl vinyl ether	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
2-Chlorotoluene	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
2-Hexanone	U	5.27	11		µg/Kg-dry	1	1/31/2014 2:24:00 PM
2-Propanol	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
4-Chlorotoluene	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
4-Isopropyltoluene	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
4-Methyl-2-pentanone	U	5.27	11		µg/Kg-dry	1	1/31/2014 2:24:00 PM
Acetone	5.3	1.32	11	BJ*	µg/Kg-dry	1	1/31/2014 2:24:00 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-2 (4-6)
Lab Order:	1401124	**Collection Date:**	1/30/2014 10:03:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-002A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
Benzene	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
Bromobenzene	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
Bromochloromethane	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
Bromodichloromethane	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
Bromoform	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
Bromomethane	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
Carbon disulfide	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
Carbon tetrachloride	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
Chlorobenzene	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
Chlorodifluoromethane	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
Chloroethane	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
Chloroform	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
Chloromethane	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
cis-1,2-Dichloroethene	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
cis-1,3-Dichloropropene	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
Cyclohexane	U	2.11	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
Dibromochloromethane	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
Dibromomethane	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
Dichlorodifluoromethane	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
Diisopropyl ether	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
Ethanol	U	10.5	21		µg/Kg-dry	1	1/31/2014 2:24:00 PM
Ethylbenzene	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
Freon-114	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
Hexachlorobutadiene	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
Isopropylbenzene	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
m,p-Xylene	U	2.11	11		µg/Kg-dry	1	1/31/2014 2:24:00 PM
Methyl Acetate	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
Methyl tert-butyl ether	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
Methylene chloride	8.7	1.05	5.3	B*	µg/Kg-dry	1	1/31/2014 2:24:00 PM
Naphthalene	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
n-Butylbenzene	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
n-Propylbenzene	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
o-Xylene	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-2 (4-6)
Lab Order:	1401124	**Collection Date:**	1/30/2014 10:03:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-002A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
p-Diethylbenzene	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
p-Ethyltoluene	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
sec-Butylbenzene	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
Styrene	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
t-Butyl alcohol	U	2.63	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
tert-Butylbenzene	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
Tetrachloroethene	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
Toluene	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
trans-1,2-Dichloroethene	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
trans-1,3-Dichloropropene	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
Trichloroethene	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
Trichlorofluoromethane	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
Vinyl acetate	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
Vinyl chloride	U	1.05	5.3		µg/Kg-dry	1	1/31/2014 2:24:00 PM
Surr: 4-Bromofluorobenzene	98.0	0	56-133		%REC	1	1/31/2014 2:24:00 PM
Surr: Dibromofluoromethane	99.6	0	60-132		%REC	1	1/31/2014 2:24:00 PM
Surr: Toluene-d8	99.8	0	69-125		%REC	1	1/31/2014 2:24:00 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-2 (4-6)
Lab Order:	1401124	**Collection Date:**	1/30/2014 10:03:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-002B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
MERCURY			**SW7471B**		**SW7471B**		Analyst: **JP**
Mercury	U	0.008	0.0122		mg/Kg-dry	1	2/6/2014 10:59:37 AM
PCB'S AS AROCLORS SW-846 METHOD 8082			**SW8082A**		**SW3546**		Analyst: **SB**
Aroclor 1016	U	10.4	21		µg/Kg-dry	1	2/11/2014 3:11:00 AM
Aroclor 1221	U	10.4	21		µg/Kg-dry	1	2/11/2014 3:11:00 AM
Aroclor 1232	U	10.4	21		µg/Kg-dry	1	2/11/2014 3:11:00 AM
Aroclor 1242	U	10.4	21		µg/Kg-dry	1	2/11/2014 3:11:00 AM
Aroclor 1248	U	10.4	21		µg/Kg-dry	1	2/11/2014 3:11:00 AM
Aroclor 1254	U	10.4	21		µg/Kg-dry	1	2/11/2014 3:11:00 AM
Aroclor 1260	U	10.4	21		µg/Kg-dry	1	2/11/2014 3:11:00 AM
Aroclor 1262	U	10.4	21		µg/Kg-dry	1	2/11/2014 3:11:00 AM
Aroclor 1268	U	10.4	21		µg/Kg-dry	1	2/11/2014 3:11:00 AM
Surr: DCB	37.2	0	12-144		%REC	1	2/11/2014 3:11:00 AM
Surr: TCX	66.4	0	13-145		%REC	1	2/11/2014 3:11:00 AM
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
4,4´-DDD	U	1.01	2.5		µg/Kg-dry	1	2/10/2014 6:29:00 PM
4,4´-DDE	U	1.01	2.5		µg/Kg-dry	1	2/10/2014 6:29:00 PM
4,4´-DDT	U	1.01	2.5		µg/Kg-dry	1	2/10/2014 6:29:00 PM
Aldrin	U	1.01	2.5		µg/Kg-dry	1	2/10/2014 6:29:00 PM
alpha-BHC	U	1.01	2.5		µg/Kg-dry	1	2/10/2014 6:29:00 PM
beta-BHC	U	1.01	2.5		µg/Kg-dry	1	2/10/2014 6:29:00 PM
Chlordane	U	10.1	20		µg/Kg-dry	1	2/10/2014 6:29:00 PM
Chlorobenzilate	U	1.01	2.5		µg/Kg-dry	1	2/10/2014 6:29:00 PM
DBCP	U	1.01	2.5		µg/Kg-dry	1	2/10/2014 6:29:00 PM
delta-BHC	U	1.01	2.5		µg/Kg-dry	1	2/10/2014 6:29:00 PM
Dieldrin	U	1.01	2.5		µg/Kg-dry	1	2/10/2014 6:29:00 PM
Endosulfan I	U	1.01	2.5		µg/Kg-dry	1	2/10/2014 6:29:00 PM
Endosulfan II	U	1.01	2.5		µg/Kg-dry	1	2/10/2014 6:29:00 PM
Endosulfan sulfate	U	1.01	2.5		µg/Kg-dry	1	2/10/2014 6:29:00 PM
Endrin	U	1.01	2.5		µg/Kg-dry	1	2/10/2014 6:29:00 PM
Endrin aldehyde	U	1.01	2.5		µg/Kg-dry	1	2/10/2014 6:29:00 PM
Endrin ketone	U	1.01	2.5		µg/Kg-dry	1	2/10/2014 6:29:00 PM
gamma-BHC	U	1.01	2.5		µg/Kg-dry	1	2/10/2014 6:29:00 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-2 (4-6)
Lab Order:	1401124	**Collection Date:**	1/30/2014 10:03:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-002B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
Heptachlor	U	1.01	2.5		µg/Kg-dry	1	2/10/2014 6:29:00 PM
Heptachlor epoxide	U	1.01	2.5		µg/Kg-dry	1	2/10/2014 6:29:00 PM
Hexachlorobenzene	U	1.01	2.5		µg/Kg-dry	1	2/10/2014 6:29:00 PM
Hexachlorocyclopentadiene	U	1.01	2.5		µg/Kg-dry	1	2/10/2014 6:29:00 PM
Methoxychlor	U	1.01	2.5		µg/Kg-dry	1	2/10/2014 6:29:00 PM
Toxaphene	U	12.6	25		µg/Kg-dry	1	2/10/2014 6:29:00 PM
Surr: DCB	62.2	0	16-148		%REC	1	2/10/2014 6:29:00 PM
Surr: TCX	42.2	0	19-145		%REC	1	2/10/2014 6:29:00 PM
PERCENT MOISTURE			**D2216**				Analyst: **CF**
Percent Moisture	4.7	1	1.0		wt%	1	2/5/2014
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Aluminum	3030	0.10	0.415		mg/Kg-dry	1	2/5/2014 12:59:50 PM
Antimony	U	0.21	0.518		mg/Kg-dry	1	2/5/2014 12:59:50 PM
Arsenic	1.13	0.21	0.518		mg/Kg-dry	1	2/5/2014 12:59:50 PM
Barium	16.2	0.21	0.415		mg/Kg-dry	1	2/5/2014 12:59:50 PM
Beryllium	U	0.10	0.415		mg/Kg-dry	1	2/5/2014 12:59:50 PM
Cadmium	U	0.10	0.415		mg/Kg-dry	1	2/5/2014 12:59:50 PM
Calcium	389	0.21	0.518		mg/Kg-dry	1	2/5/2014 12:59:50 PM
Chromium	10.4	0.10	0.415		mg/Kg-dry	1	2/5/2014 12:59:50 PM
Cobalt	U	0.10	0.415		mg/Kg-dry	1	2/5/2014 12:59:50 PM
Copper	9.88	0.10	0.415		mg/Kg-dry	1	2/5/2014 12:59:50 PM
Iron	11000	2.07	4.15		mg/Kg-dry	10	2/5/2014 2:11:22 PM
Lead	2.87	0.21	0.415		mg/Kg-dry	1	2/5/2014 12:59:50 PM
Magnesium	961	0.10	0.415		mg/Kg-dry	1	2/5/2014 12:59:50 PM
Manganese	262	0.10	0.415		mg/Kg-dry	1	2/5/2014 12:59:50 PM
Nickel	7.56	0.10	0.415		mg/Kg-dry	1	2/5/2014 12:59:50 PM
Potassium	354	0.21	0.518		mg/Kg-dry	1	2/5/2014 12:59:50 PM
Selenium	U	0.21	0.518		mg/Kg-dry	1	2/5/2014 12:59:50 PM
Silver	U	0.10	0.415		mg/Kg-dry	1	2/5/2014 12:59:50 PM
Sodium	34.3	0.21	0.518		mg/Kg-dry	1	2/5/2014 12:59:50 PM
Thallium	0.431	0.31	0.518	J	mg/Kg-dry	1	2/5/2014 12:59:50 PM
Vanadium	14.9	0.10	0.415		mg/Kg-dry	1	2/5/2014 12:59:50 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-2 (4-6)
Lab Order:	1401124	**Collection Date:**	1/30/2014 10:03:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-002B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Zinc	15.0	0.10	0.415		mg/Kg-dry	1	2/5/2014 12:59:50 PM
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
1,2,4-Trichlorobenzene	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
1,2-Dichlorobenzene	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
1,3-Dichlorobenzene	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
1,4-Dichlorobenzene	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
2,3,4,6-Tetrachlorophenol	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
2,4,5-Trichlorophenol	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
2,4,6-Trichlorophenol	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
2,4-Dichlorophenol	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
2,4-Dimethylphenol	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
2,4-Dinitrophenol	U	52.2	520	*	µg/Kg-dry	1	2/4/2014 8:04:00 PM
2,4-Dinitrotoluene	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
2,6-Dinitrotoluene	U	52.2	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
2-Chloronaphthalene	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
2-Chlorophenol	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
2-Methylnaphthalene	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
2-Methylphenol	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
2-Nitroaniline	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
2-Nitrophenol	U	52.2	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
3,3´-Dichlorobenzidine	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
3+4-Methylphenol	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
3-Nitroaniline	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
4,6-Dinitro-2-methylphenol	U	52.2	520		µg/Kg-dry	1	2/4/2014 8:04:00 PM
4-Bromophenyl phenyl ether	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
4-Chloro-3-methylphenol	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
4-Chloroaniline	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
4-Chlorophenyl phenyl ether	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
4-Nitroaniline	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
4-Nitrophenol	U	52.2	520		µg/Kg-dry	1	2/4/2014 8:04:00 PM
Acenaphthene	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
Acenaphthylene	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-2 (4-6)
Lab Order:	1401124	**Collection Date:**	1/30/2014 10:03:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-002B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Acetophenone	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
Aniline	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
Anthracene	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
Atrazine	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
Azobenzene	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
Benzaldehyde	U	52.2	520		µg/Kg-dry	1	2/4/2014 8:04:00 PM
Benzidine	U	52.2	520		µg/Kg-dry	1	2/4/2014 8:04:00 PM
Benzo(a)anthracene	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
Benzo(a)pyrene	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
Benzo(b)fluoranthene	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
Benzo(g,h,i)perylene	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
Benzo(k)fluoranthene	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
Benzoic acid	U	52.2	520	*	µg/Kg-dry	1	2/4/2014 8:04:00 PM
Benzyl alcohol	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
Biphenyl	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
Bis(2-chloroethoxy)methane	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
Bis(2-chloroethyl)ether	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
Bis(2-chloroisopropyl)ether	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
Bis(2-ethylhexyl)phthalate	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
Butyl benzyl phthalate	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
Caprolactam	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
Carbazole	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
Chrysene	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
Dibenzo(a,h)anthracene	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
Dibenzofuran	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
Diethyl phthalate	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
Dimethyl phthalate	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
Di-n-butyl phthalate	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
Di-n-octyl phthalate	U	52.2	520		µg/Kg-dry	1	2/4/2014 8:04:00 PM
Fluoranthene	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
Fluorene	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
Hexachlorobenzene	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
Hexachlorobutadiene	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-2 (4-6)
Lab Order:	1401124	**Collection Date:**	1/30/2014 10:03:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-002B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Hexachlorocyclopentadiene	U	52.2	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
Hexachloroethane	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
Indeno(1,2,3-c,d)pyrene	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
Isophorone	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
Naphthalene	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
Nitrobenzene	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
N-Nitrosodimethylamine	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
N-Nitrosodi-n-propylamine	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
N-Nitrosodiphenylamine	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
Parathion	U	52.2	520		µg/Kg-dry	1	2/4/2014 8:04:00 PM
Pentachlorophenol	U	52.2	520	*	µg/Kg-dry	1	2/4/2014 8:04:00 PM
Phenanthrene	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
Phenol	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
Pyrene	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
Pyridine	U	26.1	260		µg/Kg-dry	1	2/4/2014 8:04:00 PM
Surr: 2,4,6-Tribromophenol	90.3	0	11-135		%REC	1	2/4/2014 8:04:00 PM
Surr: 2-Fluorobiphenyl	81.1	0	21-143		%REC	1	2/4/2014 8:04:00 PM
Surr: 2-Fluorophenol	104	0	14-122		%REC	1	2/4/2014 8:04:00 PM
Surr: 4-Terphenyl-d14	84.6	0	15-137		%REC	1	2/4/2014 8:04:00 PM
Surr: Nitrobenzene-d5	74.9	0	17-136		%REC	1	2/4/2014 8:04:00 PM
Surr: Phenol-d6	103	0	10-116		%REC	1	2/4/2014 8:04:00 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-3 (0-2)
Lab Order:	1401124	**Collection Date:**	1/30/2014 10:38:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-003A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
1,1,1,2-Tetrachloroethane	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
1,1,1-Trichloroethane	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
1,1,2,2-Tetrachloroethane	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
1,1,2-Trichloroethane	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
1,1-Dichloroethane	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
1,1-Dichloroethene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
1,1-Dichloropropene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
1,2,3-Trichlorobenzene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
1,2,3-Trichloropropane	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
1,2,4,5-Tetramethylbenzene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
1,2,4-Trichlorobenzene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
1,2,4-Trimethylbenzene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
1,2-Dibromo-3-chloropropane	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
1,2-Dibromoethane	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
1,2-Dichlorobenzene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
1,2-Dichloroethane	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
1,2-Dichloropropane	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
1,3,5-Trimethylbenzene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
1,3-Dichlorobenzene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
1,3-dichloropropane	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
1,4-Dichlorobenzene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
1,4-Dioxane	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
2,2-Dichloropropane	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
2-Butanone	U	5.74	11		µg/Kg-dry	1	1/31/2014 2:51:00 PM
2-Chloroethyl vinyl ether	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
2-Chlorotoluene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
2-Hexanone	U	5.74	11		µg/Kg-dry	1	1/31/2014 2:51:00 PM
2-Propanol	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
4-Chlorotoluene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
4-Isopropyltoluene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
4-Methyl-2-pentanone	U	5.74	11		µg/Kg-dry	1	1/31/2014 2:51:00 PM
Acetone	6.1	1.44	11	BJ*	µg/Kg-dry	1	1/31/2014 2:51:00 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-3 (0-2)
Lab Order:	1401124	**Collection Date:**	1/30/2014 10:38:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-003A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
Benzene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
Bromobenzene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
Bromochloromethane	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
Bromodichloromethane	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
Bromoform	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
Bromomethane	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
Carbon disulfide	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
Carbon tetrachloride	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
Chlorobenzene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
Chlorodifluoromethane	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
Chloroethane	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
Chloroform	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
Chloromethane	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
cis-1,2-Dichloroethene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
cis-1,3-Dichloropropene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
Cyclohexane	U	2.3	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
Dibromochloromethane	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
Dibromomethane	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
Dichlorodifluoromethane	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
Diisopropyl ether	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
Ethanol	U	11.5	23		µg/Kg-dry	1	1/31/2014 2:51:00 PM
Ethylbenzene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
Freon-114	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
Hexachlorobutadiene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
Isopropylbenzene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
m,p-Xylene	U	2.3	11		µg/Kg-dry	1	1/31/2014 2:51:00 PM
Methyl Acetate	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
Methyl tert-butyl ether	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
Methylene chloride	9.1	1.15	5.7	B*	µg/Kg-dry	1	1/31/2014 2:51:00 PM
Naphthalene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
n-Butylbenzene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
n-Propylbenzene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
o-Xylene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-3 (0-2)
Lab Order:	1401124	**Collection Date:**	1/30/2014 10:38:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-003A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
p-Diethylbenzene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
p-Ethyltoluene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
sec-Butylbenzene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
Styrene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
t-Butyl alcohol	U	2.87	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
tert-Butylbenzene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
Tetrachloroethene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
Toluene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
trans-1,2-Dichloroethene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
trans-1,3-Dichloropropene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
Trichloroethene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
Trichlorofluoromethane	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
Vinyl acetate	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
Vinyl chloride	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 2:51:00 PM
Surr: 4-Bromofluorobenzene	98.5	0	56-133		%REC	1	1/31/2014 2:51:00 PM
Surr: Dibromofluoromethane	98.9	0	60-132		%REC	1	1/31/2014 2:51:00 PM
Surr: Toluene-d8	101	0	69-125		%REC	1	1/31/2014 2:51:00 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-3 (0-2)
Lab Order:	1401124	**Collection Date:**	1/30/2014 10:38:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-003B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
MERCURY			**SW7471B**		**SW7471B**		Analyst: **JP**
Mercury	0.0186	0.007	0.0112		mg/Kg-dry	1	2/6/2014 11:06:01 AM
PCB'S AS AROCLORS SW-846 METHOD 8082			**SW8082A**		**SW3546**		Analyst: **SB**
Aroclor 1016	U	11.4	23		µg/Kg-dry	1	2/11/2014 3:36:00 AM
Aroclor 1221	U	11.4	23		µg/Kg-dry	1	2/11/2014 3:36:00 AM
Aroclor 1232	U	11.4	23		µg/Kg-dry	1	2/11/2014 3:36:00 AM
Aroclor 1242	U	11.4	23		µg/Kg-dry	1	2/11/2014 3:36:00 AM
Aroclor 1248	U	11.4	23		µg/Kg-dry	1	2/11/2014 3:36:00 AM
Aroclor 1254	U	11.4	23		µg/Kg-dry	1	2/11/2014 3:36:00 AM
Aroclor 1260	U	11.4	23		µg/Kg-dry	1	2/11/2014 3:36:00 AM
Aroclor 1262	U	11.4	23		µg/Kg-dry	1	2/11/2014 3:36:00 AM
Aroclor 1268	U	11.4	23		µg/Kg-dry	1	2/11/2014 3:36:00 AM
Surr: DCB	12.8	0	12-144		%REC	1	2/11/2014 3:36:00 AM
Surr: TCX	57.0	0	13-145		%REC	1	2/11/2014 3:36:00 AM
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
4,4´-DDD	U	1.14	2.9		µg/Kg-dry	1	2/10/2014 6:44:00 PM
4,4´-DDE	U	1.14	2.9		µg/Kg-dry	1	2/10/2014 6:44:00 PM
4,4´-DDT	U	1.14	2.9		µg/Kg-dry	1	2/10/2014 6:44:00 PM
Aldrin	U	1.14	2.9		µg/Kg-dry	1	2/10/2014 6:44:00 PM
alpha-BHC	U	1.14	2.9		µg/Kg-dry	1	2/10/2014 6:44:00 PM
beta-BHC	U	1.14	2.9		µg/Kg-dry	1	2/10/2014 6:44:00 PM
Chlordane	U	11.4	23		µg/Kg-dry	1	2/10/2014 6:44:00 PM
Chlorobenzilate	U	1.14	2.9		µg/Kg-dry	1	2/10/2014 6:44:00 PM
DBCP	U	1.14	2.9		µg/Kg-dry	1	2/10/2014 6:44:00 PM
delta-BHC	U	1.14	2.9		µg/Kg-dry	1	2/10/2014 6:44:00 PM
Dieldrin	U	1.14	2.9		µg/Kg-dry	1	2/10/2014 6:44:00 PM
Endosulfan I	U	1.14	2.9		µg/Kg-dry	1	2/10/2014 6:44:00 PM
Endosulfan II	U	1.14	2.9		µg/Kg-dry	1	2/10/2014 6:44:00 PM
Endosulfan sulfate	U	1.14	2.9		µg/Kg-dry	1	2/10/2014 6:44:00 PM
Endrin	U	1.14	2.9		µg/Kg-dry	1	2/10/2014 6:44:00 PM
Endrin aldehyde	U	1.14	2.9		µg/Kg-dry	1	2/10/2014 6:44:00 PM
Endrin ketone	U	1.14	2.9		µg/Kg-dry	1	2/10/2014 6:44:00 PM
gamma-BHC	U	1.14	2.9		µg/Kg-dry	1	2/10/2014 6:44:00 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-3 (0-2)
Lab Order:	1401124	**Collection Date:**	1/30/2014 10:38:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-003B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
Heptachlor	U	1.14	2.9		µg/Kg-dry	1	2/10/2014 6:44:00 PM
Heptachlor epoxide	U	1.14	2.9		µg/Kg-dry	1	2/10/2014 6:44:00 PM
Hexachlorobenzene	U	1.14	2.9		µg/Kg-dry	1	2/10/2014 6:44:00 PM
Hexachlorocyclopentadiene	U	1.14	2.9		µg/Kg-dry	1	2/10/2014 6:44:00 PM
Methoxychlor	U	1.14	2.9		µg/Kg-dry	1	2/10/2014 6:44:00 PM
Toxaphene	U	14.3	29		µg/Kg-dry	1	2/10/2014 6:44:00 PM
Surr: DCB	41.5	0	16-148		%REC	1	2/10/2014 6:44:00 PM
Surr: TCX	42.9	0	19-145		%REC	1	2/10/2014 6:44:00 PM
PERCENT MOISTURE			**D2216**				Analyst: **CF**
Percent Moisture	13	1	1.0		wt%	1	2/5/2014
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Aluminum	13900	1.10	4.41		mg/Kg-dry	10	2/5/2014 2:13:23 PM
Antimony	U	0.22	0.551		mg/Kg-dry	1	2/5/2014 1:01:51 PM
Arsenic	4.39	0.22	0.551		mg/Kg-dry	1	2/5/2014 1:01:51 PM
Barium	47.1	0.22	0.441		mg/Kg-dry	1	2/5/2014 1:01:51 PM
Beryllium	U	0.11	0.441		mg/Kg-dry	1	2/5/2014 1:01:51 PM
Cadmium	U	0.11	0.441		mg/Kg-dry	1	2/5/2014 1:01:51 PM
Calcium	5580	0.22	0.551		mg/Kg-dry	1	2/5/2014 1:01:51 PM
Chromium	17.7	0.11	0.441		mg/Kg-dry	1	2/5/2014 1:01:51 PM
Cobalt	U	0.11	0.441		mg/Kg-dry	1	2/5/2014 1:01:51 PM
Copper	20.0	0.11	0.441		mg/Kg-dry	1	2/5/2014 1:01:51 PM
Iron	15500	2.20	4.41		mg/Kg-dry	10	2/5/2014 2:13:23 PM
Lead	63.7	0.22	0.441		mg/Kg-dry	1	2/5/2014 1:01:51 PM
Magnesium	4090	0.11	0.441		mg/Kg-dry	1	2/5/2014 1:01:51 PM
Manganese	216	0.11	0.441		mg/Kg-dry	1	2/5/2014 1:01:51 PM
Nickel	11.2	0.11	0.441		mg/Kg-dry	1	2/5/2014 1:01:51 PM
Potassium	878	0.22	0.551		mg/Kg-dry	1	2/5/2014 1:01:51 PM
Selenium	0.269	0.22	0.551	J	mg/Kg-dry	1	2/5/2014 1:01:51 PM
Silver	U	0.11	0.441		mg/Kg-dry	1	2/5/2014 1:01:51 PM
Sodium	73.5	0.22	0.551		mg/Kg-dry	1	2/5/2014 1:01:51 PM
Thallium	1.02	0.33	0.551		mg/Kg-dry	1	2/5/2014 1:01:51 PM
Vanadium	25.8	0.11	0.441		mg/Kg-dry	1	2/5/2014 1:01:51 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, New York, Zip - 11735
Tel - (631) 454-6100 Fax - (631) 454-8027 www.american-analytical.com

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-3 (0-2)
Lab Order:	1401124	**Collection Date:**	1/30/2014 10:38:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-003B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Zinc	54.2	0.11	0.441		mg/Kg-dry	1	2/5/2014 1:01:51 PM
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
1,2,4-Trichlorobenzene	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
1,2-Dichlorobenzene	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
1,3-Dichlorobenzene	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
1,4-Dichlorobenzene	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
2,3,4,6-Tetrachlorophenol	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
2,4,5-Trichlorophenol	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
2,4,6-Trichlorophenol	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
2,4-Dichlorophenol	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
2,4-Dimethylphenol	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
2,4-Dinitrophenol	U	57.1	570	*	µg/Kg-dry	1	2/4/2014 8:27:00 PM
2,4-Dinitrotoluene	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
2,6-Dinitrotoluene	U	57.1	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
2-Chloronaphthalene	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
2-Chlorophenol	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
2-Methylnaphthalene	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
2-Methylphenol	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
2-Nitroaniline	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
2-Nitrophenol	U	57.1	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
3,3´-Dichlorobenzidine	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
3+4-Methylphenol	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
3-Nitroaniline	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
4,6-Dinitro-2-methylphenol	U	57.1	570		µg/Kg-dry	1	2/4/2014 8:27:00 PM
4-Bromophenyl phenyl ether	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
4-Chloro-3-methylphenol	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
4-Chloroaniline	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
4-Chlorophenyl phenyl ether	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
4-Nitroaniline	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
4-Nitrophenol	U	57.1	570		µg/Kg-dry	1	2/4/2014 8:27:00 PM
Acenaphthene	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
Acenaphthylene	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-3 (0-2)
Lab Order:	1401124	**Collection Date:**	1/30/2014 10:38:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-003B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Acetophenone	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
Aniline	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
Anthracene	U	28.6	290	m	µg/Kg-dry	1	2/4/2014 8:27:00 PM
Atrazine	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
Azobenzene	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
Benzaldehyde	U	57.1	570		µg/Kg-dry	1	2/4/2014 8:27:00 PM
Benzidine	U	57.1	570		µg/Kg-dry	1	2/4/2014 8:27:00 PM
Benzo(a)anthracene	33	28.6	290	J	µg/Kg-dry	1	2/4/2014 8:27:00 PM
Benzo(a)pyrene	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
Benzo(b)fluoranthene	36	28.6	290	J	µg/Kg-dry	1	2/4/2014 8:27:00 PM
Benzo(g,h,i)perylene	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
Benzo(k)fluoranthene	U	28.6	290	m	µg/Kg-dry	1	2/4/2014 8:27:00 PM
Benzoic acid	U	57.1	570	*	µg/Kg-dry	1	2/4/2014 8:27:00 PM
Benzyl alcohol	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
Biphenyl	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
Bis(2-chloroethoxy)methane	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
Bis(2-chloroethyl)ether	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
Bis(2-chloroisopropyl)ether	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
Bis(2-ethylhexyl)phthalate	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
Butyl benzyl phthalate	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
Caprolactam	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
Carbazole	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
Chrysene	44	28.6	290	Jm	µg/Kg-dry	1	2/4/2014 8:27:00 PM
Dibenzo(a,h)anthracene	U	28.6	290	m	µg/Kg-dry	1	2/4/2014 8:27:00 PM
Dibenzofuran	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
Diethyl phthalate	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
Dimethyl phthalate	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
Di-n-butyl phthalate	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
Di-n-octyl phthalate	U	57.1	570		µg/Kg-dry	1	2/4/2014 8:27:00 PM
Fluoranthene	59	28.6	290	J	µg/Kg-dry	1	2/4/2014 8:27:00 PM
Fluorene	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
Hexachlorobenzene	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
Hexachlorobutadiene	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-3 (0-2)
Lab Order:	1401124	**Collection Date:**	1/30/2014 10:38:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-003B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Hexachlorocyclopentadiene	U	57.1	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
Hexachloroethane	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
Indeno(1,2,3-c,d)pyrene	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
Isophorone	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
Naphthalene	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
Nitrobenzene	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
N-Nitrosodimethylamine	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
N-Nitrosodi-n-propylamine	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
N-Nitrosodiphenylamine	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
Parathion	U	57.1	570		µg/Kg-dry	1	2/4/2014 8:27:00 PM
Pentachlorophenol	U	57.1	570	*	µg/Kg-dry	1	2/4/2014 8:27:00 PM
Phenanthrene	35	28.6	290	J	µg/Kg-dry	1	2/4/2014 8:27:00 PM
Phenol	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
Pyrene	48	28.6	290	J	µg/Kg-dry	1	2/4/2014 8:27:00 PM
Pyridine	U	28.6	290		µg/Kg-dry	1	2/4/2014 8:27:00 PM
Surr: 2,4,6-Tribromophenol	68.2	0	11-135		%REC	1	2/4/2014 8:27:00 PM
Surr: 2-Fluorobiphenyl	74.9	0	21-143		%REC	1	2/4/2014 8:27:00 PM
Surr: 2-Fluorophenol	84.1	0	14-122		%REC	1	2/4/2014 8:27:00 PM
Surr: 4-Terphenyl-d14	61.3	0	15-137		%REC	1	2/4/2014 8:27:00 PM
Surr: Nitrobenzene-d5	63.8	0	17-136		%REC	1	2/4/2014 8:27:00 PM
Surr: Phenol-d6	79.2	0	10-116		%REC	1	2/4/2014 8:27:00 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-3 (4-6)
Lab Order:	1401124	**Collection Date:**	1/30/2014 10:43:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-004A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
1,1,1,2-Tetrachloroethane	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
1,1,1-Trichloroethane	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
1,1,2,2-Tetrachloroethane	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
1,1,2-Trichloroethane	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
1,1-Dichloroethane	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
1,1-Dichloroethene	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
1,1-Dichloropropene	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
1,2,3-Trichlorobenzene	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
1,2,3-Trichloropropane	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
1,2,4,5-Tetramethylbenzene	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
1,2,4-Trichlorobenzene	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
1,2,4-Trimethylbenzene	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
1,2-Dibromo-3-chloropropane	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
1,2-Dibromoethane	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
1,2-Dichlorobenzene	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
1,2-Dichloroethane	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
1,2-Dichloropropane	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
1,3,5-Trimethylbenzene	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
1,3-Dichlorobenzene	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
1,3-dichloropropane	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
1,4-Dichlorobenzene	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
1,4-Dioxane	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
2,2-Dichloropropane	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
2-Butanone	U	5.20	10		µg/Kg-dry	1	1/31/2014 3:19:00 PM
2-Chloroethyl vinyl ether	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
2-Chlorotoluene	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
2-Hexanone	U	5.20	10		µg/Kg-dry	1	1/31/2014 3:19:00 PM
2-Propanol	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
4-Chlorotoluene	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
4-Isopropyltoluene	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
4-Methyl-2-pentanone	U	5.20	10		µg/Kg-dry	1	1/31/2014 3:19:00 PM
Acetone	6.1	1.30	10	BJ*	µg/Kg-dry	1	1/31/2014 3:19:00 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-3 (4-6)
Lab Order:	1401124	**Collection Date:**	1/30/2014 10:43:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-004A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
Benzene	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
Bromobenzene	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
Bromochloromethane	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
Bromodichloromethane	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
Bromoform	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
Bromomethane	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
Carbon disulfide	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
Carbon tetrachloride	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
Chlorobenzene	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
Chlorodifluoromethane	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
Chloroethane	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
Chloroform	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
Chloromethane	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
cis-1,2-Dichloroethene	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
cis-1,3-Dichloropropene	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
Cyclohexane	U	2.08	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
Dibromochloromethane	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
Dibromomethane	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
Dichlorodifluoromethane	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
Diisopropyl ether	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
Ethanol	U	10.4	21		µg/Kg-dry	1	1/31/2014 3:19:00 PM
Ethylbenzene	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
Freon-114	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
Hexachlorobutadiene	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
Isopropylbenzene	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
m,p-Xylene	U	2.08	10		µg/Kg-dry	1	1/31/2014 3:19:00 PM
Methyl Acetate	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
Methyl tert-butyl ether	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
Methylene chloride	8.9	1.04	5.2	B*	µg/Kg-dry	1	1/31/2014 3:19:00 PM
Naphthalene	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
n-Butylbenzene	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
n-Propylbenzene	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
o-Xylene	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-3 (4-6)
Lab Order:	1401124	**Collection Date:**	1/30/2014 10:43:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-004A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
p-Diethylbenzene	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
p-Ethyltoluene	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
sec-Butylbenzene	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
Styrene	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
t-Butyl alcohol	U	2.60	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
tert-Butylbenzene	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
Tetrachloroethene	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
Toluene	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
trans-1,2-Dichloroethene	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
trans-1,3-Dichloropropene	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
Trichloroethene	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
Trichlorofluoromethane	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
Vinyl acetate	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
Vinyl chloride	U	1.04	5.2		µg/Kg-dry	1	1/31/2014 3:19:00 PM
Surr: 4-Bromofluorobenzene	97.6	0	56-133		%REC	1	1/31/2014 3:19:00 PM
Surr: Dibromofluoromethane	103	0	60-132		%REC	1	1/31/2014 3:19:00 PM
Surr: Toluene-d8	101	0	69-125		%REC	1	1/31/2014 3:19:00 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-3 (4-6)
Lab Order:	1401124	**Collection Date:**	1/30/2014 10:43:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-004B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
MERCURY			**SW7471B**		**SW7471B**		Analyst: **JP**
Mercury	U	0.008	0.0123		mg/Kg-dry	1	2/6/2014 11:08:10 AM
PCB'S AS AROCLORS SW-846 METHOD 8082			**SW8082A**		**SW3546**		Analyst: **SB**
Aroclor 1016	U	10.2	20		µg/Kg-dry	1	2/11/2014 4:00:00 AM
Aroclor 1221	U	10.2	20		µg/Kg-dry	1	2/11/2014 4:00:00 AM
Aroclor 1232	U	10.2	20		µg/Kg-dry	1	2/11/2014 4:00:00 AM
Aroclor 1242	U	10.2	20		µg/Kg-dry	1	2/11/2014 4:00:00 AM
Aroclor 1248	U	10.2	20		µg/Kg-dry	1	2/11/2014 4:00:00 AM
Aroclor 1254	U	10.2	20		µg/Kg-dry	1	2/11/2014 4:00:00 AM
Aroclor 1260	U	10.2	20		µg/Kg-dry	1	2/11/2014 4:00:00 AM
Aroclor 1262	U	10.2	20		µg/Kg-dry	1	2/11/2014 4:00:00 AM
Aroclor 1268	U	10.2	20		µg/Kg-dry	1	2/11/2014 4:00:00 AM
Surr: DCB	19.1	0	12-144		%REC	1	2/11/2014 4:00:00 AM
Surr: TCX	50.0	0	13-145		%REC	1	2/11/2014 4:00:00 AM
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
4,4´-DDD	U	1.02	2.6		µg/Kg-dry	1	2/10/2014 6:58:00 PM
4,4´-DDE	U	1.02	2.6		µg/Kg-dry	1	2/10/2014 6:58:00 PM
4,4´-DDT	U	1.02	2.6		µg/Kg-dry	1	2/10/2014 6:58:00 PM
Aldrin	U	1.02	2.6		µg/Kg-dry	1	2/10/2014 6:58:00 PM
alpha-BHC	U	1.02	2.6		µg/Kg-dry	1	2/10/2014 6:58:00 PM
beta-BHC	U	1.02	2.6		µg/Kg-dry	1	2/10/2014 6:58:00 PM
Chlordane	U	10.2	20		µg/Kg-dry	1	2/10/2014 6:58:00 PM
Chlorobenzilate	U	1.02	2.6		µg/Kg-dry	1	2/10/2014 6:58:00 PM
DBCP	U	1.02	2.6		µg/Kg-dry	1	2/10/2014 6:58:00 PM
delta-BHC	U	1.02	2.6		µg/Kg-dry	1	2/10/2014 6:58:00 PM
Dieldrin	U	1.02	2.6		µg/Kg-dry	1	2/10/2014 6:58:00 PM
Endosulfan I	U	1.02	2.6		µg/Kg-dry	1	2/10/2014 6:58:00 PM
Endosulfan II	U	1.02	2.6		µg/Kg-dry	1	2/10/2014 6:58:00 PM
Endosulfan sulfate	U	1.02	2.6		µg/Kg-dry	1	2/10/2014 6:58:00 PM
Endrin	U	1.02	2.6		µg/Kg-dry	1	2/10/2014 6:58:00 PM
Endrin aldehyde	U	1.02	2.6		µg/Kg-dry	1	2/10/2014 6:58:00 PM
Endrin ketone	U	1.02	2.6		µg/Kg-dry	1	2/10/2014 6:58:00 PM
gamma-BHC	U	1.02	2.6		µg/Kg-dry	1	2/10/2014 6:58:00 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-3 (4-6)
Lab Order:	1401124	**Collection Date:**	1/30/2014 10:43:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-004B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
Heptachlor	U	1.02	2.6		µg/Kg-dry	1	2/10/2014 6:58:00 PM
Heptachlor epoxide	U	1.02	2.6		µg/Kg-dry	1	2/10/2014 6:58:00 PM
Hexachlorobenzene	U	1.02	2.6		µg/Kg-dry	1	2/10/2014 6:58:00 PM
Hexachlorocyclopentadiene	U	1.02	2.6		µg/Kg-dry	1	2/10/2014 6:58:00 PM
Methoxychlor	U	1.02	2.6		µg/Kg-dry	1	2/10/2014 6:58:00 PM
Toxaphene	U	12.8	26		µg/Kg-dry	1	2/10/2014 6:58:00 PM
Surr: DCB	42.9	0	16-148		%REC	1	2/10/2014 6:58:00 PM
Surr: TCX	32.0	0	19-145		%REC	1	2/10/2014 6:58:00 PM
PERCENT MOISTURE			**D2216**				Analyst: **CF**
Percent Moisture	4.7	1	1.0		wt%	1	2/5/2014
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Aluminum	2750	0.1	0.386		mg/Kg-dry	1	2/5/2014 1:03:53 PM
Antimony	U	0.19	0.482		mg/Kg-dry	1	2/5/2014 1:03:53 PM
Arsenic	0.857	0.19	0.482		mg/Kg-dry	1	2/5/2014 1:03:53 PM
Barium	12.9	0.19	0.386		mg/Kg-dry	1	2/5/2014 1:03:53 PM
Beryllium	U	0.1	0.386		mg/Kg-dry	1	2/5/2014 1:03:53 PM
Cadmium	U	0.1	0.386		mg/Kg-dry	1	2/5/2014 1:03:53 PM
Calcium	695	0.19	0.482		mg/Kg-dry	1	2/5/2014 1:03:53 PM
Chromium	8.83	0.1	0.386		mg/Kg-dry	1	2/5/2014 1:03:53 PM
Cobalt	U	0.1	0.386		mg/Kg-dry	1	2/5/2014 1:03:53 PM
Copper	6.52	0.1	0.386		mg/Kg-dry	1	2/5/2014 1:03:53 PM
Iron	7950	1.93	3.86		mg/Kg-dry	10	2/5/2014 2:15:24 PM
Lead	2.99	0.19	0.386		mg/Kg-dry	1	2/5/2014 1:03:53 PM
Magnesium	1100	0.1	0.386		mg/Kg-dry	1	2/5/2014 1:03:53 PM
Manganese	165	0.1	0.386		mg/Kg-dry	1	2/5/2014 1:03:53 PM
Nickel	7.37	0.1	0.386		mg/Kg-dry	1	2/5/2014 1:03:53 PM
Potassium	340	0.19	0.482		mg/Kg-dry	1	2/5/2014 1:03:53 PM
Selenium	U	0.19	0.482		mg/Kg-dry	1	2/5/2014 1:03:53 PM
Silver	U	0.1	0.386		mg/Kg-dry	1	2/5/2014 1:03:53 PM
Sodium	29.3	0.19	0.482		mg/Kg-dry	1	2/5/2014 1:03:53 PM
Thallium	0.412	0.29	0.482	J	mg/Kg-dry	1	2/5/2014 1:03:53 PM
Vanadium	9.19	0.1	0.386		mg/Kg-dry	1	2/5/2014 1:03:53 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, New York, Zip - 11735
Tel - (631) 454-6100 Fax - (631) 454-8027 www.american-analytical.com

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-3 (4-6)
Lab Order:	1401124	**Collection Date:**	1/30/2014 10:43:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-004B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Zinc	12.0	0.1	0.386		mg/Kg-dry	1	2/5/2014 1:03:53 PM
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
1,2,4-Trichlorobenzene	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
1,2-Dichlorobenzene	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
1,3-Dichlorobenzene	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
1,4-Dichlorobenzene	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
2,3,4,6-Tetrachlorophenol	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
2,4,5-Trichlorophenol	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
2,4,6-Trichlorophenol	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
2,4-Dichlorophenol	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
2,4-Dimethylphenol	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
2,4-Dinitrophenol	U	52.0	520	*	µg/Kg-dry	1	2/4/2014 8:50:00 PM
2,4-Dinitrotoluene	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
2,6-Dinitrotoluene	U	52.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
2-Chloronaphthalene	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
2-Chlorophenol	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
2-Methylnaphthalene	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
2-Methylphenol	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
2-Nitroaniline	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
2-Nitrophenol	U	52.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
3,3´-Dichlorobenzidine	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
3+4-Methylphenol	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
3-Nitroaniline	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
4,6-Dinitro-2-methylphenol	U	52.0	520		µg/Kg-dry	1	2/4/2014 8:50:00 PM
4-Bromophenyl phenyl ether	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
4-Chloro-3-methylphenol	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
4-Chloroaniline	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
4-Chlorophenyl phenyl ether	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
4-Nitroaniline	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
4-Nitrophenol	U	52.0	520		µg/Kg-dry	1	2/4/2014 8:50:00 PM
Acenaphthene	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
Acenaphthylene	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-3 (4-6)
Lab Order:	1401124	**Collection Date:**	1/30/2014 10:43:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-004B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Acetophenone	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
Aniline	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
Anthracene	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
Atrazine	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
Azobenzene	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
Benzaldehyde	U	52.0	520		µg/Kg-dry	1	2/4/2014 8:50:00 PM
Benzidine	U	52.0	520		µg/Kg-dry	1	2/4/2014 8:50:00 PM
Benzo(a)anthracene	U	26.0	260	m	µg/Kg-dry	1	2/4/2014 8:50:00 PM
Benzo(a)pyrene	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
Benzo(b)fluoranthene	U	26.0	260	m	µg/Kg-dry	1	2/4/2014 8:50:00 PM
Benzo(g,h,i)perylene	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
Benzo(k)fluoranthene	U	26.0	260	m	µg/Kg-dry	1	2/4/2014 8:50:00 PM
Benzoic acid	U	52.0	520	*	µg/Kg-dry	1	2/4/2014 8:50:00 PM
Benzyl alcohol	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
Biphenyl	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
Bis(2-chloroethoxy)methane	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
Bis(2-chloroethyl)ether	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
Bis(2-chloroisopropyl)ether	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
Bis(2-ethylhexyl)phthalate	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
Butyl benzyl phthalate	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
Caprolactam	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
Carbazole	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
Chrysene	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
Dibenzo(a,h)anthracene	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
Dibenzofuran	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
Diethyl phthalate	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
Dimethyl phthalate	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
Di-n-butyl phthalate	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
Di-n-octyl phthalate	U	52.0	520		µg/Kg-dry	1	2/4/2014 8:50:00 PM
Fluoranthene	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
Fluorene	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
Hexachlorobenzene	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
Hexachlorobutadiene	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-3 (4-6)
Lab Order:	1401124	**Collection Date:**	1/30/2014 10:43:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-004B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Hexachlorocyclopentadiene	U	52.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
Hexachloroethane	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
Indeno(1,2,3-c,d)pyrene	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
Isophorone	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
Naphthalene	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
Nitrobenzene	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
N-Nitrosodimethylamine	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
N-Nitrosodi-n-propylamine	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
N-Nitrosodiphenylamine	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
Parathion	U	52.0	520		µg/Kg-dry	1	2/4/2014 8:50:00 PM
Pentachlorophenol	U	52.0	520	*	µg/Kg-dry	1	2/4/2014 8:50:00 PM
Phenanthrene	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
Phenol	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
Pyrene	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
Pyridine	U	26.0	260		µg/Kg-dry	1	2/4/2014 8:50:00 PM
Surr: 2,4,6-Tribromophenol	88.9	0	11-135		%REC	1	2/4/2014 8:50:00 PM
Surr: 2-Fluorobiphenyl	77.1	0	21-143		%REC	1	2/4/2014 8:50:00 PM
Surr: 2-Fluorophenol	97.5	0	14-122		%REC	1	2/4/2014 8:50:00 PM
Surr: 4-Terphenyl-d14	82.4	0	15-137		%REC	1	2/4/2014 8:50:00 PM
Surr: Nitrobenzene-d5	57.4	0	17-136		%REC	1	2/4/2014 8:50:00 PM
Surr: Phenol-d6	99.9	0	10-116		%REC	1	2/4/2014 8:50:00 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-6 (0-2)
Lab Order:	1401124	**Collection Date:**	1/30/2014 9:15:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-005A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
1,1,1,2-Tetrachloroethane	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
1,1,1-Trichloroethane	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
1,1,2,2-Tetrachloroethane	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
1,1,2-Trichloroethane	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
1,1-Dichloroethane	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
1,1-Dichloroethene	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
1,1-Dichloropropene	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
1,2,3-Trichlorobenzene	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
1,2,3-Trichloropropane	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
1,2,4,5-Tetramethylbenzene	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
1,2,4-Trichlorobenzene	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
1,2,4-Trimethylbenzene	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
1,2-Dibromo-3-chloropropane	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
1,2-Dibromoethane	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
1,2-Dichlorobenzene	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
1,2-Dichloroethane	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
1,2-Dichloropropane	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
1,3,5-Trimethylbenzene	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
1,3-Dichlorobenzene	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
1,3-dichloropropane	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
1,4-Dichlorobenzene	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
1,4-Dioxane	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
2,2-Dichloropropane	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
2-Butanone	U	5.83	12		µg/Kg-dry	1	1/31/2014 3:46:00 PM
2-Chloroethyl vinyl ether	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
2-Chlorotoluene	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
2-Hexanone	U	5.83	12		µg/Kg-dry	1	1/31/2014 3:46:00 PM
2-Propanol	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
4-Chlorotoluene	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
4-Isopropyltoluene	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
4-Methyl-2-pentanone	U	5.83	12		µg/Kg-dry	1	1/31/2014 3:46:00 PM
Acetone	7.2	1.46	12	BJ*	µg/Kg-dry	1	1/31/2014 3:46:00 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-6 (0-2)
Lab Order:	1401124	**Collection Date:**	1/30/2014 9:15:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-005A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
Benzene	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
Bromobenzene	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
Bromochloromethane	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
Bromodichloromethane	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
Bromoform	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
Bromomethane	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
Carbon disulfide	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
Carbon tetrachloride	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
Chlorobenzene	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
Chlorodifluoromethane	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
Chloroethane	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
Chloroform	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
Chloromethane	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
cis-1,2-Dichloroethene	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
cis-1,3-Dichloropropene	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
Cyclohexane	U	2.33	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
Dibromochloromethane	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
Dibromomethane	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
Dichlorodifluoromethane	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
Diisopropyl ether	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
Ethanol	U	11.7	23		µg/Kg-dry	1	1/31/2014 3:46:00 PM
Ethylbenzene	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
Freon-114	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
Hexachlorobutadiene	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
Isopropylbenzene	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
m,p-Xylene	U	2.33	12		µg/Kg-dry	1	1/31/2014 3:46:00 PM
Methyl Acetate	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
Methyl tert-butyl ether	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
Methylene chloride	11	1.17	5.8	B*	µg/Kg-dry	1	1/31/2014 3:46:00 PM
Naphthalene	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
n-Butylbenzene	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
n-Propylbenzene	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
o-Xylene	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-6 (0-2)
Lab Order:	1401124	**Collection Date:**	1/30/2014 9:15:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-005A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
p-Diethylbenzene	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
p-Ethyltoluene	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
sec-Butylbenzene	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
Styrene	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
t-Butyl alcohol	U	2.91	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
tert-Butylbenzene	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
Tetrachloroethene	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
Toluene	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
trans-1,2-Dichloroethene	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
trans-1,3-Dichloropropene	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
Trichloroethene	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
Trichlorofluoromethane	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
Vinyl acetate	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
Vinyl chloride	U	1.17	5.8		µg/Kg-dry	1	1/31/2014 3:46:00 PM
Surr: 4-Bromofluorobenzene	96.7	0	56-133		%REC	1	1/31/2014 3:46:00 PM
Surr: Dibromofluoromethane	100	0	60-132		%REC	1	1/31/2014 3:46:00 PM
Surr: Toluene-d8	100	0	69-125		%REC	1	1/31/2014 3:46:00 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-6 (0-2)
Lab Order:	1401124	**Collection Date:**	1/30/2014 9:15:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-005B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
MERCURY			**SW7471B**		**SW7471B**		Analyst: **JP**
Mercury	0.0208	0.01	0.0143		mg/Kg-dry	1	2/6/2014 11:10:19 AM
PCB'S AS AROCLORS SW-846 METHOD 8082			**SW8082A**		**SW3546**		Analyst: **SB**
Aroclor 1016	U	11.8	24		µg/Kg-dry	1	2/11/2014 2:13:00 PM
Aroclor 1221	U	11.8	24		µg/Kg-dry	1	2/11/2014 2:13:00 PM
Aroclor 1232	U	11.8	24		µg/Kg-dry	1	2/11/2014 2:13:00 PM
Aroclor 1242	U	11.8	24		µg/Kg-dry	1	2/11/2014 2:13:00 PM
Aroclor 1248	U	11.8	24		µg/Kg-dry	1	2/11/2014 2:13:00 PM
Aroclor 1254	U	11.8	24		µg/Kg-dry	1	2/11/2014 2:13:00 PM
Aroclor 1260	U	11.8	24		µg/Kg-dry	1	2/11/2014 2:13:00 PM
Aroclor 1262	U	11.8	24		µg/Kg-dry	1	2/11/2014 2:13:00 PM
Aroclor 1268	U	11.8	24		µg/Kg-dry	1	2/11/2014 2:13:00 PM
Surr: DCB	66.9	0	12-144		%REC	1	2/11/2014 2:13:00 PM
Surr: DCB	14.5	0	12-144		%REC	1	2/11/2014 4:25:00 AM
Surr: TCX	60.7	0	13-145		%REC	1	2/11/2014 4:25:00 AM
Surr: TCX	51.4	0	13-145		%REC	1	2/11/2014 2:13:00 PM
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
4,4´-DDD	U	1.18	3.0		µg/Kg-dry	1	2/10/2014 7:13:00 PM
4,4´-DDE	U	1.18	3.0		µg/Kg-dry	1	2/10/2014 7:13:00 PM
4,4´-DDT	U	1.18	3.0		µg/Kg-dry	1	2/10/2014 7:13:00 PM
Aldrin	U	1.18	3.0		µg/Kg-dry	1	2/10/2014 7:13:00 PM
alpha-BHC	U	1.18	3.0		µg/Kg-dry	1	2/10/2014 7:13:00 PM
beta-BHC	U	1.18	3.0		µg/Kg-dry	1	2/10/2014 7:13:00 PM
Chlordane	U	11.8	24		µg/Kg-dry	1	2/10/2014 7:13:00 PM
Chlorobenzilate	U	1.18	3.0		µg/Kg-dry	1	2/10/2014 7:13:00 PM
DBCP	U	1.18	3.0		µg/Kg-dry	1	2/10/2014 7:13:00 PM
delta-BHC	U	1.18	3.0		µg/Kg-dry	1	2/10/2014 7:13:00 PM
Dieldrin	U	1.18	3.0		µg/Kg-dry	1	2/10/2014 7:13:00 PM
Endosulfan I	U	1.18	3.0		µg/Kg-dry	1	2/10/2014 7:13:00 PM
Endosulfan II	U	1.18	3.0		µg/Kg-dry	1	2/10/2014 7:13:00 PM
Endosulfan sulfate	U	1.18	3.0		µg/Kg-dry	1	2/10/2014 7:13:00 PM
Endrin	U	1.18	3.0		µg/Kg-dry	1	2/10/2014 7:13:00 PM
Endrin aldehyde	U	1.18	3.0		µg/Kg-dry	1	2/10/2014 7:13:00 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-6 (0-2)
Lab Order:	1401124	**Collection Date:**	1/30/2014 9:15:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-005B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
Endrin ketone	U	1.18	3.0		µg/Kg-dry	1	2/10/2014 7:13:00 PM
gamma-BHC	U	1.18	3.0		µg/Kg-dry	1	2/10/2014 7:13:00 PM
Heptachlor	U	1.18	3.0		µg/Kg-dry	1	2/10/2014 7:13:00 PM
Heptachlor epoxide	U	1.18	3.0		µg/Kg-dry	1	2/10/2014 7:13:00 PM
Hexachlorobenzene	U	1.18	3.0		µg/Kg-dry	1	2/10/2014 7:13:00 PM
Hexachlorocyclopentadiene	U	1.18	3.0		µg/Kg-dry	1	2/10/2014 7:13:00 PM
Methoxychlor	U	1.18	3.0		µg/Kg-dry	1	2/10/2014 7:13:00 PM
Toxaphene	U	14.8	30		µg/Kg-dry	1	2/10/2014 7:13:00 PM
Surr: DCB	50.0	0	16-148		%REC	1	2/10/2014 7:13:00 PM
Surr: TCX	50.5	0	19-145		%REC	1	2/10/2014 7:13:00 PM
PERCENT MOISTURE			**D2216**				Analyst: **CF**
Percent Moisture	16	1	1.0		wt%	1	2/5/2014
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Aluminum	11100	1.16	4.64		mg/Kg-dry	10	2/5/2014 2:17:26 PM
Antimony	U	0.23	0.580		mg/Kg-dry	1	2/5/2014 1:05:53 PM
Arsenic	3.36	0.23	0.580		mg/Kg-dry	1	2/5/2014 1:05:53 PM
Barium	73.9	0.23	0.464		mg/Kg-dry	1	2/5/2014 1:05:53 PM
Beryllium	U	0.12	0.464		mg/Kg-dry	1	2/5/2014 1:05:53 PM
Cadmium	U	0.12	0.464		mg/Kg-dry	1	2/5/2014 1:05:53 PM
Calcium	1590	0.23	0.580		mg/Kg-dry	1	2/5/2014 1:05:53 PM
Chromium	17.4	0.12	0.464		mg/Kg-dry	1	2/5/2014 1:05:53 PM
Cobalt	U	0.12	0.464		mg/Kg-dry	1	2/5/2014 1:05:53 PM
Copper	10.6	0.12	0.464		mg/Kg-dry	1	2/5/2014 1:05:53 PM
Iron	13400	2.32	4.64		mg/Kg-dry	10	2/5/2014 2:17:26 PM
Lead	15.5	0.23	0.464		mg/Kg-dry	1	2/5/2014 1:05:53 PM
Magnesium	2030	0.12	0.464		mg/Kg-dry	1	2/5/2014 1:05:53 PM
Manganese	478	0.12	0.464		mg/Kg-dry	1	2/5/2014 1:05:53 PM
Nickel	11.3	0.12	0.464		mg/Kg-dry	1	2/5/2014 1:05:53 PM
Potassium	659	0.23	0.580		mg/Kg-dry	1	2/5/2014 1:05:53 PM
Selenium	0.365	0.23	0.580	J	mg/Kg-dry	1	2/5/2014 1:05:53 PM
Silver	U	0.12	0.464		mg/Kg-dry	1	2/5/2014 1:05:53 PM
Sodium	118	0.23	0.580		mg/Kg-dry	1	2/5/2014 1:05:53 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, New York, Zip - 11735
Tel - (631) 454-6100 Fax - (631) 454-8027 www.american-analytical.com

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-6 (0-2)
Lab Order:	1401124	**Collection Date:**	1/30/2014 9:15:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-005B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Thallium	1.03	0.35	0.580		mg/Kg-dry	1	2/5/2014 1:05:53 PM
Vanadium	24.5	0.12	0.464		mg/Kg-dry	1	2/5/2014 1:05:53 PM
Zinc	31.7	0.12	0.464		mg/Kg-dry	1	2/5/2014 1:05:53 PM
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
1,2,4-Trichlorobenzene	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
1,2-Dichlorobenzene	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
1,3-Dichlorobenzene	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
1,4-Dichlorobenzene	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
2,3,4,6-Tetrachlorophenol	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
2,4,5-Trichlorophenol	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
2,4,6-Trichlorophenol	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
2,4-Dichlorophenol	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
2,4-Dimethylphenol	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
2,4-Dinitrophenol	U	59	590	*	µg/Kg-dry	1	2/4/2014 9:13:00 PM
2,4-Dinitrotoluene	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
2,6-Dinitrotoluene	U	59	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
2-Chloronaphthalene	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
2-Chlorophenol	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
2-Methylnaphthalene	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
2-Methylphenol	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
2-Nitroaniline	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
2-Nitrophenol	U	59	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
3,3´-Dichlorobenzidine	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
3+4-Methylphenol	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
3-Nitroaniline	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
4,6-Dinitro-2-methylphenol	U	59	590		µg/Kg-dry	1	2/4/2014 9:13:00 PM
4-Bromophenyl phenyl ether	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
4-Chloro-3-methylphenol	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
4-Chloroaniline	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
4-Chlorophenyl phenyl ether	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
4-Nitroaniline	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
4-Nitrophenol	U	59	590		µg/Kg-dry	1	2/4/2014 9:13:00 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-6 (0-2)
Lab Order:	1401124	**Collection Date:**	1/30/2014 9:15:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-005B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Acenaphthene	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
Acenaphthylene	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
Acetophenone	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
Aniline	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
Anthracene	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
Atrazine	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
Azobenzene	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
Benzaldehyde	U	59	590		µg/Kg-dry	1	2/4/2014 9:13:00 PM
Benzidine	U	59	590		µg/Kg-dry	1	2/4/2014 9:13:00 PM
Benzo(a)anthracene	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
Benzo(a)pyrene	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
Benzo(b)fluoranthene	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
Benzo(g,h,i)perylene	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
Benzo(k)fluoranthene	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
Benzoic acid	U	59	590	*	µg/Kg-dry	1	2/4/2014 9:13:00 PM
Benzyl alcohol	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
Biphenyl	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
Bis(2-chloroethoxy)methane	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
Bis(2-chloroethyl)ether	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
Bis(2-chloroisopropyl)ether	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
Bis(2-ethylhexyl)phthalate	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
Butyl benzyl phthalate	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
Caprolactam	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
Carbazole	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
Chrysene	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
Dibenzo(a,h)anthracene	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
Dibenzofuran	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
Diethyl phthalate	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
Dimethyl phthalate	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
Di-n-butyl phthalate	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
Di-n-octyl phthalate	U	59	590		µg/Kg-dry	1	2/4/2014 9:13:00 PM
Fluoranthene	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
Fluorene	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-6 (0-2)
Lab Order:	1401124	**Collection Date:**	1/30/2014 9:15:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-005B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Hexachlorobenzene	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
Hexachlorobutadiene	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
Hexachlorocyclopentadiene	U	59	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
Hexachloroethane	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
Indeno(1,2,3-c,d)pyrene	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
Isophorone	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
Naphthalene	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
Nitrobenzene	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
N-Nitrosodimethylamine	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
N-Nitrosodi-n-propylamine	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
N-Nitrosodiphenylamine	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
Parathion	U	59	590		µg/Kg-dry	1	2/4/2014 9:13:00 PM
Pentachlorophenol	U	59	590	*	µg/Kg-dry	1	2/4/2014 9:13:00 PM
Phenanthrene	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
Phenol	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
Pyrene	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
Pyridine	U	29.5	290		µg/Kg-dry	1	2/4/2014 9:13:00 PM
Surr: 2,4,6-Tribromophenol	72.3	0	11-135		%REC	1	2/4/2014 9:13:00 PM
Surr: 2-Fluorobiphenyl	71.4	0	21-143		%REC	1	2/4/2014 9:13:00 PM
Surr: 2-Fluorophenol	86.1	0	14-122		%REC	1	2/4/2014 9:13:00 PM
Surr: 4-Terphenyl-d14	62.1	0	15-137		%REC	1	2/4/2014 9:13:00 PM
Surr: Nitrobenzene-d5	68.3	0	17-136		%REC	1	2/4/2014 9:13:00 PM
Surr: Phenol-d6	84.7	0	10-116		%REC	1	2/4/2014 9:13:00 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-6 (4-6)
Lab Order:	1401124	**Collection Date:**	1/30/2014 9:20:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-006A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
1,1,1,2-Tetrachloroethane	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
1,1,1-Trichloroethane	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
1,1,2,2-Tetrachloroethane	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
1,1,2-Trichloroethane	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
1,1-Dichloroethane	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
1,1-Dichloroethene	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
1,1-Dichloropropene	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
1,2,3-Trichlorobenzene	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
1,2,3-Trichloropropane	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
1,2,4,5-Tetramethylbenzene	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
1,2,4-Trichlorobenzene	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
1,2,4-Trimethylbenzene	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
1,2-Dibromo-3-chloropropane	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
1,2-Dibromoethane	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
1,2-Dichlorobenzene	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
1,2-Dichloroethane	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
1,2-Dichloropropane	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
1,3,5-Trimethylbenzene	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
1,3-Dichlorobenzene	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
1,3-dichloropropane	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
1,4-Dichlorobenzene	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
1,4-Dioxane	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
2,2-Dichloropropane	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
2-Butanone	U	5.42	11		µg/Kg-dry	1	1/31/2014 4:14:00 PM
2-Chloroethyl vinyl ether	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
2-Chlorotoluene	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
2-Hexanone	U	5.42	11		µg/Kg-dry	1	1/31/2014 4:14:00 PM
2-Propanol	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
4-Chlorotoluene	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
4-Isopropyltoluene	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
4-Methyl-2-pentanone	U	5.42	11		µg/Kg-dry	1	1/31/2014 4:14:00 PM
Acetone	7.5	1.35	11	BJ*	µg/Kg-dry	1	1/31/2014 4:14:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, New York, Zip - 11735
Tel - (631) 454-6100 Fax - (631) 454-8027 www.american-analytical.com

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-6 (4-6)
Lab Order:	1401124	**Collection Date:**	1/30/2014 9:20:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-006A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
Benzene	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
Bromobenzene	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
Bromochloromethane	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
Bromodichloromethane	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
Bromoform	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
Bromomethane	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
Carbon disulfide	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
Carbon tetrachloride	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
Chlorobenzene	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
Chlorodifluoromethane	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
Chloroethane	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
Chloroform	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
Chloromethane	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
cis-1,2-Dichloroethene	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
cis-1,3-Dichloropropene	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
Cyclohexane	U	2.17	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
Dibromochloromethane	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
Dibromomethane	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
Dichlorodifluoromethane	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
Diisopropyl ether	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
Ethanol	U	10.8	22		µg/Kg-dry	1	1/31/2014 4:14:00 PM
Ethylbenzene	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
Freon-114	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
Hexachlorobutadiene	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
Isopropylbenzene	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
m,p-Xylene	U	2.17	11		µg/Kg-dry	1	1/31/2014 4:14:00 PM
Methyl Acetate	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
Methyl tert-butyl ether	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
Methylene chloride	9.3	1.08	5.4	B*	µg/Kg-dry	1	1/31/2014 4:14:00 PM
Naphthalene	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
n-Butylbenzene	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
n-Propylbenzene	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
o-Xylene	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-6 (4-6)
Lab Order:	1401124	**Collection Date:**	1/30/2014 9:20:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-006A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
p-Diethylbenzene	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
p-Ethyltoluene	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
sec-Butylbenzene	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
Styrene	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
t-Butyl alcohol	U	2.71	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
tert-Butylbenzene	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
Tetrachloroethene	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
Toluene	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
trans-1,2-Dichloroethene	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
trans-1,3-Dichloropropene	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
Trichloroethene	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
Trichlorofluoromethane	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
Vinyl acetate	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
Vinyl chloride	U	1.08	5.4		µg/Kg-dry	1	1/31/2014 4:14:00 PM
Surr: 4-Bromofluorobenzene	97.6	0	56-133		%REC	1	1/31/2014 4:14:00 PM
Surr: Dibromofluoromethane	102	0	60-132		%REC	1	1/31/2014 4:14:00 PM
Surr: Toluene-d8	99.4	0	69-125		%REC	1	1/31/2014 4:14:00 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-6 (4-6)
Lab Order:	1401124	**Collection Date:**	1/30/2014 9:20:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-006B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
MERCURY			**SW7471B**		**SW7471B**		Analyst: **JP**
Mercury	U	0.008	0.0122		mg/Kg-dry	1	2/6/2014 11:12:28 AM
PCB'S AS AROCLORS SW-846 METHOD 8082			**SW8082A**		**SW3546**		Analyst: **SB**
Aroclor 1016	U	10.7	21		µg/Kg-dry	1	2/11/2014 2:38:00 PM
Aroclor 1221	U	10.7	21		µg/Kg-dry	1	2/11/2014 2:38:00 PM
Aroclor 1232	U	10.7	21		µg/Kg-dry	1	2/11/2014 2:38:00 PM
Aroclor 1242	U	10.7	21		µg/Kg-dry	1	2/11/2014 2:38:00 PM
Aroclor 1248	U	10.7	21		µg/Kg-dry	1	2/11/2014 2:38:00 PM
Aroclor 1254	U	10.7	21		µg/Kg-dry	1	2/11/2014 2:38:00 PM
Aroclor 1260	U	10.7	21		µg/Kg-dry	1	2/11/2014 2:38:00 PM
Aroclor 1262	U	10.7	21		µg/Kg-dry	1	2/11/2014 2:38:00 PM
Aroclor 1268	U	10.7	21		µg/Kg-dry	1	2/11/2014 2:38:00 PM
Surr: DCB	50.9	0	12-144		%REC	1	2/11/2014 2:38:00 PM
Surr: DCB	5.92	0	12-144	S	%REC	1	2/11/2014 4:49:00 AM
Surr: TCX	41.6	0	13-145		%REC	1	2/11/2014 4:49:00 AM
Surr: TCX	57.4	0	13-145		%REC	1	2/11/2014 2:38:00 PM
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
4,4´-DDD	U	1.07	2.7		µg/Kg-dry	1	2/10/2014 7:27:00 PM
4,4´-DDE	U	1.07	2.7		µg/Kg-dry	1	2/10/2014 7:27:00 PM
4,4´-DDT	U	1.07	2.7		µg/Kg-dry	1	2/10/2014 7:27:00 PM
Aldrin	U	1.07	2.7		µg/Kg-dry	1	2/10/2014 7:27:00 PM
alpha-BHC	U	1.07	2.7		µg/Kg-dry	1	2/10/2014 7:27:00 PM
beta-BHC	U	1.07	2.7		µg/Kg-dry	1	2/10/2014 7:27:00 PM
Chlordane	U	10.7	21		µg/Kg-dry	1	2/10/2014 7:27:00 PM
Chlorobenzilate	U	1.07	2.7		µg/Kg-dry	1	2/10/2014 7:27:00 PM
DBCP	U	1.07	2.7		µg/Kg-dry	1	2/10/2014 7:27:00 PM
delta-BHC	U	1.07	2.7		µg/Kg-dry	1	2/10/2014 7:27:00 PM
Dieldrin	U	1.07	2.7		µg/Kg-dry	1	2/10/2014 7:27:00 PM
Endosulfan I	U	1.07	2.7		µg/Kg-dry	1	2/10/2014 7:27:00 PM
Endosulfan II	U	1.07	2.7		µg/Kg-dry	1	2/10/2014 7:27:00 PM
Endosulfan sulfate	U	1.07	2.7		µg/Kg-dry	1	2/10/2014 7:27:00 PM
Endrin	U	1.07	2.7		µg/Kg-dry	1	2/10/2014 7:27:00 PM
Endrin aldehyde	U	1.07	2.7		µg/Kg-dry	1	2/10/2014 7:27:00 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-6 (4-6)
Lab Order:	1401124	**Collection Date:**	1/30/2014 9:20:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-006B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
Endrin ketone	U	1.07	2.7		µg/Kg-dry	1	2/10/2014 7:27:00 PM
gamma-BHC	U	1.07	2.7		µg/Kg-dry	1	2/10/2014 7:27:00 PM
Heptachlor	U	1.07	2.7		µg/Kg-dry	1	2/10/2014 7:27:00 PM
Heptachlor epoxide	U	1.07	2.7		µg/Kg-dry	1	2/10/2014 7:27:00 PM
Hexachlorobenzene	U	1.07	2.7		µg/Kg-dry	1	2/10/2014 7:27:00 PM
Hexachlorocyclopentadiene	U	1.07	2.7		µg/Kg-dry	1	2/10/2014 7:27:00 PM
Methoxychlor	U	1.07	2.7		µg/Kg-dry	1	2/10/2014 7:27:00 PM
Toxaphene	U	13.4	27		µg/Kg-dry	1	2/10/2014 7:27:00 PM
Surr: DCB	38.3	0	16-148		%REC	1	2/10/2014 7:27:00 PM
Surr: TCX	33.9	0	19-145		%REC	1	2/10/2014 7:27:00 PM
PERCENT MOISTURE			**D2216**				Analyst: **CF**
Percent Moisture	7.2	1	1.0		wt%	1	2/5/2014
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Aluminum	2440	0.10	0.408		mg/Kg-dry	1	2/5/2014 1:07:54 PM
Antimony	U	0.20	0.510		mg/Kg-dry	1	2/5/2014 1:07:54 PM
Arsenic	1.06	0.20	0.510		mg/Kg-dry	1	2/5/2014 1:07:54 PM
Barium	15.6	0.20	0.408		mg/Kg-dry	1	2/5/2014 1:07:54 PM
Beryllium	U	0.10	0.408		mg/Kg-dry	1	2/5/2014 1:07:54 PM
Cadmium	U	0.10	0.408		mg/Kg-dry	1	2/5/2014 1:07:54 PM
Calcium	3850	0.20	0.510		mg/Kg-dry	1	2/5/2014 1:07:54 PM
Chromium	12.0	0.10	0.408		mg/Kg-dry	1	2/5/2014 1:07:54 PM
Cobalt	U	0.10	0.408		mg/Kg-dry	1	2/5/2014 1:07:54 PM
Copper	8.39	0.10	0.408		mg/Kg-dry	1	2/5/2014 1:07:54 PM
Iron	7770	2.04	4.08		mg/Kg-dry	10	2/5/2014 2:19:28 PM
Lead	4.33	0.20	0.408		mg/Kg-dry	1	2/5/2014 1:07:54 PM
Magnesium	2690	0.10	0.408		mg/Kg-dry	1	2/5/2014 1:07:54 PM
Manganese	191	0.10	0.408		mg/Kg-dry	1	2/5/2014 1:07:54 PM
Nickel	6.72	0.10	0.408		mg/Kg-dry	1	2/5/2014 1:07:54 PM
Potassium	461	0.20	0.510		mg/Kg-dry	1	2/5/2014 1:07:54 PM
Selenium	U	0.20	0.510		mg/Kg-dry	1	2/5/2014 1:07:54 PM
Silver	U	0.10	0.408		mg/Kg-dry	1	2/5/2014 1:07:54 PM
Sodium	50.8	0.20	0.510		mg/Kg-dry	1	2/5/2014 1:07:54 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-6 (4-6)
Lab Order:	1401124	**Collection Date:**	1/30/2014 9:20:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-006B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Thallium	0.346	0.31	0.510	J	mg/Kg-dry	1	2/5/2014 1:07:54 PM
Vanadium	10.7	0.10	0.408		mg/Kg-dry	1	2/5/2014 1:07:54 PM
Zinc	13.1	0.10	0.408		mg/Kg-dry	1	2/5/2014 1:07:54 PM
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
1,2,4-Trichlorobenzene	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
1,2-Dichlorobenzene	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
1,3-Dichlorobenzene	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
1,4-Dichlorobenzene	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
2,3,4,6-Tetrachlorophenol	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
2,4,5-Trichlorophenol	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
2,4,6-Trichlorophenol	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
2,4-Dichlorophenol	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
2,4-Dimethylphenol	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
2,4-Dinitrophenol	U	53.6	540	*	µg/Kg-dry	1	2/4/2014 9:36:00 PM
2,4-Dinitrotoluene	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
2,6-Dinitrotoluene	U	53.6	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
2-Chloronaphthalene	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
2-Chlorophenol	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
2-Methylnaphthalene	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
2-Methylphenol	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
2-Nitroaniline	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
2-Nitrophenol	U	53.6	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
3,3´-Dichlorobenzidine	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
3+4-Methylphenol	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
3-Nitroaniline	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
4,6-Dinitro-2-methylphenol	U	53.6	540		µg/Kg-dry	1	2/4/2014 9:36:00 PM
4-Bromophenyl phenyl ether	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
4-Chloro-3-methylphenol	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
4-Chloroaniline	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
4-Chlorophenyl phenyl ether	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
4-Nitroaniline	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
4-Nitrophenol	U	53.6	540		µg/Kg-dry	1	2/4/2014 9:36:00 PM

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Tel - (631) 454-6100 Fax - (631) 454-8027 www.american-analytical.com

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-6 (4-6)
Lab Order:	1401124	**Collection Date:**	1/30/2014 9:20:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-006B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Acenaphthene	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
Acenaphthylene	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
Acetophenone	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
Aniline	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
Anthracene	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
Atrazine	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
Azobenzene	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
Benzaldehyde	U	53.6	540		µg/Kg-dry	1	2/4/2014 9:36:00 PM
Benzidine	U	53.6	540		µg/Kg-dry	1	2/4/2014 9:36:00 PM
Benzo(a)anthracene	U	26.8	270	m	µg/Kg-dry	1	2/4/2014 9:36:00 PM
Benzo(a)pyrene	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
Benzo(b)fluoranthene	U	26.8	270	m	µg/Kg-dry	1	2/4/2014 9:36:00 PM
Benzo(g,h,i)perylene	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
Benzo(k)fluoranthene	U	26.8	270	m	µg/Kg-dry	1	2/4/2014 9:36:00 PM
Benzoic acid	U	53.6	540	*	µg/Kg-dry	1	2/4/2014 9:36:00 PM
Benzyl alcohol	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
Biphenyl	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
Bis(2-chloroethoxy)methane	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
Bis(2-chloroethyl)ether	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
Bis(2-chloroisopropyl)ether	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
Bis(2-ethylhexyl)phthalate	61	26.8	270	J	µg/Kg-dry	1	2/4/2014 9:36:00 PM
Butyl benzyl phthalate	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
Caprolactam	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
Carbazole	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
Chrysene	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
Dibenzo(a,h)anthracene	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
Dibenzofuran	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
Diethyl phthalate	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
Dimethyl phthalate	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
Di-n-butyl phthalate	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
Di-n-octyl phthalate	U	53.6	540		µg/Kg-dry	1	2/4/2014 9:36:00 PM
Fluoranthene	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
Fluorene	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-6 (4-6)
Lab Order:	1401124	**Collection Date:**	1/30/2014 9:20:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-006B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Hexachlorobenzene	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
Hexachlorobutadiene	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
Hexachlorocyclopentadiene	U	53.6	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
Hexachloroethane	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
Indeno(1,2,3-c,d)pyrene	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
Isophorone	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
Naphthalene	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
Nitrobenzene	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
N-Nitrosodimethylamine	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
N-Nitrosodi-n-propylamine	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
N-Nitrosodiphenylamine	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
Parathion	U	53.6	540		µg/Kg-dry	1	2/4/2014 9:36:00 PM
Pentachlorophenol	U	53.6	540	*	µg/Kg-dry	1	2/4/2014 9:36:00 PM
Phenanthrene	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
Phenol	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
Pyrene	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
Pyridine	U	26.8	270		µg/Kg-dry	1	2/4/2014 9:36:00 PM
Surr: 2,4,6-Tribromophenol	94.5	0	11-135		%REC	1	2/4/2014 9:36:00 PM
Surr: 2-Fluorobiphenyl	75.8	0	21-143		%REC	1	2/4/2014 9:36:00 PM
Surr: 2-Fluorophenol	94.8	0	14-122		%REC	1	2/4/2014 9:36:00 PM
Surr: 4-Terphenyl-d14	85.4	0	15-137		%REC	1	2/4/2014 9:36:00 PM
Surr: Nitrobenzene-d5	47.7	0	17-136		%REC	1	2/4/2014 9:36:00 PM
Surr: Phenol-d6	98.5	0	10-116		%REC	1	2/4/2014 9:36:00 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-7 (0-2)
Lab Order:	1401124	**Collection Date:**	1/30/2014 8:50:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-007A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
1,1,1,2-Tetrachloroethane	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
1,1,1-Trichloroethane	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
1,1,2,2-Tetrachloroethane	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
1,1,2-Trichloroethane	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
1,1-Dichloroethane	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
1,1-Dichloroethene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
1,1-Dichloropropene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
1,2,3-Trichlorobenzene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
1,2,3-Trichloropropane	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
1,2,4,5-Tetramethylbenzene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
1,2,4-Trichlorobenzene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
1,2,4-Trimethylbenzene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
1,2-Dibromo-3-chloropropane	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
1,2-Dibromoethane	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
1,2-Dichlorobenzene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
1,2-Dichloroethane	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
1,2-Dichloropropane	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
1,3,5-Trimethylbenzene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
1,3-Dichlorobenzene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
1,3-dichloropropane	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
1,4-Dichlorobenzene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
1,4-Dioxane	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
2,2-Dichloropropane	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
2-Butanone	U	5.73	11		µg/Kg-dry	1	1/31/2014 4:41:00 PM
2-Chloroethyl vinyl ether	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
2-Chlorotoluene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
2-Hexanone	U	5.73	11		µg/Kg-dry	1	1/31/2014 4:41:00 PM
2-Propanol	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
4-Chlorotoluene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
4-Isopropyltoluene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
4-Methyl-2-pentanone	U	5.73	11		µg/Kg-dry	1	1/31/2014 4:41:00 PM
Acetone	10	1.43	11	BJ*	µg/Kg-dry	1	1/31/2014 4:41:00 PM

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American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-7 (0-2)
Lab Order:	1401124	**Collection Date:**	1/30/2014 8:50:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-007A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
Benzene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
Bromobenzene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
Bromochloromethane	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
Bromodichloromethane	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
Bromoform	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
Bromomethane	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
Carbon disulfide	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
Carbon tetrachloride	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
Chlorobenzene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
Chlorodifluoromethane	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
Chloroethane	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
Chloroform	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
Chloromethane	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
cis-1,2-Dichloroethene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
cis-1,3-Dichloropropene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
Cyclohexane	U	2.29	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
Dibromochloromethane	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
Dibromomethane	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
Dichlorodifluoromethane	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
Diisopropyl ether	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
Ethanol	U	11.5	23		µg/Kg-dry	1	1/31/2014 4:41:00 PM
Ethylbenzene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
Freon-114	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
Hexachlorobutadiene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
Isopropylbenzene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
m,p-Xylene	U	2.29	11		µg/Kg-dry	1	1/31/2014 4:41:00 PM
Methyl Acetate	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
Methyl tert-butyl ether	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
Methylene chloride	11	1.15	5.7	B*	µg/Kg-dry	1	1/31/2014 4:41:00 PM
Naphthalene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
n-Butylbenzene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
n-Propylbenzene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
o-Xylene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, New York, Zip - 11735
Tel - (631) 454-6100 Fax - (631) 454-8027 www.american-analytical.com

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-7 (0-2)
Lab Order:	1401124	**Collection Date:**	1/30/2014 8:50:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-007A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
p-Diethylbenzene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
p-Ethyltoluene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
sec-Butylbenzene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
Styrene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
t-Butyl alcohol	U	2.87	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
tert-Butylbenzene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
Tetrachloroethene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
Toluene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
trans-1,2-Dichloroethene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
trans-1,3-Dichloropropene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
Trichloroethene	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
Trichlorofluoromethane	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
Vinyl acetate	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
Vinyl chloride	U	1.15	5.7		µg/Kg-dry	1	1/31/2014 4:41:00 PM
Surr: 4-Bromofluorobenzene	98.4	0	56-133		%REC	1	1/31/2014 4:41:00 PM
Surr: Dibromofluoromethane	100	0	60-132		%REC	1	1/31/2014 4:41:00 PM
Surr: Toluene-d8	100	0	69-125		%REC	1	1/31/2014 4:41:00 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-7 (0-2)
Lab Order:	1401124	**Collection Date:**	1/30/2014 8:50:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-007B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
MERCURY			**SW7471B**		**SW7471B**		Analyst: **JP**
Mercury	0.211	0.009	0.0137		mg/Kg-dry	1	2/6/2014 11:14:43 AM
PCB'S AS AROCLORS SW-846 METHOD 8082			**SW8082A**		**SW3546**		Analyst: **SB**
Aroclor 1016	U	11.5	23		µg/Kg-dry	1	2/11/2014 5:14:00 AM
Aroclor 1221	U	11.5	23		µg/Kg-dry	1	2/11/2014 5:14:00 AM
Aroclor 1232	U	11.5	23		µg/Kg-dry	1	2/11/2014 5:14:00 AM
Aroclor 1242	U	11.5	23		µg/Kg-dry	1	2/11/2014 5:14:00 AM
Aroclor 1248	U	11.5	23		µg/Kg-dry	1	2/11/2014 5:14:00 AM
Aroclor 1254	U	11.5	23		µg/Kg-dry	1	2/11/2014 5:14:00 AM
Aroclor 1260	U	11.5	23		µg/Kg-dry	1	2/11/2014 5:14:00 AM
Aroclor 1262	U	11.5	23		µg/Kg-dry	1	2/11/2014 5:14:00 AM
Aroclor 1268	U	11.5	23		µg/Kg-dry	1	2/11/2014 5:14:00 AM
Surr: DCB	34.1	0	12-144		%REC	1	2/11/2014 5:14:00 AM
Surr: TCX	65.9	0	13-145		%REC	1	2/11/2014 5:14:00 AM
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
4,4´-DDD	1.2	1.15	2.9	J	µg/Kg-dry	1	2/10/2014 7:41:00 PM
4,4´-DDE	U	1.15	2.9		µg/Kg-dry	1	2/10/2014 7:41:00 PM
4,4´-DDT	U	1.15	2.9		µg/Kg-dry	1	2/10/2014 7:41:00 PM
Aldrin	U	1.15	2.9		µg/Kg-dry	1	2/10/2014 7:41:00 PM
alpha-BHC	U	1.15	2.9		µg/Kg-dry	1	2/10/2014 7:41:00 PM
beta-BHC	U	1.15	2.9		µg/Kg-dry	1	2/10/2014 7:41:00 PM
Chlordane	U	11.5	23		µg/Kg-dry	1	2/10/2014 7:41:00 PM
Chlorobenzilate	U	1.15	2.9		µg/Kg-dry	1	2/10/2014 7:41:00 PM
DBCP	U	1.15	2.9		µg/Kg-dry	1	2/10/2014 7:41:00 PM
delta-BHC	U	1.15	2.9		µg/Kg-dry	1	2/10/2014 7:41:00 PM
Dieldrin	U	1.15	2.9		µg/Kg-dry	1	2/10/2014 7:41:00 PM
Endosulfan I	U	1.15	2.9		µg/Kg-dry	1	2/10/2014 7:41:00 PM
Endosulfan II	U	1.15	2.9		µg/Kg-dry	1	2/10/2014 7:41:00 PM
Endosulfan sulfate	U	1.15	2.9		µg/Kg-dry	1	2/10/2014 7:41:00 PM
Endrin	U	1.15	2.9		µg/Kg-dry	1	2/10/2014 7:41:00 PM
Endrin aldehyde	U	1.15	2.9		µg/Kg-dry	1	2/10/2014 7:41:00 PM
Endrin ketone	U	1.15	2.9		µg/Kg-dry	1	2/10/2014 7:41:00 PM
gamma-BHC	U	1.15	2.9		µg/Kg-dry	1	2/10/2014 7:41:00 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-7 (0-2)
Lab Order:	1401124	**Collection Date:**	1/30/2014 8:50:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-007B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
Heptachlor	U	1.15	2.9		µg/Kg-dry	1	2/10/2014 7:41:00 PM
Heptachlor epoxide	U	1.15	2.9		µg/Kg-dry	1	2/10/2014 7:41:00 PM
Hexachlorobenzene	U	1.15	2.9		µg/Kg-dry	1	2/10/2014 7:41:00 PM
Hexachlorocyclopentadiene	U	1.15	2.9		µg/Kg-dry	1	2/10/2014 7:41:00 PM
Methoxychlor	U	1.15	2.9		µg/Kg-dry	1	2/10/2014 7:41:00 PM
Toxaphene	U	14.3	29		µg/Kg-dry	1	2/10/2014 7:41:00 PM
Surr: DCB	52.7	0	16-148		%REC	1	2/10/2014 7:41:00 PM
Surr: TCX	63.5	0	19-145		%REC	1	2/10/2014 7:41:00 PM
PERCENT MOISTURE			**D2216**				Analyst: **CF**
Percent Moisture	13	1	1.0		wt%	1	2/5/2014
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Aluminum	11600	1.14	4.56		mg/Kg-dry	10	2/5/2014 2:21:30 PM
Antimony	U	0.23	0.570		mg/Kg-dry	1	2/5/2014 1:09:56 PM
Arsenic	6.69	0.23	0.570		mg/Kg-dry	1	2/5/2014 1:09:56 PM
Barium	116	0.23	0.456		mg/Kg-dry	1	2/5/2014 1:09:56 PM
Beryllium	U	0.11	0.456		mg/Kg-dry	1	2/5/2014 1:09:56 PM
Cadmium	0.410	0.11	0.456	J	mg/Kg-dry	1	2/5/2014 1:09:56 PM
Calcium	2890	0.23	0.570		mg/Kg-dry	1	2/5/2014 1:09:56 PM
Chromium	17.8	0.11	0.456		mg/Kg-dry	1	2/5/2014 1:09:56 PM
Cobalt	U	0.11	0.456		mg/Kg-dry	1	2/5/2014 1:09:56 PM
Copper	39.9	0.11	0.456		mg/Kg-dry	1	2/5/2014 1:09:56 PM
Iron	15100	2.28	4.56		mg/Kg-dry	10	2/5/2014 2:21:30 PM
Lead	194	0.23	0.456		mg/Kg-dry	1	2/5/2014 1:09:56 PM
Magnesium	2550	0.11	0.456		mg/Kg-dry	1	2/5/2014 1:09:56 PM
Manganese	347	0.11	0.456		mg/Kg-dry	1	2/5/2014 1:09:56 PM
Nickel	13.5	0.11	0.456		mg/Kg-dry	1	2/5/2014 1:09:56 PM
Potassium	728	0.23	0.570		mg/Kg-dry	1	2/5/2014 1:09:56 PM
Selenium	0.416	0.23	0.570	J	mg/Kg-dry	1	2/5/2014 1:09:56 PM
Silver	0.165	0.11	0.456	J	mg/Kg-dry	1	2/5/2014 1:09:56 PM
Sodium	121	0.23	0.570		mg/Kg-dry	1	2/5/2014 1:09:56 PM
Thallium	0.660	0.34	0.570		mg/Kg-dry	1	2/5/2014 1:09:56 PM
Vanadium	24.4	0.11	0.456		mg/Kg-dry	1	2/5/2014 1:09:56 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-7 (0-2)
Lab Order:	1401124	**Collection Date:**	1/30/2014 8:50:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-007B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Zinc	144	0.11	0.456		mg/Kg-dry	1	2/5/2014 1:09:56 PM
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
1,2,4-Trichlorobenzene	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
1,2-Dichlorobenzene	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
1,3-Dichlorobenzene	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
1,4-Dichlorobenzene	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
2,3,4,6-Tetrachlorophenol	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
2,4,5-Trichlorophenol	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
2,4,6-Trichlorophenol	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
2,4-Dichlorophenol	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
2,4-Dimethylphenol	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
2,4-Dinitrophenol	U	56.8	570	*	µg/Kg-dry	1	2/4/2014 9:59:00 PM
2,4-Dinitrotoluene	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
2,6-Dinitrotoluene	U	56.8	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
2-Chloronaphthalene	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
2-Chlorophenol	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
2-Methylnaphthalene	37	28.4	280	J	µg/Kg-dry	1	2/4/2014 9:59:00 PM
2-Methylphenol	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
2-Nitroaniline	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
2-Nitrophenol	U	56.8	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
3,3´-Dichlorobenzidine	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
3+4-Methylphenol	210	28.4	280	J	µg/Kg-dry	1	2/4/2014 9:59:00 PM
3-Nitroaniline	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
4,6-Dinitro-2-methylphenol	U	56.8	570		µg/Kg-dry	1	2/4/2014 9:59:00 PM
4-Bromophenyl phenyl ether	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
4-Chloro-3-methylphenol	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
4-Chloroaniline	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
4-Chlorophenyl phenyl ether	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
4-Nitroaniline	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
4-Nitrophenol	U	56.8	570		µg/Kg-dry	1	2/4/2014 9:59:00 PM
Acenaphthene	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
Acenaphthylene	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-7 (0-2)
Lab Order:	1401124	**Collection Date:**	1/30/2014 8:50:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-007B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Acetophenone	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
Aniline	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
Anthracene	45	28.4	280	Jm	µg/Kg-dry	1	2/4/2014 9:59:00 PM
Atrazine	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
Azobenzene	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
Benzaldehyde	U	56.8	570		µg/Kg-dry	1	2/4/2014 9:59:00 PM
Benzidine	U	56.8	570		µg/Kg-dry	1	2/4/2014 9:59:00 PM
Benzo(a)anthracene	190	28.4	280	Jm	µg/Kg-dry	1	2/4/2014 9:59:00 PM
Benzo(a)pyrene	160	28.4	280	J	µg/Kg-dry	1	2/4/2014 9:59:00 PM
Benzo(b)fluoranthene	190	28.4	280	J	µg/Kg-dry	1	2/4/2014 9:59:00 PM
Benzo(g,h,i)perylene	130	28.4	280	J	µg/Kg-dry	1	2/4/2014 9:59:00 PM
Benzo(k)fluoranthene	160	28.4	280	Jm	µg/Kg-dry	1	2/4/2014 9:59:00 PM
Benzoic acid	110	56.8	570	J*	µg/Kg-dry	1	2/4/2014 9:59:00 PM
Benzyl alcohol	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
Biphenyl	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
Bis(2-chloroethoxy)methane	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
Bis(2-chloroethyl)ether	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
Bis(2-chloroisopropyl)ether	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
Bis(2-ethylhexyl)phthalate	43	28.4	280	J	µg/Kg-dry	1	2/4/2014 9:59:00 PM
Butyl benzyl phthalate	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
Caprolactam	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
Carbazole	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
Chrysene	240	28.4	280	J	µg/Kg-dry	1	2/4/2014 9:59:00 PM
Dibenzo(a,h)anthracene	31	28.4	280	Jm	µg/Kg-dry	1	2/4/2014 9:59:00 PM
Dibenzofuran	29	28.4	280	J	µg/Kg-dry	1	2/4/2014 9:59:00 PM
Diethyl phthalate	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
Dimethyl phthalate	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
Di-n-butyl phthalate	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
Di-n-octyl phthalate	U	56.8	570		µg/Kg-dry	1	2/4/2014 9:59:00 PM
Fluoranthene	410	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
Fluorene	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
Hexachlorobenzene	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
Hexachlorobutadiene	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-7 (0-2)
Lab Order:	1401124	**Collection Date:**	1/30/2014 8:50:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-007B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Hexachlorocyclopentadiene	U	56.8	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
Hexachloroethane	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
Indeno(1,2,3-c,d)pyrene	150	28.4	280	J	µg/Kg-dry	1	2/4/2014 9:59:00 PM
Isophorone	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
Naphthalene	92	28.4	280	J	µg/Kg-dry	1	2/4/2014 9:59:00 PM
Nitrobenzene	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
N-Nitrosodimethylamine	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
N-Nitrosodi-n-propylamine	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
N-Nitrosodiphenylamine	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
Parathion	U	56.8	570		µg/Kg-dry	1	2/4/2014 9:59:00 PM
Pentachlorophenol	U	56.8	570	*	µg/Kg-dry	1	2/4/2014 9:59:00 PM
Phenanthrene	240	28.4	280	Jm	µg/Kg-dry	1	2/4/2014 9:59:00 PM
Phenol	67	28.4	280	J	µg/Kg-dry	1	2/4/2014 9:59:00 PM
Pyrene	360	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
Pyridine	U	28.4	280		µg/Kg-dry	1	2/4/2014 9:59:00 PM
Surr: 2,4,6-Tribromophenol	50.0	0	11-135		%REC	1	2/4/2014 9:59:00 PM
Surr: 2-Fluorobiphenyl	63.4	0	21-143		%REC	1	2/4/2014 9:59:00 PM
Surr: 2-Fluorophenol	76.2	0	14-122		%REC	1	2/4/2014 9:59:00 PM
Surr: 4-Terphenyl-d14	58.9	0	15-137		%REC	1	2/4/2014 9:59:00 PM
Surr: Nitrobenzene-d5	15.7	0	17-136	S	%REC	1	2/4/2014 9:59:00 PM
Surr: Phenol-d6	71.6	0	10-116		%REC	1	2/4/2014 9:59:00 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-7 (3-5)
Lab Order:	1401124	**Collection Date:**	1/30/2014 8:53:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-008A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
1,1,1,2-Tetrachloroethane	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
1,1,1-Trichloroethane	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
1,1,2,2-Tetrachloroethane	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
1,1,2-Trichloroethane	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
1,1-Dichloroethane	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
1,1-Dichloroethene	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
1,1-Dichloropropene	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
1,2,3-Trichlorobenzene	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
1,2,3-Trichloropropane	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
1,2,4,5-Tetramethylbenzene	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
1,2,4-Trichlorobenzene	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
1,2,4-Trimethylbenzene	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
1,2-Dibromo-3-chloropropane	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
1,2-Dibromoethane	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
1,2-Dichlorobenzene	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
1,2-Dichloroethane	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
1,2-Dichloropropane	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
1,3,5-Trimethylbenzene	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
1,3-Dichlorobenzene	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
1,3-dichloropropane	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
1,4-Dichlorobenzene	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
1,4-Dioxane	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
2,2-Dichloropropane	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
2-Butanone	U	5.15	10		µg/Kg-dry	1	1/31/2014 5:09:00 PM
2-Chloroethyl vinyl ether	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
2-Chlorotoluene	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
2-Hexanone	U	5.15	10		µg/Kg-dry	1	1/31/2014 5:09:00 PM
2-Propanol	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
4-Chlorotoluene	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
4-Isopropyltoluene	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
4-Methyl-2-pentanone	U	5.15	10		µg/Kg-dry	1	1/31/2014 5:09:00 PM
Acetone	5.5	1.29	10	BJ*	µg/Kg-dry	1	1/31/2014 5:09:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, New York, Zip - 11735
Tel - (631) 454-6100 Fax - (631) 454-8027 www.american-analytical.com

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-7 (3-5)
Lab Order:	1401124	**Collection Date:**	1/30/2014 8:53:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-008A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
Benzene	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
Bromobenzene	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
Bromochloromethane	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
Bromodichloromethane	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
Bromoform	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
Bromomethane	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
Carbon disulfide	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
Carbon tetrachloride	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
Chlorobenzene	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
Chlorodifluoromethane	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
Chloroethane	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
Chloroform	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
Chloromethane	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
cis-1,2-Dichloroethene	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
cis-1,3-Dichloropropene	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
Cyclohexane	U	2.06	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
Dibromochloromethane	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
Dibromomethane	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
Dichlorodifluoromethane	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
Diisopropyl ether	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
Ethanol	U	10.3	21		µg/Kg-dry	1	1/31/2014 5:09:00 PM
Ethylbenzene	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
Freon-114	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
Hexachlorobutadiene	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
Isopropylbenzene	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
m,p-Xylene	U	2.06	10		µg/Kg-dry	1	1/31/2014 5:09:00 PM
Methyl Acetate	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
Methyl tert-butyl ether	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
Methylene chloride	8.9	1.03	5.1	B*	µg/Kg-dry	1	1/31/2014 5:09:00 PM
Naphthalene	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
n-Butylbenzene	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
n-Propylbenzene	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
o-Xylene	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM

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American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-7 (3-5)
Lab Order:	1401124	**Collection Date:**	1/30/2014 8:53:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-008A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
p-Diethylbenzene	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
p-Ethyltoluene	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
sec-Butylbenzene	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
Styrene	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
t-Butyl alcohol	U	2.57	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
tert-Butylbenzene	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
Tetrachloroethene	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
Toluene	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
trans-1,2-Dichloroethene	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
trans-1,3-Dichloropropene	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
Trichloroethene	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
Trichlorofluoromethane	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
Vinyl acetate	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
Vinyl chloride	U	1.03	5.1		µg/Kg-dry	1	1/31/2014 5:09:00 PM
Surr: 4-Bromofluorobenzene	97.3	0	56-133		%REC	1	1/31/2014 5:09:00 PM
Surr: Dibromofluoromethane	103	0	60-132		%REC	1	1/31/2014 5:09:00 PM
Surr: Toluene-d8	101	0	69-125		%REC	1	1/31/2014 5:09:00 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-7 (3-5)
Lab Order:	1401124	**Collection Date:**	1/30/2014 8:53:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-008B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
MERCURY			**SW7471B**		**SW7471B**		Analyst: **JP**
Mercury	0.00803	0.008	0.0120	J	mg/Kg-dry	1	2/6/2014 11:16:52 AM
PCB'S AS AROCLORS SW-846 METHOD 8082			**SW8082A**		**SW3546**		Analyst: **SB**
Aroclor 1016	U	10.1	20		µg/Kg-dry	1	2/11/2014 5:38:00 AM
Aroclor 1221	U	10.1	20		µg/Kg-dry	1	2/11/2014 5:38:00 AM
Aroclor 1232	U	10.1	20		µg/Kg-dry	1	2/11/2014 5:38:00 AM
Aroclor 1242	U	10.1	20		µg/Kg-dry	1	2/11/2014 5:38:00 AM
Aroclor 1248	U	10.1	20		µg/Kg-dry	1	2/11/2014 5:38:00 AM
Aroclor 1254	U	10.1	20		µg/Kg-dry	1	2/11/2014 5:38:00 AM
Aroclor 1260	U	10.1	20		µg/Kg-dry	1	2/11/2014 5:38:00 AM
Aroclor 1262	U	10.1	20		µg/Kg-dry	1	2/11/2014 5:38:00 AM
Aroclor 1268	U	10.1	20		µg/Kg-dry	1	2/11/2014 5:38:00 AM
Surr: DCB	11.2	0	12-144	S	%REC	1	2/11/2014 5:38:00 AM
Surr: TCX	55.7	0	13-145		%REC	1	2/11/2014 5:38:00 AM
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
4,4´-DDD	U	1.01	2.5		µg/Kg-dry	1	2/10/2014 7:56:00 PM
4,4´-DDE	U	1.01	2.5		µg/Kg-dry	1	2/10/2014 7:56:00 PM
4,4´-DDT	U	1.01	2.5		µg/Kg-dry	1	2/10/2014 7:56:00 PM
Aldrin	U	1.01	2.5		µg/Kg-dry	1	2/10/2014 7:56:00 PM
alpha-BHC	U	1.01	2.5		µg/Kg-dry	1	2/10/2014 7:56:00 PM
beta-BHC	U	1.01	2.5		µg/Kg-dry	1	2/10/2014 7:56:00 PM
Chlordane	U	10.1	20		µg/Kg-dry	1	2/10/2014 7:56:00 PM
Chlorobenzilate	U	1.01	2.5		µg/Kg-dry	1	2/10/2014 7:56:00 PM
DBCP	U	1.01	2.5		µg/Kg-dry	1	2/10/2014 7:56:00 PM
delta-BHC	U	1.01	2.5		µg/Kg-dry	1	2/10/2014 7:56:00 PM
Dieldrin	U	1.01	2.5		µg/Kg-dry	1	2/10/2014 7:56:00 PM
Endosulfan I	U	1.01	2.5		µg/Kg-dry	1	2/10/2014 7:56:00 PM
Endosulfan II	U	1.01	2.5		µg/Kg-dry	1	2/10/2014 7:56:00 PM
Endosulfan sulfate	U	1.01	2.5		µg/Kg-dry	1	2/10/2014 7:56:00 PM
Endrin	U	1.01	2.5		µg/Kg-dry	1	2/10/2014 7:56:00 PM
Endrin aldehyde	U	1.01	2.5		µg/Kg-dry	1	2/10/2014 7:56:00 PM
Endrin ketone	U	1.01	2.5		µg/Kg-dry	1	2/10/2014 7:56:00 PM
gamma-BHC	U	1.01	2.5		µg/Kg-dry	1	2/10/2014 7:56:00 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-7 (3-5)
Lab Order:	1401124	**Collection Date:**	1/30/2014 8:53:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-008B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
Heptachlor	U	1.01	2.5		µg/Kg-dry	1	2/10/2014 7:56:00 PM
Heptachlor epoxide	U	1.01	2.5		µg/Kg-dry	1	2/10/2014 7:56:00 PM
Hexachlorobenzene	U	1.01	2.5		µg/Kg-dry	1	2/10/2014 7:56:00 PM
Hexachlorocyclopentadiene	U	1.01	2.5		µg/Kg-dry	1	2/10/2014 7:56:00 PM
Methoxychlor	U	1.01	2.5		µg/Kg-dry	1	2/10/2014 7:56:00 PM
Toxaphene	U	12.7	25		µg/Kg-dry	1	2/10/2014 7:56:00 PM
Surr: DCB	54.1	0	16-148		%REC	1	2/10/2014 7:56:00 PM
Surr: TCX	45.0	0	19-145		%REC	1	2/10/2014 7:56:00 PM
PERCENT MOISTURE			**D2216**				Analyst: **CF**
Percent Moisture	3.3	1	1.0		wt%	1	2/5/2014
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Aluminum	3000	0.10	0.405		mg/Kg-dry	1	2/5/2014 1:15:52 PM
Antimony	U	0.20	0.507		mg/Kg-dry	1	2/5/2014 1:15:52 PM
Arsenic	1.16	0.20	0.507		mg/Kg-dry	1	2/5/2014 1:15:52 PM
Barium	13.4	0.20	0.405		mg/Kg-dry	1	2/5/2014 1:15:52 PM
Beryllium	U	0.10	0.405		mg/Kg-dry	1	2/5/2014 1:15:52 PM
Cadmium	U	0.10	0.405		mg/Kg-dry	1	2/5/2014 1:15:52 PM
Calcium	249	0.20	0.507		mg/Kg-dry	1	2/5/2014 1:15:52 PM
Chromium	8.53	0.10	0.405		mg/Kg-dry	1	2/5/2014 1:15:52 PM
Cobalt	U	0.10	0.405		mg/Kg-dry	1	2/5/2014 1:15:52 PM
Copper	6.88	0.10	0.405		mg/Kg-dry	1	2/5/2014 1:15:52 PM
Iron	10200	2.03	4.05		mg/Kg-dry	10	2/5/2014 2:38:31 PM
Lead	4.50	0.20	0.405		mg/Kg-dry	1	2/5/2014 1:15:52 PM
Magnesium	869	0.10	0.405		mg/Kg-dry	1	2/5/2014 1:15:52 PM
Manganese	181	0.10	0.405		mg/Kg-dry	1	2/5/2014 1:15:52 PM
Nickel	6.31	0.10	0.405		mg/Kg-dry	1	2/5/2014 1:15:52 PM
Potassium	346	0.20	0.507		mg/Kg-dry	1	2/5/2014 1:15:52 PM
Selenium	U	0.20	0.507		mg/Kg-dry	1	2/5/2014 1:15:52 PM
Silver	U	0.10	0.405		mg/Kg-dry	1	2/5/2014 1:15:52 PM
Sodium	23.4	0.20	0.507		mg/Kg-dry	1	2/5/2014 1:15:52 PM
Thallium	0.434	0.30	0.507	J	mg/Kg-dry	1	2/5/2014 1:15:52 PM
Vanadium	12.4	0.10	0.405		mg/Kg-dry	1	2/5/2014 1:15:52 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-7 (3-5)
Lab Order:	1401124	**Collection Date:**	1/30/2014 8:53:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-008B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Zinc	11.5	0.10	0.405		mg/Kg-dry	1	2/5/2014 1:15:52 PM
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
1,2,4-Trichlorobenzene	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
1,2-Dichlorobenzene	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
1,3-Dichlorobenzene	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
1,4-Dichlorobenzene	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
2,3,4,6-Tetrachlorophenol	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
2,4,5-Trichlorophenol	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
2,4,6-Trichlorophenol	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
2,4-Dichlorophenol	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
2,4-Dimethylphenol	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
2,4-Dinitrophenol	U	51.3	510	*	µg/Kg-dry	1	2/4/2014 10:22:00 PM
2,4-Dinitrotoluene	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
2,6-Dinitrotoluene	U	51.3	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
2-Chloronaphthalene	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
2-Chlorophenol	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
2-Methylnaphthalene	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
2-Methylphenol	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
2-Nitroaniline	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
2-Nitrophenol	U	51.3	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
3,3´-Dichlorobenzidine	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
3+4-Methylphenol	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
3-Nitroaniline	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
4,6-Dinitro-2-methylphenol	U	51.3	510		µg/Kg-dry	1	2/4/2014 10:22:00 PM
4-Bromophenyl phenyl ether	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
4-Chloro-3-methylphenol	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
4-Chloroaniline	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
4-Chlorophenyl phenyl ether	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
4-Nitroaniline	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
4-Nitrophenol	U	51.3	510		µg/Kg-dry	1	2/4/2014 10:22:00 PM
Acenaphthene	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
Acenaphthylene	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-7 (3-5)
Lab Order:	1401124	**Collection Date:**	1/30/2014 8:53:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-008B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Acetophenone	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
Aniline	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
Anthracene	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
Atrazine	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
Azobenzene	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
Benzaldehyde	U	51.3	510		µg/Kg-dry	1	2/4/2014 10:22:00 PM
Benzidine	U	51.3	510		µg/Kg-dry	1	2/4/2014 10:22:00 PM
Benzo(a)anthracene	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
Benzo(a)pyrene	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
Benzo(b)fluoranthene	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
Benzo(g,h,i)perylene	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
Benzo(k)fluoranthene	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
Benzoic acid	U	51.3	510	*	µg/Kg-dry	1	2/4/2014 10:22:00 PM
Benzyl alcohol	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
Biphenyl	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
Bis(2-chloroethoxy)methane	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
Bis(2-chloroethyl)ether	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
Bis(2-chloroisopropyl)ether	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
Bis(2-ethylhexyl)phthalate	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
Butyl benzyl phthalate	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
Caprolactam	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
Carbazole	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
Chrysene	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
Dibenzo(a,h)anthracene	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
Dibenzofuran	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
Diethyl phthalate	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
Dimethyl phthalate	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
Di-n-butyl phthalate	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
Di-n-octyl phthalate	U	51.3	510		µg/Kg-dry	1	2/4/2014 10:22:00 PM
Fluoranthene	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
Fluorene	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
Hexachlorobenzene	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
Hexachlorobutadiene	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM

American Analytical Laboratories, LLC.

Date: *11-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-7 (3-5)
Lab Order:	1401124	**Collection Date:**	1/30/2014 8:53:00 AM
Project:	Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa	**Matrix:**	SOIL
Lab ID:	1401124-008B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Hexachlorocyclopentadiene	U	51.3	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
Hexachloroethane	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
Indeno(1,2,3-c,d)pyrene	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
Isophorone	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
Naphthalene	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
Nitrobenzene	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
N-Nitrosodimethylamine	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
N-Nitrosodi-n-propylamine	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
N-Nitrosodiphenylamine	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
Parathion	U	51.3	510		µg/Kg-dry	1	2/4/2014 10:22:00 PM
Pentachlorophenol	U	51.3	510	*	µg/Kg-dry	1	2/4/2014 10:22:00 PM
Phenanthrene	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
Phenol	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
Pyrene	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
Pyridine	U	25.7	260		µg/Kg-dry	1	2/4/2014 10:22:00 PM
Surr: 2,4,6-Tribromophenol	107	0	11-135		%REC	1	2/4/2014 10:22:00 PM
Surr: 2-Fluorobiphenyl	86.4	0	21-143		%REC	1	2/4/2014 10:22:00 PM
Surr: 2-Fluorophenol	107	0	14-122		%REC	1	2/4/2014 10:22:00 PM
Surr: 4-Terphenyl-d14	89.6	0	15-137		%REC	1	2/4/2014 10:22:00 PM
Surr: Nitrobenzene-d5	87.1	0	17-136		%REC	1	2/4/2014 10:22:00 PM
Surr: Phenol-d6	107	0	10-116		%REC	1	2/4/2014 10:22:00 PM

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Website: www.American-Analytical.com

QC SUMMARY REPORT

WO#: **1401124**

11-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa

TestCode: **8081_S**

Sample ID	**MB-267**	SampType:	**MBLK**	TestCode:	**8081_S**	Units:	**µg/Kg**	Prep Date:	**2/7/2014**	RunNo:	**422**
Client ID:	**PBS**	Batch ID:	**267**	TestNo:	**SW8081B**	**SW3546**		Analysis Date:	**2/10/2014**	SeqNo:	**7203**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	U	2.4									
4,4´-DDE	U	2.4									
4,4´-DDT	U	2.4									
Aldrin	U	2.4									
alpha-BHC	U	2.4									
beta-BHC	U	2.4									
Chlordane	U	19									
Chlorobenzilate	U	2.4									
DBCP	U	2.4									
delta-BHC	U	2.4									
Dieldrin	U	2.4									
Endosulfan I	U	2.4									
Endosulfan II	U	2.4									
Endosulfan sulfate	U	2.4									
Endrin	U	2.4									
Endrin aldehyde	U	2.4									
Endrin ketone	U	2.4									
gamma-BHC	U	2.4									
Heptachlor	U	2.4									
Heptachlor epoxide	U	2.4									
Hexachlorobenzene	U	2.4									
Hexachlorocyclopentadiene	U	2.4									
Methoxychlor	U	2.4									
Toxaphene	U	24									
Surr: DCB	22		24.22		88.9	16	148				
Surr: TCX	22		24.22		89.4	19	145				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1401124**

11-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa

TestCode: **8081_S**

Sample ID	**MB-267**	SampType:	**MBLK**	TestCode:	**8081_S**	Units:	**µg/Kg**	Prep Date:	**2/7/2014**	RunNo:	**422**
Client ID:	**PBS**	Batch ID:	**267**	TestNo:	**SW8081B**	**SW3546**		Analysis Date:	**2/10/2014**	SeqNo:	**7203**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID	**LCS-267**	SampType:	**LCS**	TestCode:	**8081_S**	Units:	**µg/Kg**	Prep Date:	**2/7/2014**	RunNo:	**422**
Client ID:	**LCSS**	Batch ID:	**267**	TestNo:	**SW8081B**	**SW3546**		Analysis Date:	**2/10/2014**	SeqNo:	**7204**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	8.0	2.4	9.770	0	82.2	23	144				
4,4´-DDE	7.6	2.4	9.770	0	77.4	27	146				
4,4´-DDT	8.0	2.4	9.770	0	82.1	24	148				
Aldrin	8.0	2.4	9.770	0	81.7	28	144				
alpha-BHC	6.4	2.4	9.770	0	65.5	28	142				
beta-BHC	7.4	2.4	9.770	0	75.4	27	147				
delta-BHC	4.4	2.4	9.770	0	44.7	20	138				
Dieldrin	8.3	2.4	9.770	0	85.1	30	141				
Endosulfan I	7.4	2.4	9.770	0	75.9	23	137				
Endosulfan II	7.6	2.4	9.770	0	77.5	20	139				
Endosulfan sulfate	8.1	2.4	9.770	0	83.4	27	146				
Endrin	7.4	2.4	9.770	0	75.7	24	148				
Endrin aldehyde	10	2.4	9.770	0	104	24	147				
Endrin ketone	8.2	2.4	9.770	0	84.3	21	145				
gamma-BHC	7.1	2.4	9.770	0	72.6	21	149				
Heptachlor	8.7	2.4	9.770	0	89.0	20	149				
Heptachlor epoxide	8.9	2.4	9.770	0	91.0	21	149				
Methoxychlor	9.1	2.4	9.770	0	93.1	29	147				
Surr: DCB	21		24.43		86.3	16	148				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1401124**

11-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa

TestCode: **8081_S**

Sample ID	**LCS-267**	SampType:	**LCS**	TestCode:	**8081_S**	Units:	**µg/Kg**	Prep Date:	**2/7/2014**	RunNo:	**422**		
Client ID:	**LCSS**	Batch ID:	**267**	TestNo:	**SW8081B**	**SW3546**		Analysis Date:	**2/10/2014**	SeqNo:	**7204**		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: TCX		18			24.43		73.2	19	145				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1401124**

11-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa

TestCode: **8082_S**

Sample ID **MB-265** SampType: **MBLK** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/7/2014** RunNo: **423**

Client ID: **PBS** Batch ID: **265** TestNo: **SW8082A** **SW3546** Analysis Date: **2/11/2014** SeqNo: **7224**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	U	19									
Aroclor 1221	U	19									
Aroclor 1232	U	19									
Aroclor 1242	U	19									
Aroclor 1248	U	19									
Aroclor 1254	U	19									
Aroclor 1260	U	19									
Aroclor 1262	U	19									
Aroclor 1268	U	19									
Surr: DCB	10		24.25		43.3	12	144				
Surr: TCX	20		24.25		83.3	13	145				

Sample ID **LCS-265** SampType: **LCS** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/7/2014** RunNo: **423**

Client ID: **LCSS** Batch ID: **265** TestNo: **SW8082A** **SW3546** Analysis Date: **2/11/2014** SeqNo: **7225**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1248	170	20	244.7	0	69.6	35	135				
Surr: DCB	12		24.47		50.2	12	144				
Surr: TCX	17		24.47		67.7	13	145				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1401124**

11-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa

TestCode: **8260_S**

Sample ID **LCS-213** SampType: **LCS** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **1/31/2014** RunNo: **366**

Client ID: **LCSS** Batch ID: **213b** TestNo: **SW8260C** Analysis Date: **1/31/2014** SeqNo: **6404**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	42	5.0	50.00	0	84.8	40	125				
1,1,2,2-Tetrachloroethane	40	5.0	50.00	0	80.9	35	139				
1,1,2-Trichloroethane	41	5.0	50.00	0	82.9	40	124				
1,1-Dichloroethane	40	5.0	50.00	0	80.5	33	134				
1,1-Dichloroethene	43	5.0	50.00	0	86.8	30	141				
1,2-Dichlorobenzene	39	5.0	50.00	0	78.0	33	126				
1,2-Dichloroethane	41	5.0	50.00	0	82.1	36	131				
1,2-Dichloropropane	40	5.0	50.00	0	79.8	38	131				
1,3-Dichlorobenzene	40	5.0	50.00	0	80.1	31	130				
1,4-Dichlorobenzene	40	5.0	50.00	0	79.8	33	121				
1,4-Dioxane	U	5.0	50.00	0	0	40	120				S
2-Chloroethyl vinyl ether	31	5.0	50.00	0	61.6	36	138				
Benzene	40	5.0	50.00	0	79.8	36	126				
Bromodichloromethane	40	5.0	50.00	0	79.6	38	125				
Bromoform	41	5.0	50.00	0	81.8	36	131				
Bromomethane	36	5.0	50.00	0	72.6	23	135				
Carbon tetrachloride	44	5.0	50.00	0	87.2	37	130				
Chlorobenzene	40	5.0	50.00	0	80.3	41	123				
Chloroethane	54	5.0	50.00	0	109	20	128				
Chloroform	41	5.0	50.00	0	82.8	39	125				
Chloromethane	65	5.0	50.00	0	130	33	143				
cis-1,3-Dichloropropene	38	5.0	50.00	0	75.8	34	125				
Dibromochloromethane	44	5.0	50.00	0	87.3	36	125				
Ethylbenzene	40	5.0	50.00	0	80.1	42	124				
Methylene chloride	23	5.0	50.00	0	45.4	33	135				B*
Tetrachloroethene	35	5.0	50.00	0	70.2	30	121				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1401124**

11-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa

TestCode: **8260_S**

Sample ID **LCS-213** SampType: **LCS** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **1/31/2014** RunNo: **366**

Client ID: **LCSS** Batch ID: **213b** TestNo: **SW8260C** Analysis Date: **1/31/2014** SeqNo: **6404**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	41	5.0	50.00	0	82.2	43	121				
trans-1,2-Dichloroethene	41	5.0	50.00	0	82.2	32	124				
trans-1,3-Dichloropropene	41	5.0	50.00	0	81.4	33	120				
Trichloroethene	42	5.0	50.00	0	83.9	40	124				
Trichlorofluoromethane	64	5.0	50.00	0	127	35	140				
Vinyl chloride	72	5.0	50.00	0	144	40	146				
Surr: 4-Bromofluorobenzene	50		50.00		101	56	133				
Surr: Dibromofluoromethane	51		50.00		102	60	132				
Surr: Toluene-d8	51		50.00		102	69	125				

Sample ID **MB-213** SampType: **MBLK** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **1/31/2014** RunNo: **366**

Client ID: **PBS** Batch ID: **213b** TestNo: **SW8260C** Analysis Date: **1/31/2014** SeqNo: **6405**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	U	5.0									
1,1,1-Trichloroethane	U	5.0									
1,1,2,2-Tetrachloroethane	U	5.0									
1,1,2-Trichloro-1,2,2-trifluoroethane	U	5.0									
1,1,2-Trichloroethane	U	5.0									
1,1-Dichloroethane	U	5.0									
1,1-Dichloroethene	U	5.0									
1,1-Dichloropropene	U	5.0									
1,2,3-Trichlorobenzene	U	5.0									
1,2,3-Trichloropropane	U	5.0									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1401124**

11-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa

TestCode: **8260_S**

Sample ID	**MB-213**	SampType:	**MBLK**	TestCode:	**8260_S**	Units:	**µg/Kg**	Prep Date:	**1/31/2014**	RunNo:	**366**
Client ID:	**PBS**	Batch ID:	**213b**	TestNo:	**SW8260C**			Analysis Date:	**1/31/2014**	SeqNo:	**6405**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4,5-Tetramethylbenzene	U	5.0									
1,2,4-Trichlorobenzene	U	5.0									
1,2,4-Trimethylbenzene	U	5.0									
1,2-Dibromo-3-chloropropane	U	5.0									
1,2-Dibromoethane	U	5.0									
1,2-Dichlorobenzene	U	5.0									
1,2-Dichloroethane	U	5.0									
1,2-Dichloropropane	U	5.0									
1,3,5-Trimethylbenzene	U	5.0									
1,3-Dichlorobenzene	U	5.0									
1,3-dichloropropane	U	5.0									
1,4-Dichlorobenzene	U	5.0									
1,4-Dioxane	U	5.0									
2,2-Dichloropropane	U	5.0									
2-Butanone	U	10									
2-Chloroethyl vinyl ether	U	5.0									
2-Chlorotoluene	U	5.0									
2-Hexanone	U	10									
2-Propanol	U	5.0									
4-Chlorotoluene	U	5.0									
4-Isopropyltoluene	U	5.0									
4-Methyl-2-pentanone	U	10									
Acetone	15	10									*
Benzene	U	5.0									
Bromobenzene	U	5.0									
Bromochloromethane	U	5.0									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1401124**

11-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa

TestCode: **8260_S**

Sample ID **MB-213** SampType: **MBLK** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **1/31/2014** RunNo: **366**

Client ID: **PBS** Batch ID: **213b** TestNo: **SW8260C** Analysis Date: **1/31/2014** SeqNo: **6405**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromodichloromethane	U	5.0									
Bromoform	U	5.0									
Bromomethane	U	5.0									
Carbon disulfide	U	5.0									
Carbon tetrachloride	U	5.0									
Chlorobenzene	U	5.0									
Chlorodifluoromethane	U	5.0									
Chloroethane	U	5.0									
Chloroform	U	5.0									
Chloromethane	U	5.0									
cis-1,2-Dichloroethene	U	5.0									
cis-1,3-Dichloropropene	U	5.0									
Cyclohexane	U	5.0									
Dibromochloromethane	U	5.0									
Dibromomethane	U	5.0									
Dichlorodifluoromethane	U	5.0									
Diisopropyl ether	U	5.0									
Ethanol	U	20									
Ethylbenzene	U	5.0									
Freon-114	U	5.0									
Hexachlorobutadiene	U	5.0									
Isopropylbenzene	U	5.0									
m,p-Xylene	U	10									
Methyl Acetate	U	5.0									
Methyl tert-butyl ether	U	5.0									
Methylene chloride	8.1	5.0									*

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401124**

11-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa

TestCode: **8260_S**

Sample ID **MB-213** SampType: **MBLK** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **1/31/2014** RunNo: **366**

Client ID: **PBS** Batch ID: **213b** TestNo: **SW8260C** Analysis Date: **1/31/2014** SeqNo: **6405**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	U	5.0									
n-Butylbenzene	U	5.0									
n-Propylbenzene	U	5.0									
o-Xylene	U	5.0									
p-Diethylbenzene	U	5.0									
p-Ethyltoluene	U	5.0									
sec-Butylbenzene	U	5.0									
Styrene	U	5.0									
t-Butyl alcohol	U	5.0									
tert-Butylbenzene	U	5.0									
Tetrachloroethene	U	5.0									
Toluene	U	5.0									
trans-1,2-Dichloroethene	U	5.0									
trans-1,3-Dichloropropene	U	5.0									
Trichloroethene	U	5.0									
Trichlorofluoromethane	U	5.0									
Vinyl acetate	U	5.0									
Vinyl chloride	U	5.0									
Surr: 4-Bromofluorobenzene	49		50.00		98.9	56	133				
Surr: Dibromofluoromethane	51		50.00		103	60	132				
Surr: Toluene-d8	50		50.00		99.7	69	125				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401124**

11-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa

TestCode: **8270_S**

Sample ID	**MB-228**	SampType:	**MBLK**	TestCode:	**8270_S**	Units:	**µg/Kg**	Prep Date:	**2/4/2014**	RunNo:	**320**		
Client ID:	**PBS**	Batch ID:	**228**	TestNo:	**SW8270D**	**SW3546**		Analysis Date:	**2/4/2014**	SeqNo:	**6183**		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	U	250									
1,2-Dichlorobenzene	U	250									
1,3-Dichlorobenzene	U	250									
1,4-Dichlorobenzene	U	250									
2,3,4,6-Tetrachlorophenol	U	250									
2,4,5-Trichlorophenol	U	250									
2,4,6-Trichlorophenol	U	250									
2,4-Dichlorophenol	U	250									
2,4-Dimethylphenol	U	250									
2,4-Dinitrophenol	U	500									
2,4-Dinitrotoluene	U	250									
2,6-Dinitrotoluene	U	250									
2-Chloronaphthalene	U	250									
2-Chlorophenol	U	250									
2-Methylnaphthalene	U	250									
2-Methylphenol	U	250									
2-Nitroaniline	U	250									
2-Nitrophenol	U	250									
3,3´-Dichlorobenzidine	U	250									
3+4-Methylphenol	U	250									
3-Nitroaniline	U	250									
4,6-Dinitro-2-methylphenol	U	500									
4-Bromophenyl phenyl ether	U	250									
4-Chloro-3-methylphenol	U	250									
4-Chloroaniline	U	250									
4-Chlorophenyl phenyl ether	U	250									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401124**

11-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa

TestCode: **8270_S**

Sample ID	**MB-228**	SampType:	**MBLK**	TestCode:	**8270_S**	Units:	**µg/Kg**	Prep Date:	**2/4/2014**	RunNo:	**320**		
Client ID:	**PBS**	Batch ID:	**228**	TestNo:	**SW8270D**	**SW3546**		Analysis Date:	**2/4/2014**	SeqNo:	**6183**		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Nitroaniline	U	250									
4-Nitrophenol	U	500									
Acenaphthene	U	250									
Acenaphthylene	U	250									
Acetophenone	U	250									
Aniline	U	250									
Anthracene	U	250									
Atrazine	U	250									
Azobenzene	U	250									
Benzaldehyde	U	500									
Benzidine	U	500									
Benzo(a)anthracene	U	250									
Benzo(a)pyrene	U	250									
Benzo(b)fluoranthene	U	250									
Benzo(g,h,i)perylene	U	250									
Benzo(k)fluoranthene	U	250									
Benzoic acid	U	500									
Benzyl alcohol	U	250									
Biphenyl	U	250									
Bis(2-chloroethoxy)methane	U	250									
Bis(2-chloroethyl)ether	U	250									
Bis(2-chloroisopropyl)ether	U	250									
Bis(2-ethylhexyl)phthalate	U	250									
Butyl benzyl phthalate	U	250									
Caprolactam	U	250									
Carbazole	U	250									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401124**

11-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa

TestCode: **8270_S**

Sample ID	**MB-228**	SampType:	**MBLK**	TestCode:	**8270_S**	Units:	**µg/Kg**	Prep Date:	**2/4/2014**	RunNo:	**320**		
Client ID:	**PBS**	Batch ID:	**228**	TestNo:	**SW8270D**	**SW3546**		Analysis Date:	**2/4/2014**	SeqNo:	**6183**		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chrysene	U	250									
Dibenzo(a,h)anthracene	U	250									
Dibenzofuran	U	250									
Diethyl phthalate	U	250									
Dimethyl phthalate	U	250									
Di-n-butyl phthalate	U	250									
Di-n-octyl phthalate	U	500									
Fluoranthene	U	250									
Fluorene	U	250									
Hexachlorobenzene	U	250									
Hexachlorobutadiene	U	250									
Hexachlorocyclopentadiene	U	250									
Hexachloroethane	U	250									
Indeno(1,2,3-c,d)pyrene	U	250									
Isophorone	U	250									
Naphthalene	U	250									
Nitrobenzene	U	250									
N-Nitrosodimethylamine	U	250									
N-Nitrosodi-n-propylamine	U	250									
N-Nitrosodiphenylamine	U	250									
Parathion	U	500									
Pentachlorophenol	U	500									
Phenanthrene	U	250									
Phenol	U	250									
Pyrene	U	250									
Pyridine	U	250									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401124**

11-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa

TestCode: **8270_S**

Sample ID **MB-228** SampType: **MBLK** TestCode: **8270_S** Units: **µg/Kg** Prep Date: **2/4/2014** RunNo: **320**

Client ID: **PBS** Batch ID: **228** TestNo: **SW8270D** **SW3546** Analysis Date: **2/4/2014** SeqNo: **6183**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2,4,6-Tribromophenol	1600		2000		80.4	11	135				
Surr: 2-Fluorobiphenyl	830		1000		82.5	21	143				
Surr: 2-Fluorophenol	2300		2000		113	14	122				
Surr: 4-Terphenyl-d14	870		1000		87.4	15	137				
Surr: Nitrobenzene-d5	770		1000		77.2	17	136				
Surr: Phenol-d6	2200		2000		110	10	116				

Sample ID **LCS-228** SampType: **LCS** TestCode: **8270_S** Units: **µg/Kg** Prep Date: **2/4/2014** RunNo: **320**

Client ID: **LCSS** Batch ID: **228** TestNo: **SW8270D** **SW3546** Analysis Date: **2/4/2014** SeqNo: **6184**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	830	250	2000	0	41.3	30	125				
1,2-Dichlorobenzene	820	250	2000	0	41.0	24	122				
1,3-Dichlorobenzene	830	250	2000	0	41.6	25	125				
1,4-Dichlorobenzene	900	250	2000	0	45.2	23	121				
2,4,6-Trichlorophenol	730	250	2000	0	36.5	25	130				
2,4-Dichlorophenol	840	250	2000	0	42.0	31	125				
2,4-Dimethylphenol	820	250	2000	0	40.9	17	132				
2,4-Dinitrophenol	390	500	2000	0	19.6	1	116				J
2,4-Dinitrotoluene	750	250	2000	0	37.5	30	134				
2,6-Dinitrotoluene	730	250	2000	0	36.6	35	125				
2-Chloronaphthalene	840	250	2000	0	41.9	30	130				
2-Chlorophenol	920	250	2000	0	46.2	32	134				
2-Nitrophenol	870	250	2000	0	43.3	16	146				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1401124**

11-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa

TestCode: **8270_S**

Sample ID **LCS-228** SampType: **LCS** TestCode: **8270_S** Units: **µg/Kg** Prep Date: **2/4/2014** RunNo: **320**

Client ID: **LCSS** Batch ID: **228** TestNo: **SW8270D** **SW3546** Analysis Date: **2/4/2014** SeqNo: **6184**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,6-Dinitro-2-methylphenol	740	500	2000	0	36.8	11	141				
4-Bromophenyl phenyl ether	850	250	2000	0	42.6	35	135				
4-Chloro-3-methylphenol	860	250	2000	0	43.2	19	139				
4-Chlorophenyl phenyl ether	850	250	2000	0	42.5	30	128				
4-Nitrophenol	850	500	2000	0	42.4	17	140				
Acenaphthene	840	250	2000	0	42.0	25	137				
Acenaphthylene	840	250	2000	0	42.2	23	136				
Anthracene	870	250	2000	0	43.3	23	150				
Benzo(a)anthracene	850	250	2000	0	42.7	31	140				
Benzo(a)pyrene	810	250	2000	0	40.7	36	136				
Benzo(b)fluoranthene	790	250	2000	0	39.6	30	140				
Benzo(g,h,i)perylene	900	250	2000	0	44.9	21	143				
Benzo(k)fluoranthene	830	250	2000	0	41.6	30	140				
Bis(2-chloroethoxy)methane	830	250	2000	0	41.3	18	110				
Bis(2-chloroethyl)ether	910	250	2000	0	45.4	30	131				
Bis(2-chloroisopropyl)ether	780	250	2000	0	39.2	34	124				
Bis(2-ethylhexyl)phthalate	790	250	2000	0	39.7	35	137				
Butyl benzyl phthalate	820	250	2000	0	41.0	34	140				
Chrysene	850	250	2000	0	42.4	31	133				
Dibenzo(a,h)anthracene	880	250	2000	0	43.9	24	145				
Diethyl phthalate	830	250	2000	0	41.4	35	130				
Dimethyl phthalate	840	250	2000	0	42.0	32	130				
Di-n-butyl phthalate	950	250	2000	0	47.6	35	131				
Di-n-octyl phthalate	770	500	2000	0	38.4	37	143				
Fluoranthene	1000	250	2000	0	50.1	21	139				
Fluorene	850	250	2000	0	42.5	30	130				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401124**

11-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa

TestCode: **8270_S**

Sample ID **LCS-228** SampType: **LCS** TestCode: **8270_S** Units: **µg/Kg** Prep Date: **2/4/2014** RunNo: **320**

Client ID: **LCSS** Batch ID: **228** TestNo: **SW8270D** **SW3546** Analysis Date: **2/4/2014** SeqNo: **6184**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobenzene	890	250	2000	0	44.4	30	130				
Hexachlorobutadiene	860	250	2000	0	42.8	30	125				
Hexachlorocyclopentadiene	610	250	2000	0	30.7	12	126				
Hexachloroethane	800	250	2000	0	40.0	30	125				
Indeno(1,2,3-c,d)pyrene	870	250	2000	0	43.7	28	141				
Isophorone	820	250	2000	0	40.8	30	125				
Naphthalene	850	250	2000	0	42.6	27	131				
Nitrobenzene	820	250	2000	0	41.0	35	125				
N-Nitrosodimethylamine	850	250	2000	0	42.7	10	123				
N-Nitrosodi-n-propylamine	810	250	2000	0	40.4	39	125				
N-Nitrosodiphenylamine	470	250	2000	0	23.3	21	103				
Pentachlorophenol	760	500	2000	0	38.0	10	132				
Phenanthrene	870	250	2000	0	43.5	35	130				
Phenol	920	250	2000	0	46.0	20	135				
Pyrene	940	250	2000	0	47.1	30	152				
Surr: 2,4,6-Tribromophenol	1500		2000		73.7	11	135				
Surr: 2-Fluorobiphenyl	820		1000		82.3	21	143				
Surr: 2-Fluorophenol	1800		2000		92.1	14	122				
Surr: 4-Terphenyl-d14	940		1000		93.8	15	137				
Surr: Nitrobenzene-d5	840		1000		84.3	17	136				
Surr: Phenol-d6	1800		2000		92.4	10	116				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401124**

11-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa

TestCode: **8270_S**

Sample ID	**MB-228**	SampType:	**MBLK**	TestCode:	**8270_S**	Units:	**µg/Kg**	Prep Date:	**2/4/2014**	RunNo:	**344**
Client ID:	**PBS**	Batch ID:	**228**	TestNo:	**SW8270D**	**SW3546**		Analysis Date:	**2/4/2014**	SeqNo:	**6202**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	U	250									
1,2-Dichlorobenzene	U	250									
1,3-Dichlorobenzene	U	250									
1,4-Dichlorobenzene	U	250									
2,3,4,6-Tetrachlorophenol	U	250									
2,4,5-Trichlorophenol	U	250									
2,4,6-Trichlorophenol	U	250									
2,4-Dichlorophenol	U	250									
2,4-Dimethylphenol	U	250									
2,4-Dinitrophenol	U	500									*
2,4-Dinitrotoluene	U	250									
2,6-Dinitrotoluene	U	250									
2-Chloronaphthalene	U	250									
2-Chlorophenol	U	250									
2-Methylnaphthalene	U	250									
2-Methylphenol	U	250									
2-Nitroaniline	U	250									
2-Nitrophenol	U	250									
3,3´-Dichlorobenzidine	U	250									
3+4-Methylphenol	U	250									
3-Nitroaniline	U	250									
4,6-Dinitro-2-methylphenol	U	500									*
4-Bromophenyl phenyl ether	U	250									
4-Chloro-3-methylphenol	U	250									
4-Chloroaniline	U	250									
4-Chlorophenyl phenyl ether	U	250									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401124**

11-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa

TestCode: **8270_S**

Sample ID **MB-228** SampType: **MBLK** TestCode: **8270_S** Units: **µg/Kg** Prep Date: **2/4/2014** RunNo: **344**

Client ID: **PBS** Batch ID: **228** TestNo: **SW8270D** **SW3546** Analysis Date: **2/4/2014** SeqNo: **6202**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Nitroaniline	U	250									
4-Nitrophenol	U	500									*
Acenaphthene	U	250									
Acenaphthylene	U	250									
Acetophenone	U	250									
Aniline	U	250									
Anthracene	U	250									
Atrazine	U	250									
Azobenzene	U	250									
Benzaldehyde	U	500									
Benzidine	U	500									*
Benzo(a)anthracene	U	250									
Benzo(a)pyrene	U	250									
Benzo(b)fluoranthene	U	250									
Benzo(g,h,i)perylene	U	250									
Benzo(k)fluoranthene	U	250									
Benzoic acid	U	500									*
Benzyl alcohol	U	250									
Biphenyl	U	250									
Bis(2-chloroethoxy)methane	U	250									
Bis(2-chloroethyl)ether	U	250									
Bis(2-chloroisopropyl)ether	U	250									
Bis(2-ethylhexyl)phthalate	U	250									
Butyl benzyl phthalate	U	250									
Caprolactam	U	250									
Carbazole	U	250									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1401124**

11-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa

TestCode: **8270_S**

Sample ID	**MB-228**	SampType:	**MBLK**	TestCode:	**8270_S**	Units:	**µg/Kg**	Prep Date:	**2/4/2014**	RunNo:	**344**		
Client ID:	**PBS**	Batch ID:	**228**	TestNo:	**SW8270D**	**SW3546**		Analysis Date:	**2/4/2014**	SeqNo:	**6202**		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chrysene	U	250									
Dibenzo(a,h)anthracene	U	250									
Dibenzofuran	U	250									
Diethyl phthalate	U	250									
Dimethyl phthalate	U	250									
Di-n-butyl phthalate	U	250									
Di-n-octyl phthalate	U	500									
Fluoranthene	U	250									
Fluorene	U	250									
Hexachlorobenzene	U	250									
Hexachlorobutadiene	U	250									
Hexachlorocyclopentadiene	U	250									
Hexachloroethane	U	250									
Indeno(1,2,3-c,d)pyrene	U	250									
Isophorone	U	250									
Naphthalene	U	250									
Nitrobenzene	U	250									
N-Nitrosodimethylamine	U	250									
N-Nitrosodi-n-propylamine	U	250									
N-Nitrosodiphenylamine	U	250									
Parathion	U	500									
Pentachlorophenol	U	500									
Phenanthrene	U	250									
Phenol	U	250									
Pyrene	U	250									
Pyridine	U	250									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401124**

11-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa

TestCode: **8270_S**

Sample ID **MB-228** SampType: **MBLK** TestCode: **8270_S** Units: **µg/Kg** Prep Date: **2/4/2014** RunNo: **344**

Client ID: **PBS** Batch ID: **228** TestNo: **SW8270D** **SW3546** Analysis Date: **2/4/2014** SeqNo: **6202**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2,4,6-Tribromophenol	1600		2000		80.4	11	135				
Surr: 2-Fluorobiphenyl	830		1000		82.5	21	143				
Surr: 2-Fluorophenol	2300		2000		113	14	122				
Surr: 4-Terphenyl-d14	870		1000		87.4	15	137				
Surr: Nitrobenzene-d5	770		1000		77.2	17	136				
Surr: Phenol-d6	2200		2000		110	10	116				

Sample ID **LCS-228** SampType: **LCS** TestCode: **8270_S** Units: **µg/Kg** Prep Date: **2/4/2014** RunNo: **344**

Client ID: **LCSS** Batch ID: **228** TestNo: **SW8270D** **SW3546** Analysis Date: **2/4/2014** SeqNo: **6203**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	830	250	2000	0	41.3	30	125				
1,2-Dichlorobenzene	820	250	2000	0	41.0	24	122				
1,3-Dichlorobenzene	830	250	2000	0	41.6	25	125				
1,4-Dichlorobenzene	900	250	2000	0	45.2	23	121				
2,3,4,6-Tetrachlorophenol	U	250		0	0	20	135				
2,4,5-Trichlorophenol	U	250		0	0	21	131				
2,4,6-Trichlorophenol	730	250	2000	0	36.5	25	130				
2,4-Dichlorophenol	840	250	2000	0	42.0	31	125				
2,4-Dimethylphenol	820	250	2000	0	40.9	17	132				
2,4-Dinitrophenol	390	500	2000	0	19.6	1	115				J*
2,4-Dinitrotoluene	750	250	2000	0	37.5	30	134				
2,6-Dinitrotoluene	730	250	2000	0	36.6	35	125				
2-Chloronaphthalene	840	250	2000	0	41.9	30	130				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401124**

11-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa

TestCode: **8270_S**

Sample ID	**LCS-228**	SampType:	**LCS**	TestCode:	**8270_S**	Units:	**µg/Kg**	Prep Date:	**2/4/2014**	RunNo:	**344**
Client ID:	**LCSS**	Batch ID:	**228**	TestNo:	**SW8270D**	**SW3546**		Analysis Date:	**2/4/2014**	SeqNo:	**6203**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Chlorophenol	920	250	2000	0	46.2	32	134				
2-Methylnaphthalene	U	250		0	0	22	128				
2-Methylphenol	U	250		0	0	21	127				
2-Nitroaniline	U	250		0	0	25	125				
2-Nitrophenol	870	250	2000	0	43.3	16	146				
3,3´-Dichlorobenzidine	U	250		0	0	10	105				
3+4-Methylphenol	U	250		0	0	25	145				
3-Nitroaniline	U	250		0	0	20	120				
4,6-Dinitro-2-methylphenol	740	500	2000	0	36.8	11	141				*
4-Bromophenyl phenyl ether	850	250	2000	0	42.6	35	135				
4-Chloro-3-methylphenol	860	250	2000	0	43.2	19	139				
4-Chloroaniline	U	250		0	0	11	121				
4-Chlorophenyl phenyl ether	850	250	2000	0	42.5	30	128				
4-Nitroaniline	U	250		0	0	20	120				
4-Nitrophenol	850	500	2000	0	42.4	17	140				*
Acenaphthene	840	250	2000	0	42.0	25	137				
Acenaphthylene	840	250	2000	0	42.2	23	136				
Acetophenone	U	250		0	0	30	125				
Aniline	U	250		0	0	1	105				
Anthracene	870	250	2000	0	43.3	23	150				
Atrazine	U	250		0	0	20	120				
Azobenzene	U	250		0	0	20	130				
Benzaldehyde	U	500		0	0	30	130				
Benzidine	U	500		0	0	2	112				*
Benzo(a)anthracene	850	250	2000	0	42.7	31	140				
Benzo(a)pyrene	810	250	2000	0	40.7	36	136				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401124**

11-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa

TestCode: **8270_S**

Sample ID **LCS-228** SampType: **LCS** TestCode: **8270_S** Units: **µg/Kg** Prep Date: **2/4/2014** RunNo: **344**

Client ID: **LCSS** Batch ID: **228** TestNo: **SW8270D** **SW3546** Analysis Date: **2/4/2014** SeqNo: **6203**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(b)fluoranthene	790	250	2000	0	39.6	30	140				
Benzo(g,h,i)perylene	900	250	2000	0	44.9	21	143				
Benzo(k)fluoranthene	830	250	2000	0	41.6	30	140				
Benzoic acid	U	500		0	0	5	105				*
Benzyl alcohol	U	250		0	0	20	125				
Biphenyl	U	250		0	0	30	130				
Bis(2-chloroethoxy)methane	830	250	2000	0	41.3	18	110				
Bis(2-chloroethyl)ether	910	250	2000	0	45.4	30	131				
Bis(2-chloroisopropyl)ether	780	250	2000	0	39.2	34	124				
Bis(2-ethylhexyl)phthalate	790	250	2000	0	39.7	35	137				
Butyl benzyl phthalate	820	250	2000	0	41.0	34	140				
Caprolactam	U	250		0	0	30	130				
Carbazole	U	250		0	0	20	130				
Chrysene	850	250	2000	0	42.4	31	133				
Dibenzo(a,h)anthracene	880	250	2000	0	43.9	24	145				
Dibenzofuran	U	250		0	0	23	130				
Diethyl phthalate	830	250	2000	0	41.4	35	130				
Dimethyl phthalate	840	250	2000	0	42.0	32	130				
Di-n-butyl phthalate	950	250	2000	0	47.6	35	131				
Di-n-octyl phthalate	770	500	2000	0	38.4	37	143				
Fluoranthene	1000	250	2000	0	50.1	21	139				
Fluorene	850	250	2000	0	42.5	30	130				
Hexachlorobenzene	890	250	2000	0	44.4	30	130				
Hexachlorobutadiene	860	250	2000	0	42.8	30	125				
Hexachlorocyclopentadiene	610	250	2000	0	30.7	12	126				
Hexachloroethane	800	250	2000	0	40.0	30	125				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1401124**

11-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa

TestCode: **8270_S**

Sample ID **LCS-228** SampType: **LCS** TestCode: **8270_S** Units: **µg/Kg** Prep Date: **2/4/2014** RunNo: **344**

Client ID: **LCSS** Batch ID: **228** TestNo: **SW8270D** **SW3546** Analysis Date: **2/4/2014** SeqNo: **6203**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Indeno(1,2,3-c,d)pyrene	870	250	2000	0	43.7	28	141				
Isophorone	820	250	2000	0	40.8	30	125				
Naphthalene	850	250	2000	0	42.6	27	131				
Nitrobenzene	820	250	2000	0	41.0	35	125				
N-Nitrosodimethylamine	850	250	2000	0	42.7	10	123				
N-Nitrosodi-n-propylamine	810	250	2000	0	40.4	39	125				
N-Nitrosodiphenylamine	470	250	2000	0	23.3	21	103				
Parathion	U	500		0	0	30	140				
Pentachlorophenol	760	500	2000	0	38.0	10	132				
Phenanthrene	870	250	2000	0	43.5	35	130				
Phenol	920	250	2000	0	46.0	20	135				
Pyrene	940	250	2000	0	47.1	30	152				
Pyridine	U	250		0	0	1	101				
Surr: 2,4,6-Tribromophenol	1500		2000		73.7	11	135				
Surr: 2-Fluorobiphenyl	820		1000		82.3	21	143				
Surr: 2-Fluorophenol	1800		2000		92.1	14	122				
Surr: 4-Terphenyl-d14	940		1000		93.8	15	137				
Surr: Nitrobenzene-d5	840		1000		84.3	17	136				
Surr: Phenol-d6	1800		2000		92.4	10	116				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401124**

11-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa

TestCode: **HG_S**

Sample ID **MBS020614A** SampType: **MBLK** TestCode: **HG_S** Units: **mg/Kg** Prep Date: **2/6/2014** RunNo: **378**
Client ID: **PBS** Batch ID: **251** TestNo: **SW7471B** **SW7471B** Analysis Date: **2/6/2014** SeqNo: **6577**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	U	0.0120									

Sample ID **LCSS020614A** SampType: **LCS** TestCode: **HG_S** Units: **mg/Kg** Prep Date: **2/6/2014** RunNo: **378**
Client ID: **LCSS** Batch ID: **251** TestNo: **SW7471B** **SW7471B** Analysis Date: **2/6/2014** SeqNo: **6578**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.197	0.0120	0.2000	0	98.5	80	120				

Sample ID **1401141-003BMS** SampType: **MS** TestCode: **HG_S** Units: **mg/Kg-dry** Prep Date: **2/6/2014** RunNo: **378**
Client ID: **BatchQC** Batch ID: **251** TestNo: **SW7471B** **SW7471B** Analysis Date: **2/6/2014** SeqNo: **6597**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.19	0.0649	0.2162	1.083	49.1	80	120				S

Sample ID **1401141-003BMSD** SampType: **MSD** TestCode: **HG_S** Units: **mg/Kg-dry** Prep Date: **2/6/2014** RunNo: **378**
Client ID: **BatchQC** Batch ID: **251** TestNo: **SW7471B** **SW7471B** Analysis Date: **2/6/2014** SeqNo: **6598**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.11	0.0643	0.2143	1.083	13.4	80	120	1.189	6.74	20	S

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401124**

11-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa

TestCode: **ICPSCAN_S**

Sample ID **MBS020514A** SampType: **MBLK** TestCode: **ICPSCAN_S** Units: **mg/Kg** Prep Date: **2/5/2014** RunNo: **361**

Client ID: **PBS** Batch ID: **246** TestNo: **SW6010C** **SW3050B** Analysis Date: **2/5/2014** SeqNo: **6340**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	U	0.400									
Antimony	U	0.500									
Arsenic	U	0.500									
Barium	U	0.400									
Beryllium	U	0.400									
Cadmium	U	0.400									
Calcium	U	0.500									
Chromium	U	0.400									
Cobalt	U	0.400									
Copper	U	0.400									
Iron	U	0.400									
Lead	U	0.400									
Magnesium	U	0.400									
Manganese	U	0.400									
Nickel	U	0.400									
Potassium	U	0.500									
Selenium	U	0.500									
Silver	U	0.400									
Sodium	U	0.500									
Thallium	U	0.500									
Vanadium	U	0.400									
Zinc	U	0.400									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401124**

11-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa

TestCode: **ICPSCAN_S**

Sample ID **LCSS020514A** SampType: **LCS** TestCode: **ICPSCAN_S** Units: **mg/Kg** Prep Date: **2/5/2014** RunNo: **361**

Client ID: **LCSS** Batch ID: **246** TestNo: **SW6010C** **SW3050B** Analysis Date: **2/5/2014** SeqNo: **6341**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	39.0	0.400	40.00	0	97.6	80	120				
Antimony	41.0	0.500	40.00	0	103	80	120				
Arsenic	41.2	0.500	40.00	0	103	80	120				
Barium	38.5	0.400	40.00	0	96.3	80	120				
Beryllium	40.1	0.400	40.00	0	100	80	120				
Cadmium	40.6	0.400	40.00	0	102	80	120				
Calcium	39.9	0.500	40.00	0	99.9	80	120				
Chromium	41.6	0.400	40.00	0	104	80	120				
Cobalt	41.5	0.400	40.00	0	104	80	120				
Copper	38.5	0.400	40.00	0	96.4	80	120				
Iron	39.9	0.400	40.00	0	99.8	80	120				
Lead	41.3	0.400	40.00	0	103	80	120				
Magnesium	41.2	0.400	40.00	0	103	80	120				
Manganese	39.6	0.400	40.00	0	99.0	80	120				
Nickel	40.8	0.400	40.00	0	102	80	120				
Potassium	392	0.500	400.0	0	98.1	80	120				
Selenium	40.0	0.500	40.00	0	99.9	80	120				
Silver	39.1	0.400	40.00	0	97.8	80	120				
Sodium	43.2	0.500	40.00	0	108	80	120				
Thallium	38.9	0.500	40.00	0	97.2	80	120				
Vanadium	39.5	0.400	40.00	0	98.8	80	120				
Zinc	40.9	0.400	40.00	0	102	80	120				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401124**

11-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa

TestCode: **ICPSCAN_S**

Sample ID **1401141-003BMS** SampType: **MS** TestCode: **ICPSCAN_S** Units: **mg/Kg-dry** Prep Date: **2/5/2014** RunNo: **361**

Client ID: **BatchQC** Batch ID: **246** TestNo: **SW6010C** **SW3050B** Analysis Date: **2/5/2014** SeqNo: **6360**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	2280	0.482	24.12	2334	-229	75	125				S
Antimony	25.1	0.603	24.12	0	104	75	125				
Arsenic	25.0	0.603	24.12	0.7588	100	75	125				
Barium	38.7	0.482	24.12	15.51	96.1	75	125				
Beryllium	22.5	0.482	24.12	0	93.4	75	125				
Cadmium	23.4	0.482	24.12	0	96.9	75	125				
Calcium	1170	0.603	24.12	1179	-52.8	75	125				S
Chromium	32.0	0.482	24.12	7.721	101	75	125				
Cobalt	19.0	0.482	24.12	0	78.8	75	125				
Copper	249	0.482	24.12	234.4	61.0	75	125				S
Iron	2780	0.482	24.12	2834	-207	75	125				S
Lead	65.6	0.482	24.12	44.42	87.8	75	125				
Magnesium	309	0.482	24.12	298.8	41.5	75	125				S
Manganese	45.3	0.482	24.12	23.73	89.4	75	125				
Nickel	26.4	0.482	24.12	3.579	94.5	75	125				
Potassium	411	0.603	241.2	148.4	109	75	125				
Selenium	24.6	0.603	24.12	1.425	96.3	75	125				
Silver	23.2	0.482	24.12	0.8236	92.8	75	125				
Sodium	70.1	0.603	24.12	44.20	108	75	125				
Thallium	21.9	0.603	24.12	0	90.9	75	125				
Vanadium	30.6	0.482	24.12	7.075	97.7	75	125				
Zinc	61.4	0.482	24.12	39.77	89.8	75	125				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1401124**

11-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: Liberty Ave., 102-14/16 Liberty Ave., Ozone Pa

TestCode: **ICPSCAN_S**

Sample ID **1401141-003BMSD** SampType: **MSD** TestCode: **ICPSCAN_S** Units: **mg/Kg-dry** Prep Date: **2/5/2014** RunNo: **361**

Client ID: **BatchQC** Batch ID: **246** TestNo: **SW6010C** **SW3050B** Analysis Date: **2/5/2014** SeqNo: **6361**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	2240	0.482	24.12	2334	-406	75	125	2279	1.89	20	S
Antimony	24.9	0.603	24.12	0	103	75	125	25.14	1.01	20	
Arsenic	24.9	0.603	24.12	0.7588	100	75	125	24.98	0.215	20	
Barium	38.8	0.482	24.12	15.51	96.5	75	125	38.70	0.217	20	
Beryllium	22.4	0.482	24.12	0	92.9	75	125	22.53	0.539	20	
Cadmium	23.3	0.482	24.12	0	96.5	75	125	23.36	0.440	20	
Calcium	1160	0.603	24.12	1179	-90.6	75	125	1166	0.784	20	S
Chromium	31.9	0.482	24.12	7.721	100	75	125	32.01	0.427	20	
Cobalt	19.0	0.482	24.12	0	78.6	75	125	19.00	0.184	20	
Copper	248	0.482	24.12	234.4	55.5	75	125	249.1	0.525	20	S
Iron	2770	0.482	24.12	2834	-285	75	125	2784	0.675	20	S
Lead	65.3	0.482	24.12	44.42	86.5	75	125	65.58	0.481	20	
Magnesium	306	0.482	24.12	298.8	30.5	75	125	308.8	0.864	20	S
Manganese	45.2	0.482	24.12	23.73	89.0	75	125	45.29	0.225	20	
Nickel	26.2	0.482	24.12	3.579	93.6	75	125	26.38	0.841	20	
Potassium	411	0.603	241.2	148.4	109	75	125	411.2	0.129	20	
Selenium	24.6	0.603	24.12	1.425	96.3	75	125	24.64	0.00783	20	
Silver	23.2	0.482	24.12	0.8236	92.7	75	125	23.20	0.111	20	
Sodium	70.3	0.603	24.12	44.20	108	75	125	70.13	0.269	20	
Thallium	21.8	0.603	24.12	0	90.4	75	125	21.93	0.541	20	
Vanadium	30.6	0.482	24.12	7.075	97.4	75	125	30.64	0.251	20	
Zinc	61.1	0.482	24.12	39.77	88.4	75	125	61.43	0.576	20	

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

American Analytical Laboratories, LLC.
56 Toledo Street
Farmingdale, New York 11735
TEL: (631) 454-6100 FAX: (631) 454-8027
Website: www.American-Analytical.com

Sample Log-In Check List

Client Name: **HOLZMACHER** Work Order Number: **1401124** RcptNo: **1**

Logged by:	**Cate Ferrara**	**1/30/2014 1:25:00 PM**	C Ferrara
Completed By:	**Cate Ferrara**	**1/30/2014**	C Ferrara
Reviewed By:	**Lori Beyer**	**1/31/2014**	Lori Beyer

Chain of Custody

1. Is Chain of Custody complete? Yes ☑ No ☐ Not Present ☐
2. How was the sample delivered?

Log In

3. Coolers are present? Yes ☑ No ☐ NA ☐
4. Shipping container/cooler in good condition? Yes ☑ No ☐
   Custody seals intact on shipping container/cooler? Yes ☐ No ☐ Not Present ☑
   No. Seal Date: Signed By:
5. Was an attempt made to cool the samples? Yes ☑ No ☐ NA ☐
6. Were all samples received at a temperature of >0° C to 6.0°C Yes ☑ No ☐ NA ☐
7. Sample(s) in proper container(s)? Yes ☐ No ☑
8. Sufficient sample volume for indicated test(s)? Yes ☑ No ☐
9. Are samples (except VOA and ONG) properly preserved? Yes ☐ No ☑
10. Was preservative added to bottles? Yes ☐ No ☑ NA ☐
11. Is the headspace in the VOA vials less than 1/4 inch or 6 mm? Yes ☐ No ☐ No VOA Vials ☑
12. Were any sample containers received broken? Yes ☐ No ☑
13. Does paperwork match bottle labels? Yes ☑ No ☐
    (Note discrepancies on chain of custody)
14. Are matrices correctly identified on Chain of Custody? Yes ☑ No ☐
15. Is it clear what analyses were requested? Yes ☑ No ☐
16. Were all holding times able to be met? Yes ☑ No ☐
    (If no, notify customer for authorization.)

Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: Date
By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:
Client Instructions:

18. Additional remarks:

    Samples not collected according to Method 503A.

Cooler Information

Cooler No	Temp ºC	Condition	Seal Intact	Seal No	Seal Date	Signed By

Definitions:

Sample Result and QC Summary Qualifiers - Level I and Level II Reports

B - The analyte was detected in the associated method blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consier anything <10x the blank value as artifact.

E - The value is above the quantitation range

J - The analyte was detected below the limit of quantitation but greater than the established Limit of Detection (LOD). There is greater uncertainty associated with these results and data should be considered as estimated.

U - The compound was analyzed for but not detected.

H - Holding time for preparation or analysis has been exceeded.

S - Spike recovery is outside accepted recovery limits.

R - RPD is outside accepted recovery range.

P - Secondary column exceeds 40% difference for GC test.

* - Calibration exceeds method requirement. Due to the large number of analytes for organic testing, the method allows 10% of analytes to have %RSD and/or %D to be >20%.

LOD - Limit of Detection; the lowest level the analyte can be determined to be statistically different from a blank.

LOQ - Limit of Quantitation; the lowest amount of analyte in a sample that can be quantitatively determined with suitable precision and accurary.

m - Analyte was manually integrated for GC/MS.

+ - Concentration exceeds regulatory level for TCLP

CHAIN OF CUSTODY

AMERICAN ANALYTICAL LABORATORIES
56 Toledo Street, Farmingdale NY 11735
(T) 631-454-6100 (F) 631-454-8027
www.american-analytical.com

CERTIFICATIONS
NY ELAP - 11418 PA DEP - 68-00573
NJ DEP - NY050 CT DOH - PH-0205

Client Information

Company Name: JR HOLZMACHER
Address: 3555 VETERANS MEMORIAL HWY
City: RONKONKOMA State: NY Zip: 11779
Project Contact: JIM LE MARTINIS
Phone #: 631-234-2220
E-mail:

Project Information

Project Name: LIBERTY AVE
Street: 102-14/16 LIBERTY AVE
City: OZONE PARK State: NY Zip:
Project #: YUNAJ 14-01
Sampler's Name / Company: PHIL HOFFKEN / JRH
Sampler's Signature:

LAB SAMPLE # (LAB USE ONLY)	Client Sample ID	Sample Type	Matrix Code	Date	Time	Glass / Plastic	Total # of bottles	NONE	HCl	NaOH	HNO_3	H_2SO_4	$NaHSO_4$	MeOH	OTHER	VOC	SVOC	TAL METALS	PCBs	PESTICIDES
1401124-001	B-2 (0-2)	G	S	1/30/14	1000	G	2	X								X	X	X	X	X
002	B-2 (4-6)	↓	↓	↓	1003	↓	↓	↓								X	X	X	X	X
003	B-3 (0-2)	↓	↓	↓	1038	↓	↓	↓								X	X	X	X	X
004	B-3 (4-6)	↓	↓	↓	1043	↓	↓	↓								X	X	X	X	X
005	B-6 (0-2)	↓	↓	↓	0915	↓	↓	↓								X	X	X	X	X
006	B-6 (4-6)	↓	↓	↓	0920	↓	↓	↓								X	X	X	X	X
007	B-7 (0-2)	↓	↓	↓	0850	↓	↓	↓								X	X	X	X	X
008	B-7 (3-5)	↓	↓	↓	0853	↓	↓	↓								X	X	X	X	X

Turnaround Time (Business Days)

Standard
[X] 7-10 Business Days
[ ] 5 Day *RUSH*
[ ] 4 Day *RUSH*
[ ] 3 Day *RUSH*
[ ] 2 Day *RUSH*
[ ] 1 Day *RUSH*

SAMPLE TYPE

G = Grab
C = Composite
B = Blank

MATRIX CODES

L = Liquid
S = Soil
O = Oil
W = Wipe
PC = Paint Chip
SL = Sludge
SD = Solid
M = Miscellaneous

Comments / Remarks

Cooler Temp: 3.9

Sample custody must be documented below, each time samples change possession, with a signature, date, and time.

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
	1/30/14	PHIL HOFFKEN	P Masi	1/30/14 1:25	P. Masi
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME

American Analytical Laboratories, LLC.
56 Toledo Street
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Website: www.American-Analytical.com

February 12, 2014

Jim DeMartinis
J.R. Holzmacher P.E. LLC
3555 Veterans Memorial Hwy., Suite A
Ronkonkoma, NY 11788
TEL: (631) 234-2220
FAX (631) 234-2221

RE: 102-14 & 102-16 Liberty Ave., Queens Order No.: 1402006

Dear Jim DeMartinis:

American Analytical Laboratories, LLC. received 5 sample(s) on 2/4/2014 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report. The results reported herein relate only to the items tested or to the samples as received by the laboratory. This report may not be reproduced, except in full, without the approval of American Analytical Laboratories, LLC and is not considered complete without a cover page and chain of custody documentation. The limits (LOQ) provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report or the data is qualified either on the sample results or in the QC section of the report. This package has been reviewed by American Analytical Laboratories' QA Department/Laboratory Director to comply with NELAC standards prior to report submittal.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer

Lori Beyer
Lab Director
American Analytical Laboratories, LLC.

American Analytical Laboratories, LLC.
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Farmingdale, New York 11735
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Website: www.American-Analytical.com

Workorder Sample Summary

WO#: **1402006**

12-Feb-14

CLIENT: J.R. Holzmacher P.E. LLC
Project: 102-14 & 102-16 Liberty Ave., Queens

Lab SampleID	Client Sample ID	Tag No	Date Collected	Date Received	Matrix
1402006-001A	MW-1		2/4/2014 11:30:00 AM	2/4/2014 1:00:00 PM	Liquid
1402006-001B	MW-1		2/4/2014 11:30:00 AM	2/4/2014 1:00:00 PM	Liquid
1402006-001C	MW-1		2/4/2014 11:30:00 AM	2/4/2014 1:00:00 PM	Liquid
1402006-001D	MW-1		2/4/2014 11:30:00 AM	2/4/2014 1:00:00 PM	Liquid
1402006-001E	MW-1		2/4/2014 11:30:00 AM	2/4/2014 1:00:00 PM	Liquid
1402006-001F	MW-1		2/4/2014 11:30:00 AM	2/4/2014 1:00:00 PM	Liquid
1402006-002A	MW-2		2/4/2014 11:50:00 AM	2/4/2014 1:00:00 PM	Liquid
1402006-002B	MW-2		2/4/2014 11:50:00 AM	2/4/2014 1:00:00 PM	Liquid
1402006-002C	MW-2		2/4/2014 11:50:00 AM	2/4/2014 1:00:00 PM	Liquid
1402006-002D	MW-2		2/4/2014 11:50:00 AM	2/4/2014 1:00:00 PM	Liquid
1402006-002E	MW-2		2/4/2014 11:50:00 AM	2/4/2014 1:00:00 PM	Liquid
1402006-002F	MW-2		2/4/2014 11:50:00 AM	2/4/2014 1:00:00 PM	Liquid
1402006-003A	MW-3		2/4/2014 12:10:00 PM	2/4/2014 1:00:00 PM	Liquid
1402006-003B	MW-3		2/4/2014 12:10:00 PM	2/4/2014 1:00:00 PM	Liquid
1402006-003C	MW-3		2/4/2014 12:10:00 PM	2/4/2014 1:00:00 PM	Liquid
1402006-003D	MW-3		2/4/2014 12:10:00 PM	2/4/2014 1:00:00 PM	Liquid
1402006-003E	MW-3		2/4/2014 12:10:00 PM	2/4/2014 1:00:00 PM	Liquid
1402006-003F	MW-3		2/4/2014 12:10:00 PM	2/4/2014 1:00:00 PM	Liquid
1402006-004A	FB		2/4/2014 11:28:00 AM	2/4/2014 1:00:00 PM	Liquid
1402006-004B	FB		2/4/2014 11:28:00 AM	2/4/2014 1:00:00 PM	Liquid
1402006-004C	FB		2/4/2014 11:28:00 AM	2/4/2014 1:00:00 PM	Liquid
1402006-004D	FB		2/4/2014 11:28:00 AM	2/4/2014 1:00:00 PM	Liquid
1402006-004E	FB		2/4/2014 11:28:00 AM	2/4/2014 1:00:00 PM	Liquid
1402006-005A	TB		2/4/2014	2/4/2014 1:00:00 PM	Liquid

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Case Narrative

WO#: **1402006**
Date: **2/12/2014**

CLIENT: J.R. Holzmacher P.E. LLC
Project: 102-14 & 102-16 Liberty Ave., Queens

Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846 and additional methods as detailed throughout the text of the report. All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives with exceptions notated in this Narrative discussion and/or in the QC Summary Section of the lab report with appropriate qualifiers. Additional quality control information such as surrogate recovery values for organic testing is provided as part of the analytical results.

Soil sample results analyzed for Volatile Organics via preparation method SW846 Method 5035A via the Low Level procedures potentially may be estimated, "J" (biased low) since the samples for this test were not collected according to the 5035A Method.
Volatile LCS are analyzed with preservatives - HCL/NaHSO4/Methanol depending on level of analysis (high/low) similar to sample analysis. Outliers can be attributed to the presence of chemical preservatives. 2-Chloroethyl vinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Pesticide analysis by Method 8081B (if applicable to this work order) is analyzed on two distinct columns. Once a target compound is qualitatively confirmed by detection on both columns and quantitation is determined to be >40% between the two columns, AAL's policy is to report the lower of the values as suggested by SW846 Method 8000C in cases where no interference exists. If in the professional judgment of the laboratory, the higher value must be utilized this is explained in the lab report.

The following parameters (if included in this report) are not offered by NY ELAP: VOA 8260 Soil; 1,2,4,5-Tetramethylbenzene, Chlorodifluoromethane, Diisopropyl ether, Ethanol, Freon-114, p-Diethylbenzene, p-Ethyltoluene, Isopropyl Acetate, n-Amyl Acetate, n-Butyl Acetate, n-Propyl Acetate. VOA 8260 Liquid; 1,2,4,5-Tetramethylbenzene, Chlorodifluoromethane, Freon-114, p-Diethylbenzene, p-Ethyltoluene, Isopropyl Acetate, n-Amyl acetate, n-Butyl Acetate, n-Propyl Acetate. Pesticides 8081 Soil; DBCP. Herbicides 8151 Soil; 3,5-Dichlorobenzoic Acid, 4-Nitrophenol, Acifluorfen, Bentazon, Chloramben, DCPA, Picloram .Lachat 10-107-6-1B Ammonia in Soil, SM 2540G Total Volatile Solids, Soil TKN, Soil Organic Nitrogen, Percent Moisture, SM 4500-SO3 B Sulfite in Liquid, Total Sulfur in Soil, Acid Soluble Chloride by ASTMC1152, Water Soluble Chloride by ASTMC1218, Chlorine Demand by SM 2350 B, Total Residual Chlorine in Liquid

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Case Narrative

WO#: **1402006**
Date: **2/12/2014**

CLIENT: J.R. Holzmacher P.E. LLC
Project: 102-14 & 102-16 Liberty Ave., Queens

The test results meet the requirements of the NYSDOH and NELAC standards, except where noted. The information contained in this analytical report is the sole property of American Analytical Laboratories, LLC. or the client for which this report was issued. The results contained in this report are only representative of the samples received. The sample receipt checklist is included as part of this lab report. Conditions can vary at different times and at different sampling conditions. American Analytical is not responsible for the use or interpretation of the data included herein.

American Analytical Laboratories, LLC.

Date: *12-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	MW-1
Lab Order:	1402006	**Collection Date:**	2/4/2014 11:30:00 AM
Project:	102-14 & 102-16 Liberty Ave., Queens	**Matrix:**	LIQUID
Lab ID:	1402006-001A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
1,1,1,2-Tetrachloroethane	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
1,1,1-Trichloroethane	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
1,1,2-Trichloroethane	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
1,1-Dichloroethane	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
1,1-Dichloroethene	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
1,1-Dichloropropene	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
1,2,3-Trichlorobenzene	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
1,2,3-Trichloropropane	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
1,2,4,5-Tetramethylbenzene	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
1,2,4-Trichlorobenzene	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
1,2,4-Trimethylbenzene	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
1,2-Dibromo-3-chloropropane	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
1,2-Dibromoethane	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
1,2-Dichlorobenzene	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
1,2-Dichloroethane	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
1,2-Dichloropropane	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
1,3,5-Trimethylbenzene	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
1,3-Dichlorobenzene	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
1,3-dichloropropane	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
1,4-Dichlorobenzene	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
1,4-Dioxane	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
2,2-Dichloropropane	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
2-Butanone	U	1.25	5.0		µg/L	1	2/6/2014 3:22:00 PM
2-Chloroethyl vinyl ether	U	1	4.0		µg/L	1	2/6/2014 3:22:00 PM
2-Chlorotoluene	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
2-Hexanone	U	1.25	5.0		µg/L	1	2/6/2014 3:22:00 PM
2-Propanol	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
4-Chlorotoluene	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
4-Isopropyltoluene	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
4-Methyl-2-pentanone	U	1.25	5.0		µg/L	1	2/6/2014 3:22:00 PM
Acetone	6.3	1.25	5.0	B*	µg/L	1	2/6/2014 3:22:00 PM

American Analytical Laboratories, LLC.

Date: *12-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	MW-1
Lab Order:	1402006	**Collection Date:**	2/4/2014 11:30:00 AM
Project:	102-14 & 102-16 Liberty Ave., Queens	**Matrix:**	LIQUID
Lab ID:	1402006-001A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
Benzene	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
Bromobenzene	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
Bromochloromethane	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
Bromodichloromethane	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
Bromoform	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
Bromomethane	U	1	4.0	*	µg/L	1	2/6/2014 3:22:00 PM
Carbon disulfide	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
Carbon tetrachloride	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
Chlorobenzene	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
Chlorodifluoromethane	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
Chloroethane	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
Chloroform	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
Chloromethane	U	0.5	2.0	*	µg/L	1	2/6/2014 3:22:00 PM
cis-1,2-Dichloroethene	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
cis-1,3-Dichloropropene	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
Cyclohexane	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
Dibromochloromethane	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
Dibromomethane	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
Dichlorodifluoromethane	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
Diisopropyl ether	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
Ethanol	U	2.5	10	*	µg/L	1	2/6/2014 3:22:00 PM
Ethylbenzene	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
Freon-114	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
Hexachlorobutadiene	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
Isopropylbenzene	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
m,p-Xylene	U	1	4.0		µg/L	1	2/6/2014 3:22:00 PM
Methyl Acetate	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
Methyl tert-butyl ether	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
Methylene chloride	7.6	0.5	2.0	B*	µg/L	1	2/6/2014 3:22:00 PM
Naphthalene	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
n-Butylbenzene	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
n-Propylbenzene	U	0.5	2.0	*	µg/L	1	2/6/2014 3:22:00 PM
o-Xylene	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM

American Analytical Laboratories, LLC.

Date: *12-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	MW-1
Lab Order:	1402006	**Collection Date:**	2/4/2014 11:30:00 AM
Project:	102-14 & 102-16 Liberty Ave., Queens	**Matrix:**	LIQUID
Lab ID:	1402006-001A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
p-Diethylbenzene	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
p-Ethyltoluene	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
sec-Butylbenzene	U	0.5	2.0	*	µg/L	1	2/6/2014 3:22:00 PM
Styrene	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
t-Butyl alcohol	U	2.5	10		µg/L	1	2/6/2014 3:22:00 PM
tert-Butylbenzene	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
Tetrachloroethene	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
Toluene	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
trans-1,2-Dichloroethene	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
trans-1,3-Dichloropropene	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
Trichloroethene	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
Trichlorofluoromethane	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
Vinyl acetate	U	0.5	2.0	*	µg/L	1	2/6/2014 3:22:00 PM
Vinyl chloride	U	0.5	2.0		µg/L	1	2/6/2014 3:22:00 PM
Surr: 4-Bromofluorobenzene	97.9	0	70-128		%REC	1	2/6/2014 3:22:00 PM
Surr: Dibromofluoromethane	96.3	0	75-129		%REC	1	2/6/2014 3:22:00 PM
Surr: Toluene-d8	98.1	0	70-124		%REC	1	2/6/2014 3:22:00 PM

American Analytical Laboratories, LLC.

Date: *12-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	MW-1
Lab Order:	1402006	**Collection Date:**	2/4/2014 11:30:00 AM
Project:	102-14 & 102-16 Liberty Ave., Queens	**Matrix:**	LIQUID
Lab ID:	1402006-001B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3510C**		Analyst: **MH**
1,2,4-Trichlorobenzene	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
1,2-Dichlorobenzene	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
1,3-Dichlorobenzene	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
1,4-Dichlorobenzene	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
2,3,4,6-Tetrachlorophenol	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
2,4,5-Trichlorophenol	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
2,4,6-Trichlorophenol	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
2,4-Dichlorophenol	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
2,4-Dimethylphenol	U	1	10		µg/L	1	2/7/2014 2:00:00 AM
2,4-Dinitrophenol	U	1	10		µg/L	1	2/7/2014 2:00:00 AM
2,4-Dinitrotoluene	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
2,6-Dinitrotoluene	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
2-Chloronaphthalene	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
2-Chlorophenol	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
2-Methylnaphthalene	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
2-Methylphenol	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
2-Nitroaniline	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
2-Nitrophenol	U	1	10		µg/L	1	2/7/2014 2:00:00 AM
3,3´-Dichlorobenzidine	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
3+4-Methylphenol	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
3-Nitroaniline	U	1	10		µg/L	1	2/7/2014 2:00:00 AM
4,6-Dinitro-2-methylphenol	U	1	10		µg/L	1	2/7/2014 2:00:00 AM
4-Bromophenyl phenyl ether	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
4-Chloro-3-methylphenol	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
4-Chloroaniline	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
4-Chlorophenyl phenyl ether	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
4-Nitroaniline	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
4-Nitrophenol	U	1	10		µg/L	1	2/7/2014 2:00:00 AM
Acenaphthene	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
Acenaphthylene	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
Acetophenone	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
Aniline	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
Anthracene	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM

American Analytical Laboratories, LLC.

Date: *12-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	MW-1
Lab Order:	1402006	**Collection Date:**	2/4/2014 11:30:00 AM
Project:	102-14 & 102-16 Liberty Ave., Queens	**Matrix:**	LIQUID
Lab ID:	1402006-001B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3510C**		Analyst: **MH**
Atrazine	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
Azobenzene	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
Benzaldehyde	U	1	10		µg/L	1	2/7/2014 2:00:00 AM
Benzidine	U	1	10		µg/L	1	2/7/2014 2:00:00 AM
Benzo(a)anthracene	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
Benzo(a)pyrene	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
Benzo(b)fluoranthene	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
Benzo(g,h,i)perylene	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
Benzo(k)fluoranthene	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
Benzoic acid	U	1	10		µg/L	1	2/7/2014 2:00:00 AM
Benzyl alcohol	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
Biphenyl	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
Bis(2-chloroethoxy)methane	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
Bis(2-chloroethyl)ether	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
Bis(2-chloroisopropyl)ether	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
Bis(2-ethylhexyl)phthalate	U	1	10		µg/L	1	2/7/2014 2:00:00 AM
Butyl benzyl phthalate	U	1	10		µg/L	1	2/7/2014 2:00:00 AM
Caprolactam	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
Carbazole	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
Chrysene	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
Dibenzo(a,h)anthracene	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
Dibenzofuran	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
Diethyl phthalate	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
Dimethyl phthalate	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
Di-n-butyl phthalate	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
Di-n-octyl phthalate	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
Fluoranthene	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
Fluorene	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
Hexachlorobenzene	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
Hexachlorobutadiene	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
Hexachlorocyclopentadiene	U	1	10		µg/L	1	2/7/2014 2:00:00 AM
Hexachloroethane	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
Indeno(1,2,3-c,d)pyrene	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM

American Analytical Laboratories, LLC.

Date: *12-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	MW-1
Lab Order:	1402006	**Collection Date:**	2/4/2014 11:30:00 AM
Project:	102-14 & 102-16 Liberty Ave., Queens	**Matrix:**	LIQUID
Lab ID:	1402006-001B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3510C**		Analyst: **MH**
Isophorone	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
Naphthalene	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
Nitrobenzene	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
N-Nitrosodimethylamine	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
N-Nitrosodi-n-propylamine	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
N-Nitrosodiphenylamine	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
Parathion	U	1	10		µg/L	1	2/7/2014 2:00:00 AM
Pentachlorophenol	U	1	10		µg/L	1	2/7/2014 2:00:00 AM
Phenanthrene	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
Phenol	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
Pyrene	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
Pyridine	U	0.5	5.0		µg/L	1	2/7/2014 2:00:00 AM
Surr: 2,4,6-Tribromophenol	61.3	0	18-134		%REC	1	2/7/2014 2:00:00 AM
Surr: 2-Fluorobiphenyl	70.4	0	22-134		%REC	1	2/7/2014 2:00:00 AM
Surr: 2-Fluorophenol	51.5	0	12-111		%REC	1	2/7/2014 2:00:00 AM
Surr: 4-Terphenyl-d14	77.0	0	20-144		%REC	1	2/7/2014 2:00:00 AM
Surr: Nitrobenzene-d5	59.9	0	21-146		%REC	1	2/7/2014 2:00:00 AM
Surr: Phenol-d6	32.0	0	10-110		%REC	1	2/7/2014 2:00:00 AM

American Analytical Laboratories, LLC.

Date: *12-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	MW-1
Lab Order:	1402006	**Collection Date:**	2/4/2014 11:30:00 AM
Project:	102-14 & 102-16 Liberty Ave., Queens	**Matrix:**	LIQUID
Lab ID:	1402006-001C		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3510C**		Analyst: **SB**
4,4´-DDD	U	0.01	0.051		µg/L	1	2/11/2014 5:51:00 PM
4,4´-DDE	U	0.01	0.051		µg/L	1	2/11/2014 5:51:00 PM
4,4´-DDT	U	0.01	0.051		µg/L	1	2/11/2014 5:51:00 PM
Aldrin	U	0.01	0.051		µg/L	1	2/11/2014 5:51:00 PM
alpha-BHC	U	0.01	0.051		µg/L	1	2/11/2014 5:51:00 PM
beta-BHC	0.025	0.01	0.051	J	µg/L	1	2/11/2014 5:51:00 PM
Chlordane	U	0.02	0.20		µg/L	1	2/11/2014 5:51:00 PM
Chlorobenzilate	U	0.01	0.051		µg/L	1	2/11/2014 5:51:00 PM
DBCP	U	0.01	0.051		µg/L	1	2/11/2014 5:51:00 PM
delta-BHC	U	0.01	0.051		µg/L	1	2/11/2014 5:51:00 PM
Dieldrin	U	0.01	0.051		µg/L	1	2/11/2014 5:51:00 PM
Endosulfan I	U	0.01	0.051		µg/L	1	2/11/2014 5:51:00 PM
Endosulfan II	U	0.01	0.051		µg/L	1	2/11/2014 5:51:00 PM
Endosulfan sulfate	U	0.01	0.051		µg/L	1	2/11/2014 5:51:00 PM
Endrin	U	0.01	0.051		µg/L	1	2/11/2014 5:51:00 PM
Endrin aldehyde	U	0.01	0.051		µg/L	1	2/11/2014 5:51:00 PM
Endrin ketone	U	0.01	0.051		µg/L	1	2/11/2014 5:51:00 PM
gamma-BHC	U	0.01	0.051		µg/L	1	2/11/2014 5:51:00 PM
Heptachlor	U	0.01	0.051		µg/L	1	2/11/2014 5:51:00 PM
Heptachlor epoxide	U	0.01	0.051		µg/L	1	2/11/2014 5:51:00 PM
Hexachlorobenzene	0.031	0.01	0.051	J	µg/L	1	2/11/2014 5:51:00 PM
Hexachlorocyclopentadiene	U	0.01	0.051		µg/L	1	2/11/2014 5:51:00 PM
Methoxychlor	U	0.01	0.051		µg/L	1	2/11/2014 5:51:00 PM
Toxaphene	U	0.06	0.51		µg/L	1	2/11/2014 5:51:00 PM
Surr: DCB	76.6	0	23-146		%REC	1	2/11/2014 5:51:00 PM
Surr: TCX	106	0	22-143		%REC	1	2/11/2014 5:51:00 PM

American Analytical Laboratories, LLC.

Date: *12-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	MW-1
Lab Order:	1402006	**Collection Date:**	2/4/2014 11:30:00 AM
Project:	102-14 & 102-16 Liberty Ave., Queens	**Matrix:**	LIQUID
Lab ID:	1402006-001D		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PCB'S AS AROCLORS SW-846 METHOD 8082			**SW8082A**		**SW3510C**		Analyst: **SB**
Aroclor 1016	U	0.26	0.51		µg/L	1	2/11/2014 8:18:00 PM
Aroclor 1221	U	0.26	0.51		µg/L	1	2/11/2014 8:18:00 PM
Aroclor 1232	U	0.26	0.51		µg/L	1	2/11/2014 8:18:00 PM
Aroclor 1242	U	0.26	0.51		µg/L	1	2/11/2014 8:18:00 PM
Aroclor 1248	U	0.26	0.51		µg/L	1	2/11/2014 8:18:00 PM
Aroclor 1254	U	0.26	0.51		µg/L	1	2/11/2014 8:18:00 PM
Aroclor 1260	U	0.26	0.51		µg/L	1	2/11/2014 8:18:00 PM
Aroclor 1262	U	0.26	0.51		µg/L	1	2/11/2014 8:18:00 PM
Aroclor 1268	U	0.26	0.51		µg/L	1	2/11/2014 8:18:00 PM
Surr: DCB	76.2	0	15-147		%REC	1	2/11/2014 8:18:00 PM
Surr: TCX	106	0	14-144		%REC	1	2/11/2014 8:18:00 PM

American Analytical Laboratories, LLC.

Date: *12-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	MW-1
Lab Order:	1402006	**Collection Date:**	2/4/2014 11:30:00 AM
Project:	102-14 & 102-16 Liberty Ave., Queens	**Matrix:**	LIQUID
Lab ID:	1402006-001E		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
MERCURY			**E245.1**				Analyst: **JP**
Mercury	U	0.0002	0.000250		mg/L	1	2/6/2014 10:23:51 AM
TOTAL METALS			**E200.7**		**SW3010A**		Analyst: **JP**
Aluminum	5.02	0.005	0.0200		mg/L	1	2/5/2014 4:02:28 PM
Antimony	U	0.005	0.0200		mg/L	1	2/5/2014 4:02:28 PM
Arsenic	U	0.01	0.0250		mg/L	1	2/5/2014 4:02:28 PM
Barium	0.165	0.005	0.0200		mg/L	1	2/5/2014 4:02:28 PM
Beryllium	U	0.005	0.0200		mg/L	1	2/5/2014 4:02:28 PM
Cadmium	U	0.005	0.0100		mg/L	1	2/5/2014 4:02:28 PM
Calcium	33.2	0.005	0.0250		mg/L	1	2/5/2014 4:02:28 PM
Chromium	0.0442	0.005	0.0200		mg/L	1	2/5/2014 4:02:28 PM
Cobalt	U	0.005	0.0200		mg/L	1	2/5/2014 4:02:28 PM
Copper	0.0239	0.005	0.0200		mg/L	1	2/5/2014 4:02:28 PM
Iron	16.4	0.005	0.0200		mg/L	1	2/5/2014 4:02:28 PM
Lead	0.00814	0.005	0.0150	J	mg/L	1	2/5/2014 4:02:28 PM
Magnesium	6.11	0.005	0.0200		mg/L	1	2/5/2014 4:02:28 PM
Manganese	1.08	0.005	0.0200		mg/L	1	2/5/2014 4:02:28 PM
Nickel	0.0293	0.005	0.0200		mg/L	1	2/5/2014 4:02:28 PM
Potassium	6.53	0.05	0.200		mg/L	1	2/5/2014 4:02:28 PM
Selenium	U	0.01	0.0250		mg/L	1	2/5/2014 4:02:28 PM
Silver	U	0.005	0.0200		mg/L	1	2/5/2014 4:02:28 PM
Sodium	28.7	0.005	0.0300		mg/L	1	2/5/2014 4:02:28 PM
Thallium	U	0.01	0.0150		mg/L	1	2/5/2014 4:02:28 PM
Vanadium	0.0121	0.005	0.0200	J	mg/L	1	2/5/2014 4:02:28 PM
Zinc	0.0638	0.005	0.0200		mg/L	1	2/5/2014 4:02:28 PM

American Analytical Laboratories, LLC.

Date: *12-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	MW-1
Lab Order:	1402006	**Collection Date:**	2/4/2014 11:30:00 AM
Project:	102-14 & 102-16 Liberty Ave., Queens	**Matrix:**	LIQUID
Lab ID:	1402006-001F		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
MERCURY-DISSOLVED			**E245.1**		**SW3005A**		Analyst: **JP**
Mercury	U	0.0002	0.000250		mg/L	1	2/6/2014 10:13:11 AM
DISSOLVED METALS			**E200.7**		**SW3005A**		Analyst: **JP**
Aluminum	0.00535	0.005	0.0200	J	mg/L	1	2/5/2014 3:19:17 PM
Antimony	U	0.005	0.0200		mg/L	1	2/5/2014 3:19:17 PM
Arsenic	U	0.01	0.0250		mg/L	1	2/5/2014 3:19:17 PM
Barium	0.133	0.005	0.0200		mg/L	1	2/5/2014 3:19:17 PM
Beryllium	U	0.005	0.0200		mg/L	1	2/5/2014 3:19:17 PM
Cadmium	U	0.005	0.0100		mg/L	1	2/5/2014 3:19:17 PM
Calcium	35.0	0.005	0.0250		mg/L	1	2/5/2014 3:19:17 PM
Chromium	U	0.005	0.0200		mg/L	1	2/5/2014 3:19:17 PM
Cobalt	U	0.005	0.0200		mg/L	1	2/5/2014 3:19:17 PM
Copper	U	0.005	0.0200		mg/L	1	2/5/2014 3:19:17 PM
Iron	0.0141	0.005	0.0200	J	mg/L	1	2/5/2014 3:19:17 PM
Lead	U	0.005	0.0150		mg/L	1	2/5/2014 3:19:17 PM
Magnesium	4.76	0.005	0.0200		mg/L	1	2/5/2014 3:19:17 PM
Manganese	0.520	0.005	0.0200		mg/L	1	2/5/2014 3:19:17 PM
Nickel	U	0.005	0.0200		mg/L	1	2/5/2014 3:19:17 PM
Potassium	6.37	0.05	0.100		mg/L	1	2/5/2014 3:19:17 PM
Selenium	U	0.01	0.0250		mg/L	1	2/5/2014 3:19:17 PM
Silver	U	0.005	0.0200		mg/L	1	2/5/2014 3:19:17 PM
Sodium	33.2	0.005	0.0300		mg/L	1	2/5/2014 3:19:17 PM
Thallium	U	0.01	0.0150		mg/L	1	2/5/2014 3:19:17 PM
Vanadium	U	0.005	0.0200		mg/L	1	2/5/2014 3:19:17 PM
Zinc	0.00690	0.005	0.0200	J	mg/L	1	2/5/2014 3:19:17 PM

American Analytical Laboratories, LLC.

Date: *12-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	MW-2
Lab Order:	1402006	**Collection Date:**	2/4/2014 11:50:00 AM
Project:	102-14 & 102-16 Liberty Ave., Queens	**Matrix:**	LIQUID
Lab ID:	1402006-002A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
1,1,1,2-Tetrachloroethane	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
1,1,1-Trichloroethane	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
1,1,2-Trichloroethane	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
1,1-Dichloroethane	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
1,1-Dichloroethene	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
1,1-Dichloropropene	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
1,2,3-Trichlorobenzene	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
1,2,3-Trichloropropane	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
1,2,4,5-Tetramethylbenzene	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
1,2,4-Trichlorobenzene	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
1,2,4-Trimethylbenzene	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
1,2-Dibromo-3-chloropropane	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
1,2-Dibromoethane	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
1,2-Dichlorobenzene	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
1,2-Dichloroethane	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
1,2-Dichloropropane	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
1,3,5-Trimethylbenzene	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
1,3-Dichlorobenzene	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
1,3-dichloropropane	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
1,4-Dichlorobenzene	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
1,4-Dioxane	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
2,2-Dichloropropane	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
2-Butanone	U	1.25	5.0		µg/L	1	2/6/2014 3:49:00 PM
2-Chloroethyl vinyl ether	U	1	4.0		µg/L	1	2/6/2014 3:49:00 PM
2-Chlorotoluene	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
2-Hexanone	U	1.25	5.0		µg/L	1	2/6/2014 3:49:00 PM
2-Propanol	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
4-Chlorotoluene	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
4-Isopropyltoluene	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
4-Methyl-2-pentanone	U	1.25	5.0		µg/L	1	2/6/2014 3:49:00 PM
Acetone	6.4	1.25	5.0	B*	µg/L	1	2/6/2014 3:49:00 PM

American Analytical Laboratories, LLC.

Date: *12-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	MW-2
Lab Order:	1402006	**Collection Date:**	2/4/2014 11:50:00 AM
Project:	102-14 & 102-16 Liberty Ave., Queens	**Matrix:**	LIQUID
Lab ID:	1402006-002A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
Benzene	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
Bromobenzene	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
Bromochloromethane	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
Bromodichloromethane	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
Bromoform	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
Bromomethane	U	1	4.0	*	µg/L	1	2/6/2014 3:49:00 PM
Carbon disulfide	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
Carbon tetrachloride	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
Chlorobenzene	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
Chlorodifluoromethane	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
Chloroethane	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
Chloroform	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
Chloromethane	U	0.5	2.0	*	µg/L	1	2/6/2014 3:49:00 PM
cis-1,2-Dichloroethene	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
cis-1,3-Dichloropropene	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
Cyclohexane	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
Dibromochloromethane	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
Dibromomethane	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
Dichlorodifluoromethane	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
Diisopropyl ether	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
Ethanol	U	2.5	10	*	µg/L	1	2/6/2014 3:49:00 PM
Ethylbenzene	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
Freon-114	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
Hexachlorobutadiene	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
Isopropylbenzene	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
m,p-Xylene	U	1	4.0		µg/L	1	2/6/2014 3:49:00 PM
Methyl Acetate	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
Methyl tert-butyl ether	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
Methylene chloride	7.8	0.5	2.0	B*	µg/L	1	2/6/2014 3:49:00 PM
Naphthalene	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
n-Butylbenzene	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
n-Propylbenzene	U	0.5	2.0	*	µg/L	1	2/6/2014 3:49:00 PM
o-Xylene	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM

American Analytical Laboratories, LLC.

Date: *12-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	MW-2
Lab Order:	1402006	**Collection Date:**	2/4/2014 11:50:00 AM
Project:	102-14 & 102-16 Liberty Ave., Queens	**Matrix:**	LIQUID
Lab ID:	1402006-002A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
p-Diethylbenzene	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
p-Ethyltoluene	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
sec-Butylbenzene	U	0.5	2.0	*	µg/L	1	2/6/2014 3:49:00 PM
Styrene	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
t-Butyl alcohol	U	2.5	10		µg/L	1	2/6/2014 3:49:00 PM
tert-Butylbenzene	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
Tetrachloroethene	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
Toluene	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
trans-1,2-Dichloroethene	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
trans-1,3-Dichloropropene	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
Trichloroethene	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
Trichlorofluoromethane	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
Vinyl acetate	U	0.5	2.0	*	µg/L	1	2/6/2014 3:49:00 PM
Vinyl chloride	U	0.5	2.0		µg/L	1	2/6/2014 3:49:00 PM
Surr: 4-Bromofluorobenzene	97.8	0	70-128		%REC	1	2/6/2014 3:49:00 PM
Surr: Dibromofluoromethane	99.9	0	75-129		%REC	1	2/6/2014 3:49:00 PM
Surr: Toluene-d8	100	0	70-124		%REC	1	2/6/2014 3:49:00 PM

American Analytical Laboratories, LLC.

Date: *12-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	MW-2
Lab Order:	1402006	**Collection Date:**	2/4/2014 11:50:00 AM
Project:	102-14 & 102-16 Liberty Ave., Queens	**Matrix:**	LIQUID
Lab ID:	1402006-002B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3510C**		Analyst: **MH**
1,2,4-Trichlorobenzene	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
1,2-Dichlorobenzene	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
1,3-Dichlorobenzene	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
1,4-Dichlorobenzene	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
2,3,4,6-Tetrachlorophenol	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
2,4,5-Trichlorophenol	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
2,4,6-Trichlorophenol	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
2,4-Dichlorophenol	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
2,4-Dimethylphenol	U	1	10		µg/L	1	2/7/2014 2:24:00 AM
2,4-Dinitrophenol	U	1	10		µg/L	1	2/7/2014 2:24:00 AM
2,4-Dinitrotoluene	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
2,6-Dinitrotoluene	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
2-Chloronaphthalene	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
2-Chlorophenol	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
2-Methylnaphthalene	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
2-Methylphenol	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
2-Nitroaniline	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
2-Nitrophenol	U	1	10		µg/L	1	2/7/2014 2:24:00 AM
3,3´-Dichlorobenzidine	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
3+4-Methylphenol	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
3-Nitroaniline	U	1	10		µg/L	1	2/7/2014 2:24:00 AM
4,6-Dinitro-2-methylphenol	U	1	10		µg/L	1	2/7/2014 2:24:00 AM
4-Bromophenyl phenyl ether	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
4-Chloro-3-methylphenol	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
4-Chloroaniline	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
4-Chlorophenyl phenyl ether	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
4-Nitroaniline	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
4-Nitrophenol	U	1	10		µg/L	1	2/7/2014 2:24:00 AM
Acenaphthene	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
Acenaphthylene	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
Acetophenone	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
Aniline	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
Anthracene	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM

American Analytical Laboratories, LLC.

Date: *12-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	MW-2
Lab Order:	1402006	**Collection Date:**	2/4/2014 11:50:00 AM
Project:	102-14 & 102-16 Liberty Ave., Queens	**Matrix:**	LIQUID
Lab ID:	1402006-002B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3510C**		Analyst: **MH**
Atrazine	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
Azobenzene	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
Benzaldehyde	U	1	10		µg/L	1	2/7/2014 2:24:00 AM
Benzidine	U	1	10		µg/L	1	2/7/2014 2:24:00 AM
Benzo(a)anthracene	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
Benzo(a)pyrene	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
Benzo(b)fluoranthene	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
Benzo(g,h,i)perylene	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
Benzo(k)fluoranthene	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
Benzoic acid	U	1	10		µg/L	1	2/7/2014 2:24:00 AM
Benzyl alcohol	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
Biphenyl	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
Bis(2-chloroethoxy)methane	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
Bis(2-chloroethyl)ether	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
Bis(2-chloroisopropyl)ether	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
Bis(2-ethylhexyl)phthalate	U	1	10		µg/L	1	2/7/2014 2:24:00 AM
Butyl benzyl phthalate	U	1	10		µg/L	1	2/7/2014 2:24:00 AM
Caprolactam	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
Carbazole	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
Chrysene	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
Dibenzo(a,h)anthracene	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
Dibenzofuran	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
Diethyl phthalate	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
Dimethyl phthalate	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
Di-n-butyl phthalate	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
Di-n-octyl phthalate	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
Fluoranthene	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
Fluorene	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
Hexachlorobenzene	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
Hexachlorobutadiene	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
Hexachlorocyclopentadiene	U	1	10		µg/L	1	2/7/2014 2:24:00 AM
Hexachloroethane	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
Indeno(1,2,3-c,d)pyrene	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM

American Analytical Laboratories, LLC.

Date: *12-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	MW-2
Lab Order:	1402006	**Collection Date:**	2/4/2014 11:50:00 AM
Project:	102-14 & 102-16 Liberty Ave., Queens	**Matrix:**	LIQUID
Lab ID:	1402006-002B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3510C**		Analyst: **MH**
Isophorone	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
Naphthalene	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
Nitrobenzene	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
N-Nitrosodimethylamine	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
N-Nitrosodi-n-propylamine	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
N-Nitrosodiphenylamine	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
Parathion	U	1	10		µg/L	1	2/7/2014 2:24:00 AM
Pentachlorophenol	U	1	10		µg/L	1	2/7/2014 2:24:00 AM
Phenanthrene	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
Phenol	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
Pyrene	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
Pyridine	U	0.5	5.0		µg/L	1	2/7/2014 2:24:00 AM
Surr: 2,4,6-Tribromophenol	66.4	0	18-134		%REC	1	2/7/2014 2:24:00 AM
Surr: 2-Fluorobiphenyl	70.3	0	22-134		%REC	1	2/7/2014 2:24:00 AM
Surr: 2-Fluorophenol	55.8	0	12-111		%REC	1	2/7/2014 2:24:00 AM
Surr: 4-Terphenyl-d14	78.2	0	20-144		%REC	1	2/7/2014 2:24:00 AM
Surr: Nitrobenzene-d5	61.7	0	21-146		%REC	1	2/7/2014 2:24:00 AM
Surr: Phenol-d6	35.1	0	10-110		%REC	1	2/7/2014 2:24:00 AM

American Analytical Laboratories, LLC.

Date: *12-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	MW-2
Lab Order:	1402006	**Collection Date:**	2/4/2014 11:50:00 AM
Project:	102-14 & 102-16 Liberty Ave., Queens	**Matrix:**	LIQUID
Lab ID:	1402006-002C		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3510C**		Analyst: **SB**
4,4´-DDD	U	0.01	0.050		µg/L	1	2/11/2014 6:05:00 PM
4,4´-DDE	U	0.01	0.050		µg/L	1	2/11/2014 6:05:00 PM
4,4´-DDT	U	0.01	0.050		µg/L	1	2/11/2014 6:05:00 PM
Aldrin	U	0.01	0.050		µg/L	1	2/11/2014 6:05:00 PM
alpha-BHC	U	0.01	0.050		µg/L	1	2/11/2014 6:05:00 PM
beta-BHC	U	0.01	0.050		µg/L	1	2/11/2014 6:05:00 PM
Chlordane	U	0.02	0.20		µg/L	1	2/11/2014 6:05:00 PM
Chlorobenzilate	U	0.01	0.050		µg/L	1	2/11/2014 6:05:00 PM
DBCP	U	0.01	0.050		µg/L	1	2/11/2014 6:05:00 PM
delta-BHC	U	0.01	0.050		µg/L	1	2/11/2014 6:05:00 PM
Dieldrin	0.013	0.01	0.050	J	µg/L	1	2/11/2014 6:05:00 PM
Endosulfan I	U	0.01	0.050		µg/L	1	2/11/2014 6:05:00 PM
Endosulfan II	U	0.01	0.050		µg/L	1	2/11/2014 6:05:00 PM
Endosulfan sulfate	U	0.01	0.050		µg/L	1	2/11/2014 6:05:00 PM
Endrin	U	0.01	0.050		µg/L	1	2/11/2014 6:05:00 PM
Endrin aldehyde	U	0.01	0.050		µg/L	1	2/11/2014 6:05:00 PM
Endrin ketone	U	0.01	0.050		µg/L	1	2/11/2014 6:05:00 PM
gamma-BHC	U	0.01	0.050		µg/L	1	2/11/2014 6:05:00 PM
Heptachlor	U	0.01	0.050		µg/L	1	2/11/2014 6:05:00 PM
Heptachlor epoxide	U	0.01	0.050		µg/L	1	2/11/2014 6:05:00 PM
Hexachlorobenzene	U	0.01	0.050		µg/L	1	2/11/2014 6:05:00 PM
Hexachlorocyclopentadiene	U	0.01	0.050		µg/L	1	2/11/2014 6:05:00 PM
Methoxychlor	U	0.01	0.050		µg/L	1	2/11/2014 6:05:00 PM
Toxaphene	U	0.06	0.50		µg/L	1	2/11/2014 6:05:00 PM
Surr: DCB	110	0	23-146		%REC	1	2/11/2014 6:05:00 PM
Surr: TCX	104	0	22-143		%REC	1	2/11/2014 6:05:00 PM

American Analytical Laboratories, LLC.

Date: *12-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	MW-2
Lab Order:	1402006	**Collection Date:**	2/4/2014 11:50:00 AM
Project:	102-14 & 102-16 Liberty Ave., Queens	**Matrix:**	LIQUID
Lab ID:	1402006-002D		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PCB'S AS AROCLORS SW-846 METHOD 8082			**SW8082A**		**SW3510C**		Analyst: **SB**
Aroclor 1016	U	0.25	0.50		µg/L	1	2/11/2014 8:42:00 PM
Aroclor 1221	U	0.25	0.50		µg/L	1	2/11/2014 8:42:00 PM
Aroclor 1232	U	0.25	0.50		µg/L	1	2/11/2014 8:42:00 PM
Aroclor 1242	U	0.25	0.50		µg/L	1	2/11/2014 8:42:00 PM
Aroclor 1248	U	0.25	0.50		µg/L	1	2/11/2014 8:42:00 PM
Aroclor 1254	U	0.25	0.50		µg/L	1	2/11/2014 8:42:00 PM
Aroclor 1260	U	0.25	0.50		µg/L	1	2/11/2014 8:42:00 PM
Aroclor 1262	U	0.25	0.50		µg/L	1	2/11/2014 8:42:00 PM
Aroclor 1268	U	0.25	0.50		µg/L	1	2/11/2014 8:42:00 PM
Surr: DCB	94.5	0	15-147		%REC	1	2/11/2014 8:42:00 PM
Surr: TCX	88.2	0	14-144		%REC	1	2/11/2014 8:42:00 PM

American Analytical Laboratories, LLC.

Date: *12-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	MW-2
Lab Order:	1402006	**Collection Date:**	2/4/2014 11:50:00 AM
Project:	102-14 & 102-16 Liberty Ave., Queens	**Matrix:**	LIQUID
Lab ID:	1402006-002E		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
MERCURY			**E245.1**				Analyst: **JP**
Mercury	U	0.0002	0.000250		mg/L	1	2/6/2014 10:25:59 AM
TOTAL METALS			**E200.7**		**SW3010A**		Analyst: **JP**
Aluminum	2.31	0.005	0.0200		mg/L	1	2/5/2014 4:04:30 PM
Antimony	U	0.005	0.0200		mg/L	1	2/5/2014 4:04:30 PM
Arsenic	U	0.01	0.0250		mg/L	1	2/5/2014 4:04:30 PM
Barium	0.127	0.005	0.0200		mg/L	1	2/5/2014 4:04:30 PM
Beryllium	U	0.005	0.0200		mg/L	1	2/5/2014 4:04:30 PM
Cadmium	U	0.005	0.0100		mg/L	1	2/5/2014 4:04:30 PM
Calcium	21.2	0.005	0.0250		mg/L	1	2/5/2014 4:04:30 PM
Chromium	0.0172	0.005	0.0200	J	mg/L	1	2/5/2014 4:04:30 PM
Cobalt	U	0.005	0.0200		mg/L	1	2/5/2014 4:04:30 PM
Copper	0.0145	0.005	0.0200	J	mg/L	1	2/5/2014 4:04:30 PM
Iron	4.92	0.005	0.0200		mg/L	1	2/5/2014 4:04:30 PM
Lead	U	0.005	0.0150		mg/L	1	2/5/2014 4:04:30 PM
Magnesium	3.87	0.005	0.0200		mg/L	1	2/5/2014 4:04:30 PM
Manganese	0.876	0.005	0.0200		mg/L	1	2/5/2014 4:04:30 PM
Nickel	0.0109	0.005	0.0200	J	mg/L	1	2/5/2014 4:04:30 PM
Potassium	4.73	0.05	0.200		mg/L	1	2/5/2014 4:04:30 PM
Selenium	U	0.01	0.0250		mg/L	1	2/5/2014 4:04:30 PM
Silver	U	0.005	0.0200		mg/L	1	2/5/2014 4:04:30 PM
Sodium	30.2	0.005	0.0300		mg/L	1	2/5/2014 4:04:30 PM
Thallium	U	0.01	0.0150		mg/L	1	2/5/2014 4:04:30 PM
Vanadium	U	0.005	0.0200		mg/L	1	2/5/2014 4:04:30 PM
Zinc	0.0336	0.005	0.0200		mg/L	1	2/5/2014 4:04:30 PM

American Analytical Laboratories, LLC.

Date: *12-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	MW-2
Lab Order:	1402006	**Collection Date:**	2/4/2014 11:50:00 AM
Project:	102-14 & 102-16 Liberty Ave., Queens	**Matrix:**	LIQUID
Lab ID:	1402006-002F		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
MERCURY-DISSOLVED			**E245.1**		**SW3005A**		Analyst: **JP**
Mercury	U	0.0002	0.000250		mg/L	1	2/6/2014 10:15:18 AM
DISSOLVED METALS			**E200.7**		**SW3005A**		Analyst: **JP**
Aluminum	U	0.005	0.0200		mg/L	1	2/5/2014 3:21:20 PM
Antimony	U	0.005	0.0200		mg/L	1	2/5/2014 3:21:20 PM
Arsenic	U	0.01	0.0250		mg/L	1	2/5/2014 3:21:20 PM
Barium	0.124	0.005	0.0200		mg/L	1	2/5/2014 3:21:20 PM
Beryllium	U	0.005	0.0200		mg/L	1	2/5/2014 3:21:20 PM
Cadmium	U	0.005	0.0100		mg/L	1	2/5/2014 3:21:20 PM
Calcium	22.7	0.005	0.0250		mg/L	1	2/5/2014 3:21:20 PM
Chromium	U	0.005	0.0200		mg/L	1	2/5/2014 3:21:20 PM
Cobalt	U	0.005	0.0200		mg/L	1	2/5/2014 3:21:20 PM
Copper	U	0.005	0.0200		mg/L	1	2/5/2014 3:21:20 PM
Iron	0.00778	0.005	0.0200	J	mg/L	1	2/5/2014 3:21:20 PM
Lead	U	0.005	0.0150		mg/L	1	2/5/2014 3:21:20 PM
Magnesium	3.41	0.005	0.0200		mg/L	1	2/5/2014 3:21:20 PM
Manganese	0.719	0.005	0.0200		mg/L	1	2/5/2014 3:21:20 PM
Nickel	U	0.005	0.0200		mg/L	1	2/5/2014 3:21:20 PM
Potassium	5.37	0.05	0.100		mg/L	1	2/5/2014 3:21:20 PM
Selenium	U	0.01	0.0250		mg/L	1	2/5/2014 3:21:20 PM
Silver	U	0.005	0.0200		mg/L	1	2/5/2014 3:21:20 PM
Sodium	34.5	0.005	0.0300		mg/L	1	2/5/2014 3:21:20 PM
Thallium	U	0.01	0.0150		mg/L	1	2/5/2014 3:21:20 PM
Vanadium	U	0.005	0.0200		mg/L	1	2/5/2014 3:21:20 PM
Zinc	U	0.005	0.0200		mg/L	1	2/5/2014 3:21:20 PM

American Analytical Laboratories, LLC.

Date: *12-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	MW-3
Lab Order:	1402006	**Collection Date:**	2/4/2014 12:10:00 PM
Project:	102-14 & 102-16 Liberty Ave., Queens	**Matrix:**	LIQUID
Lab ID:	1402006-003A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
1,1,1,2-Tetrachloroethane	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
1,1,1-Trichloroethane	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
1,1,2-Trichloroethane	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
1,1-Dichloroethane	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
1,1-Dichloroethene	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
1,1-Dichloropropene	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
1,2,3-Trichlorobenzene	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
1,2,3-Trichloropropane	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
1,2,4,5-Tetramethylbenzene	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
1,2,4-Trichlorobenzene	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
1,2,4-Trimethylbenzene	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
1,2-Dibromo-3-chloropropane	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
1,2-Dibromoethane	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
1,2-Dichlorobenzene	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
1,2-Dichloroethane	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
1,2-Dichloropropane	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
1,3,5-Trimethylbenzene	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
1,3-Dichlorobenzene	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
1,3-dichloropropane	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
1,4-Dichlorobenzene	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
1,4-Dioxane	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
2,2-Dichloropropane	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
2-Butanone	U	1.25	5.0		µg/L	1	2/6/2014 4:17:00 PM
2-Chloroethyl vinyl ether	U	1	4.0		µg/L	1	2/6/2014 4:17:00 PM
2-Chlorotoluene	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
2-Hexanone	U	1.25	5.0		µg/L	1	2/6/2014 4:17:00 PM
2-Propanol	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
4-Chlorotoluene	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
4-Isopropyltoluene	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
4-Methyl-2-pentanone	U	1.25	5.0		µg/L	1	2/6/2014 4:17:00 PM
Acetone	5.6	1.25	5.0	B*	µg/L	1	2/6/2014 4:17:00 PM

American Analytical Laboratories, LLC.

Date: *12-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	MW-3
Lab Order:	1402006	**Collection Date:**	2/4/2014 12:10:00 PM
Project:	102-14 & 102-16 Liberty Ave., Queens	**Matrix:**	LIQUID
Lab ID:	1402006-003A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
Benzene	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
Bromobenzene	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
Bromochloromethane	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
Bromodichloromethane	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
Bromoform	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
Bromomethane	U	1	4.0	*	µg/L	1	2/6/2014 4:17:00 PM
Carbon disulfide	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
Carbon tetrachloride	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
Chlorobenzene	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
Chlorodifluoromethane	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
Chloroethane	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
Chloroform	8.5	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
Chloromethane	U	0.5	2.0	*	µg/L	1	2/6/2014 4:17:00 PM
cis-1,2-Dichloroethene	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
cis-1,3-Dichloropropene	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
Cyclohexane	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
Dibromochloromethane	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
Dibromomethane	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
Dichlorodifluoromethane	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
Diisopropyl ether	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
Ethanol	U	2.5	10	*	µg/L	1	2/6/2014 4:17:00 PM
Ethylbenzene	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
Freon-114	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
Hexachlorobutadiene	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
Isopropylbenzene	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
m,p-Xylene	U	1	4.0		µg/L	1	2/6/2014 4:17:00 PM
Methyl Acetate	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
Methyl tert-butyl ether	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
Methylene chloride	7.3	0.5	2.0	B*	µg/L	1	2/6/2014 4:17:00 PM
Naphthalene	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
n-Butylbenzene	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
n-Propylbenzene	U	0.5	2.0	*	µg/L	1	2/6/2014 4:17:00 PM
o-Xylene	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM

American Analytical Laboratories, LLC.

Date: *12-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	MW-3
Lab Order:	1402006	**Collection Date:**	2/4/2014 12:10:00 PM
Project:	102-14 & 102-16 Liberty Ave., Queens	**Matrix:**	LIQUID
Lab ID:	1402006-003A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
p-Diethylbenzene	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
p-Ethyltoluene	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
sec-Butylbenzene	U	0.5	2.0	*	µg/L	1	2/6/2014 4:17:00 PM
Styrene	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
t-Butyl alcohol	U	2.5	10		µg/L	1	2/6/2014 4:17:00 PM
tert-Butylbenzene	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
Tetrachloroethene	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
Toluene	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
trans-1,2-Dichloroethene	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
trans-1,3-Dichloropropene	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
Trichloroethene	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
Trichlorofluoromethane	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
Vinyl acetate	U	0.5	2.0	*	µg/L	1	2/6/2014 4:17:00 PM
Vinyl chloride	U	0.5	2.0		µg/L	1	2/6/2014 4:17:00 PM
Surr: 4-Bromofluorobenzene	96.3	0	70-128		%REC	1	2/6/2014 4:17:00 PM
Surr: Dibromofluoromethane	98.8	0	75-129		%REC	1	2/6/2014 4:17:00 PM
Surr: Toluene-d8	99.1	0	70-124		%REC	1	2/6/2014 4:17:00 PM

American Analytical Laboratories, LLC.

Date: *12-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	MW-3
Lab Order:	1402006	**Collection Date:**	2/4/2014 12:10:00 PM
Project:	102-14 & 102-16 Liberty Ave., Queens	**Matrix:**	LIQUID
Lab ID:	1402006-003B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3510C**		Analyst: **MH**
1,2,4-Trichlorobenzene	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
1,2-Dichlorobenzene	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
1,3-Dichlorobenzene	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
1,4-Dichlorobenzene	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
2,3,4,6-Tetrachlorophenol	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
2,4,5-Trichlorophenol	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
2,4,6-Trichlorophenol	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
2,4-Dichlorophenol	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
2,4-Dimethylphenol	U	1.03	10		µg/L	1	2/7/2014 2:48:00 AM
2,4-Dinitrophenol	U	1.03	10		µg/L	1	2/7/2014 2:48:00 AM
2,4-Dinitrotoluene	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
2,6-Dinitrotoluene	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
2-Chloronaphthalene	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
2-Chlorophenol	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
2-Methylnaphthalene	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
2-Methylphenol	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
2-Nitroaniline	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
2-Nitrophenol	U	1.03	10		µg/L	1	2/7/2014 2:48:00 AM
3,3´-Dichlorobenzidine	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
3+4-Methylphenol	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
3-Nitroaniline	U	1.03	10		µg/L	1	2/7/2014 2:48:00 AM
4,6-Dinitro-2-methylphenol	U	1.03	10		µg/L	1	2/7/2014 2:48:00 AM
4-Bromophenyl phenyl ether	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
4-Chloro-3-methylphenol	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
4-Chloroaniline	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
4-Chlorophenyl phenyl ether	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
4-Nitroaniline	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
4-Nitrophenol	U	1.03	10		µg/L	1	2/7/2014 2:48:00 AM
Acenaphthene	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
Acenaphthylene	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
Acetophenone	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
Aniline	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
Anthracene	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM

American Analytical Laboratories, LLC.

Date: *12-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	MW-3
Lab Order:	1402006	**Collection Date:**	2/4/2014 12:10:00 PM
Project:	102-14 & 102-16 Liberty Ave., Queens	**Matrix:**	LIQUID
Lab ID:	1402006-003B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3510C**		Analyst: **MH**
Atrazine	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
Azobenzene	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
Benzaldehyde	U	1.03	10		µg/L	1	2/7/2014 2:48:00 AM
Benzidine	U	1.03	10		µg/L	1	2/7/2014 2:48:00 AM
Benzo(a)anthracene	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
Benzo(a)pyrene	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
Benzo(b)fluoranthene	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
Benzo(g,h,i)perylene	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
Benzo(k)fluoranthene	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
Benzoic acid	U	1.03	10		µg/L	1	2/7/2014 2:48:00 AM
Benzyl alcohol	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
Biphenyl	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
Bis(2-chloroethoxy)methane	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
Bis(2-chloroethyl)ether	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
Bis(2-chloroisopropyl)ether	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
Bis(2-ethylhexyl)phthalate	U	1.03	10		µg/L	1	2/7/2014 2:48:00 AM
Butyl benzyl phthalate	U	1.03	10		µg/L	1	2/7/2014 2:48:00 AM
Caprolactam	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
Carbazole	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
Chrysene	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
Dibenzo(a,h)anthracene	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
Dibenzofuran	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
Diethyl phthalate	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
Dimethyl phthalate	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
Di-n-butyl phthalate	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
Di-n-octyl phthalate	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
Fluoranthene	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
Fluorene	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
Hexachlorobenzene	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
Hexachlorobutadiene	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
Hexachlorocyclopentadiene	U	1.03	10		µg/L	1	2/7/2014 2:48:00 AM
Hexachloroethane	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
Indeno(1,2,3-c,d)pyrene	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM

American Analytical Laboratories, LLC.

Date: *12-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	MW-3
Lab Order:	1402006	**Collection Date:**	2/4/2014 12:10:00 PM
Project:	102-14 & 102-16 Liberty Ave., Queens	**Matrix:**	LIQUID
Lab ID:	1402006-003B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3510C**		Analyst: **MH**
Isophorone	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
Naphthalene	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
Nitrobenzene	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
N-Nitrosodimethylamine	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
N-Nitrosodi-n-propylamine	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
N-Nitrosodiphenylamine	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
Parathion	U	1.03	10		µg/L	1	2/7/2014 2:48:00 AM
Pentachlorophenol	U	1.03	10		µg/L	1	2/7/2014 2:48:00 AM
Phenanthrene	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
Phenol	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
Pyrene	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
Pyridine	U	0.52	5.2		µg/L	1	2/7/2014 2:48:00 AM
Surr: 2,4,6-Tribromophenol	68.8	0	18-134		%REC	1	2/7/2014 2:48:00 AM
Surr: 2-Fluorobiphenyl	68.2	0	22-134		%REC	1	2/7/2014 2:48:00 AM
Surr: 2-Fluorophenol	48.6	0	12-111		%REC	1	2/7/2014 2:48:00 AM
Surr: 4-Terphenyl-d14	82.6	0	20-144		%REC	1	2/7/2014 2:48:00 AM
Surr: Nitrobenzene-d5	56.7	0	21-146		%REC	1	2/7/2014 2:48:00 AM
Surr: Phenol-d6	31.0	0	10-110		%REC	1	2/7/2014 2:48:00 AM

American Analytical Laboratories, LLC.

Date: *12-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	MW-3
Lab Order:	1402006	**Collection Date:**	2/4/2014 12:10:00 PM
Project:	102-14 & 102-16 Liberty Ave., Queens	**Matrix:**	LIQUID
Lab ID:	1402006-003C		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3510C**		Analyst: **SB**
4,4´-DDD	U	0.01	0.051		µg/L	1	2/11/2014 6:20:00 PM
4,4´-DDE	U	0.01	0.051		µg/L	1	2/11/2014 6:20:00 PM
4,4´-DDT	U	0.01	0.051		µg/L	1	2/11/2014 6:20:00 PM
Aldrin	U	0.01	0.051		µg/L	1	2/11/2014 6:20:00 PM
alpha-BHC	U	0.01	0.051		µg/L	1	2/11/2014 6:20:00 PM
beta-BHC	U	0.01	0.051		µg/L	1	2/11/2014 6:20:00 PM
Chlordane	U	0.02	0.20		µg/L	1	2/11/2014 6:20:00 PM
Chlorobenzilate	U	0.01	0.051		µg/L	1	2/11/2014 6:20:00 PM
DBCP	U	0.01	0.051		µg/L	1	2/11/2014 6:20:00 PM
delta-BHC	U	0.01	0.051		µg/L	1	2/11/2014 6:20:00 PM
Dieldrin	U	0.01	0.051		µg/L	1	2/11/2014 6:20:00 PM
Endosulfan I	U	0.01	0.051		µg/L	1	2/11/2014 6:20:00 PM
Endosulfan II	U	0.01	0.051		µg/L	1	2/11/2014 6:20:00 PM
Endosulfan sulfate	U	0.01	0.051		µg/L	1	2/11/2014 6:20:00 PM
Endrin	U	0.01	0.051		µg/L	1	2/11/2014 6:20:00 PM
Endrin aldehyde	U	0.01	0.051		µg/L	1	2/11/2014 6:20:00 PM
Endrin ketone	U	0.01	0.051		µg/L	1	2/11/2014 6:20:00 PM
gamma-BHC	U	0.01	0.051		µg/L	1	2/11/2014 6:20:00 PM
Heptachlor	U	0.01	0.051		µg/L	1	2/11/2014 6:20:00 PM
Heptachlor epoxide	0.012	0.01	0.051	J	µg/L	1	2/11/2014 6:20:00 PM
Hexachlorobenzene	U	0.01	0.051		µg/L	1	2/11/2014 6:20:00 PM
Hexachlorocyclopentadiene	U	0.01	0.051		µg/L	1	2/11/2014 6:20:00 PM
Methoxychlor	U	0.01	0.051		µg/L	1	2/11/2014 6:20:00 PM
Toxaphene	U	0.06	0.51		µg/L	1	2/11/2014 6:20:00 PM
Surr: DCB	83.8	0	23-146		%REC	1	2/11/2014 6:20:00 PM
Surr: TCX	86.9	0	22-143		%REC	1	2/11/2014 6:20:00 PM

American Analytical Laboratories, LLC.

Date: *12-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	MW-3
Lab Order:	1402006	**Collection Date:**	2/4/2014 12:10:00 PM
Project:	102-14 & 102-16 Liberty Ave., Queens	**Matrix:**	LIQUID
Lab ID:	1402006-003D		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PCB'S AS AROCLORS SW-846 METHOD 8082			**SW8082A**		**SW3510C**		Analyst: **SB**
Aroclor 1016	U	0.25	0.51		µg/L	1	2/11/2014 9:07:00 PM
Aroclor 1221	U	0.25	0.51		µg/L	1	2/11/2014 9:07:00 PM
Aroclor 1232	U	0.25	0.51		µg/L	1	2/11/2014 9:07:00 PM
Aroclor 1242	U	0.25	0.51		µg/L	1	2/11/2014 9:07:00 PM
Aroclor 1248	U	0.25	0.51		µg/L	1	2/11/2014 9:07:00 PM
Aroclor 1254	U	0.25	0.51		µg/L	1	2/11/2014 9:07:00 PM
Aroclor 1260	U	0.25	0.51		µg/L	1	2/11/2014 9:07:00 PM
Aroclor 1262	U	0.25	0.51		µg/L	1	2/11/2014 9:07:00 PM
Aroclor 1268	U	0.25	0.51		µg/L	1	2/11/2014 9:07:00 PM
Surr: DCB	78.9	0	15-147		%REC	1	2/11/2014 9:07:00 PM
Surr: TCX	92.7	0	14-144		%REC	1	2/11/2014 9:07:00 PM

American Analytical Laboratories, LLC.

Date: *12-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	MW-3
Lab Order:	1402006	**Collection Date:**	2/4/2014 12:10:00 PM
Project:	102-14 & 102-16 Liberty Ave., Queens	**Matrix:**	LIQUID
Lab ID:	1402006-003E		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
MERCURY			**E245.1**				Analyst: **JP**
Mercury	U	0.0002	0.000250		mg/L	1	2/6/2014 10:28:09 AM
TOTAL METALS			**E200.7**		**SW3010A**		Analyst: **JP**
Aluminum	13.9	0.005	0.0200		mg/L	1	2/5/2014 4:06:32 PM
Antimony	U	0.005	0.0200		mg/L	1	2/5/2014 4:06:32 PM
Arsenic	U	0.01	0.0250		mg/L	1	2/5/2014 4:06:32 PM
Barium	0.196	0.005	0.0200		mg/L	1	2/5/2014 4:06:32 PM
Beryllium	U	0.005	0.0200		mg/L	1	2/5/2014 4:06:32 PM
Cadmium	U	0.005	0.0100		mg/L	1	2/5/2014 4:06:32 PM
Calcium	9.82	0.005	0.0250		mg/L	1	2/5/2014 4:06:32 PM
Chromium	0.0876	0.005	0.0200		mg/L	1	2/5/2014 4:06:32 PM
Cobalt	0.00738	0.005	0.0200	J	mg/L	1	2/5/2014 4:06:32 PM
Copper	0.0480	0.005	0.0200		mg/L	1	2/5/2014 4:06:32 PM
Iron	28.8	0.005	0.0200		mg/L	1	2/5/2014 4:06:32 PM
Lead	0.0172	0.005	0.0150		mg/L	1	2/5/2014 4:06:32 PM
Magnesium	5.46	0.005	0.0200		mg/L	1	2/5/2014 4:06:32 PM
Manganese	2.04	0.005	0.0200		mg/L	1	2/5/2014 4:06:32 PM
Nickel	0.0433	0.005	0.0200		mg/L	1	2/5/2014 4:06:32 PM
Potassium	5.23	0.05	0.200		mg/L	1	2/5/2014 4:06:32 PM
Selenium	U	0.01	0.0250		mg/L	1	2/5/2014 4:06:32 PM
Silver	U	0.005	0.0200		mg/L	1	2/5/2014 4:06:32 PM
Sodium	17.1	0.005	0.0300		mg/L	1	2/5/2014 4:06:32 PM
Thallium	U	0.01	0.0150		mg/L	1	2/5/2014 4:06:32 PM
Vanadium	0.0351	0.005	0.0200		mg/L	1	2/5/2014 4:06:32 PM
Zinc	0.0886	0.005	0.0200		mg/L	1	2/5/2014 4:06:32 PM

American Analytical Laboratories, LLC.

Date: *12-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	MW-3
Lab Order:	1402006	**Collection Date:**	2/4/2014 12:10:00 PM
Project:	102-14 & 102-16 Liberty Ave., Queens	**Matrix:**	LIQUID
Lab ID:	1402006-003F		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
MERCURY-DISSOLVED			**E245.1**		**SW3005A**		Analyst: **JP**
Mercury	U	0.0002	0.000250		mg/L	1	2/6/2014 10:17:26 AM
DISSOLVED METALS			**E200.7**		**SW3005A**		Analyst: **JP**
Aluminum	U	0.005	0.0200		mg/L	1	2/5/2014 3:32:06 PM
Antimony	U	0.005	0.0200		mg/L	1	2/5/2014 3:32:06 PM
Arsenic	U	0.01	0.0250		mg/L	1	2/5/2014 3:32:06 PM
Barium	0.0590	0.005	0.0200		mg/L	1	2/5/2014 3:32:06 PM
Beryllium	U	0.005	0.0200		mg/L	1	2/5/2014 3:32:06 PM
Cadmium	U	0.005	0.0100		mg/L	1	2/5/2014 3:32:06 PM
Calcium	7.10	0.005	0.0250		mg/L	1	2/5/2014 3:32:06 PM
Chromium	U	0.005	0.0200		mg/L	1	2/5/2014 3:32:06 PM
Cobalt	U	0.005	0.0200		mg/L	1	2/5/2014 3:32:06 PM
Copper	U	0.005	0.0200		mg/L	1	2/5/2014 3:32:06 PM
Iron	0.00822	0.005	0.0200	J	mg/L	1	2/5/2014 3:32:06 PM
Lead	U	0.005	0.0150		mg/L	1	2/5/2014 3:32:06 PM
Magnesium	1.38	0.005	0.0200		mg/L	1	2/5/2014 3:32:06 PM
Manganese	0.686	0.005	0.0200		mg/L	1	2/5/2014 3:32:06 PM
Nickel	U	0.005	0.0200		mg/L	1	2/5/2014 3:32:06 PM
Potassium	3.23	0.05	0.100		mg/L	1	2/5/2014 3:32:06 PM
Selenium	U	0.01	0.0250		mg/L	1	2/5/2014 3:32:06 PM
Silver	U	0.005	0.0200		mg/L	1	2/5/2014 3:32:06 PM
Sodium	19.2	0.005	0.0300		mg/L	1	2/5/2014 3:32:06 PM
Thallium	U	0.01	0.0150		mg/L	1	2/5/2014 3:32:06 PM
Vanadium	U	0.005	0.0200		mg/L	1	2/5/2014 3:32:06 PM
Zinc	U	0.005	0.0200		mg/L	1	2/5/2014 3:32:06 PM

American Analytical Laboratories, LLC.

Date: *12-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	FB
Lab Order:	1402006	**Collection Date:**	2/4/2014 11:28:00 AM
Project:	102-14 & 102-16 Liberty Ave., Queens	**Matrix:**	LIQUID
Lab ID:	1402006-004A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
1,1,1,2-Tetrachloroethane	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
1,1,1-Trichloroethane	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
1,1,2-Trichloroethane	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
1,1-Dichloroethane	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
1,1-Dichloroethene	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
1,1-Dichloropropene	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
1,2,3-Trichlorobenzene	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
1,2,3-Trichloropropane	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
1,2,4,5-Tetramethylbenzene	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
1,2,4-Trichlorobenzene	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
1,2,4-Trimethylbenzene	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
1,2-Dibromo-3-chloropropane	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
1,2-Dibromoethane	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
1,2-Dichlorobenzene	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
1,2-Dichloroethane	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
1,2-Dichloropropane	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
1,3,5-Trimethylbenzene	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
1,3-Dichlorobenzene	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
1,3-dichloropropane	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
1,4-Dichlorobenzene	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
1,4-Dioxane	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
2,2-Dichloropropane	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
2-Butanone	U	1.25	5.0		µg/L	1	2/6/2014 4:45:00 PM
2-Chloroethyl vinyl ether	U	1	4.0		µg/L	1	2/6/2014 4:45:00 PM
2-Chlorotoluene	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
2-Hexanone	U	1.25	5.0		µg/L	1	2/6/2014 4:45:00 PM
2-Propanol	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
4-Chlorotoluene	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
4-Isopropyltoluene	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
4-Methyl-2-pentanone	U	1.25	5.0		µg/L	1	2/6/2014 4:45:00 PM
Acetone	5.9	1.25	5.0	B*	µg/L	1	2/6/2014 4:45:00 PM

American Analytical Laboratories, LLC.

Date: *12-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	FB
Lab Order:	1402006	**Collection Date:**	2/4/2014 11:28:00 AM
Project:	102-14 & 102-16 Liberty Ave., Queens	**Matrix:**	LIQUID
Lab ID:	1402006-004A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
Benzene	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
Bromobenzene	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
Bromochloromethane	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
Bromodichloromethane	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
Bromoform	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
Bromomethane	U	1	4.0	*	µg/L	1	2/6/2014 4:45:00 PM
Carbon disulfide	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
Carbon tetrachloride	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
Chlorobenzene	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
Chlorodifluoromethane	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
Chloroethane	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
Chloroform	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
Chloromethane	U	0.5	2.0	*	µg/L	1	2/6/2014 4:45:00 PM
cis-1,2-Dichloroethene	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
cis-1,3-Dichloropropene	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
Cyclohexane	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
Dibromochloromethane	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
Dibromomethane	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
Dichlorodifluoromethane	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
Diisopropyl ether	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
Ethanol	U	2.5	10	*	µg/L	1	2/6/2014 4:45:00 PM
Ethylbenzene	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
Freon-114	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
Hexachlorobutadiene	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
Isopropylbenzene	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
m,p-Xylene	U	1	4.0		µg/L	1	2/6/2014 4:45:00 PM
Methyl Acetate	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
Methyl tert-butyl ether	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
Methylene chloride	6.9	0.5	2.0	B*	µg/L	1	2/6/2014 4:45:00 PM
Naphthalene	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
n-Butylbenzene	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
n-Propylbenzene	U	0.5	2.0	*	µg/L	1	2/6/2014 4:45:00 PM
o-Xylene	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM

American Analytical Laboratories, LLC.

Date: *12-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	FB
Lab Order:	1402006	**Collection Date:**	2/4/2014 11:28:00 AM
Project:	102-14 & 102-16 Liberty Ave., Queens	**Matrix:**	LIQUID
Lab ID:	1402006-004A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
p-Diethylbenzene	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
p-Ethyltoluene	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
sec-Butylbenzene	U	0.5	2.0	*	µg/L	1	2/6/2014 4:45:00 PM
Styrene	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
t-Butyl alcohol	U	2.5	10		µg/L	1	2/6/2014 4:45:00 PM
tert-Butylbenzene	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
Tetrachloroethene	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
Toluene	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
trans-1,2-Dichloroethene	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
trans-1,3-Dichloropropene	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
Trichloroethene	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
Trichlorofluoromethane	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
Vinyl acetate	U	0.5	2.0	*	µg/L	1	2/6/2014 4:45:00 PM
Vinyl chloride	U	0.5	2.0		µg/L	1	2/6/2014 4:45:00 PM
Surr: 4-Bromofluorobenzene	98.0	0	70-128		%REC	1	2/6/2014 4:45:00 PM
Surr: Dibromofluoromethane	98.9	0	75-129		%REC	1	2/6/2014 4:45:00 PM
Surr: Toluene-d8	99.7	0	70-124		%REC	1	2/6/2014 4:45:00 PM

American Analytical Laboratories, LLC.

Date: *12-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	FB
Lab Order:	1402006	**Collection Date:**	2/4/2014 11:28:00 AM
Project:	102-14 & 102-16 Liberty Ave., Queens	**Matrix:**	LIQUID
Lab ID:	1402006-004B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3510C**		Analyst: **MH**
1,2,4-Trichlorobenzene	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
1,2-Dichlorobenzene	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
1,3-Dichlorobenzene	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
1,4-Dichlorobenzene	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
2,3,4,6-Tetrachlorophenol	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
2,4,5-Trichlorophenol	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
2,4,6-Trichlorophenol	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
2,4-Dichlorophenol	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
2,4-Dimethylphenol	U	1.04	10		µg/L	1	2/7/2014 3:13:00 AM
2,4-Dinitrophenol	U	1.04	10		µg/L	1	2/7/2014 3:13:00 AM
2,4-Dinitrotoluene	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
2,6-Dinitrotoluene	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
2-Chloronaphthalene	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
2-Chlorophenol	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
2-Methylnaphthalene	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
2-Methylphenol	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
2-Nitroaniline	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
2-Nitrophenol	U	1.04	10		µg/L	1	2/7/2014 3:13:00 AM
3,3´-Dichlorobenzidine	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
3+4-Methylphenol	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
3-Nitroaniline	U	1.04	10		µg/L	1	2/7/2014 3:13:00 AM
4,6-Dinitro-2-methylphenol	U	1.04	10		µg/L	1	2/7/2014 3:13:00 AM
4-Bromophenyl phenyl ether	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
4-Chloro-3-methylphenol	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
4-Chloroaniline	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
4-Chlorophenyl phenyl ether	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
4-Nitroaniline	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
4-Nitrophenol	U	1.04	10		µg/L	1	2/7/2014 3:13:00 AM
Acenaphthene	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
Acenaphthylene	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
Acetophenone	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
Aniline	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
Anthracene	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM

American Analytical Laboratories, LLC.

Date: *12-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	FB
Lab Order:	1402006	**Collection Date:**	2/4/2014 11:28:00 AM
Project:	102-14 & 102-16 Liberty Ave., Queens	**Matrix:**	LIQUID
Lab ID:	1402006-004B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3510C**		Analyst: **MH**
Atrazine	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
Azobenzene	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
Benzaldehyde	U	1.04	10		µg/L	1	2/7/2014 3:13:00 AM
Benzidine	U	1.04	10		µg/L	1	2/7/2014 3:13:00 AM
Benzo(a)anthracene	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
Benzo(a)pyrene	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
Benzo(b)fluoranthene	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
Benzo(g,h,i)perylene	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
Benzo(k)fluoranthene	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
Benzoic acid	U	1.04	10		µg/L	1	2/7/2014 3:13:00 AM
Benzyl alcohol	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
Biphenyl	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
Bis(2-chloroethoxy)methane	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
Bis(2-chloroethyl)ether	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
Bis(2-chloroisopropyl)ether	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
Bis(2-ethylhexyl)phthalate	U	1.04	10		µg/L	1	2/7/2014 3:13:00 AM
Butyl benzyl phthalate	U	1.04	10		µg/L	1	2/7/2014 3:13:00 AM
Caprolactam	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
Carbazole	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
Chrysene	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
Dibenzo(a,h)anthracene	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
Dibenzofuran	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
Diethyl phthalate	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
Dimethyl phthalate	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
Di-n-butyl phthalate	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
Di-n-octyl phthalate	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
Fluoranthene	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
Fluorene	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
Hexachlorobenzene	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
Hexachlorobutadiene	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
Hexachlorocyclopentadiene	U	1.04	10		µg/L	1	2/7/2014 3:13:00 AM
Hexachloroethane	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
Indeno(1,2,3-c,d)pyrene	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, New York, Zip - 11735
Tel - (631) 454-6100 Fax - (631) 454-8027 www.american-analytical.com

American Analytical Laboratories, LLC.

Date: *12-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	FB
Lab Order:	1402006	**Collection Date:**	2/4/2014 11:28:00 AM
Project:	102-14 & 102-16 Liberty Ave., Queens	**Matrix:**	LIQUID
Lab ID:	1402006-004B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3510C**		Analyst: **MH**
Isophorone	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
Naphthalene	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
Nitrobenzene	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
N-Nitrosodimethylamine	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
N-Nitrosodi-n-propylamine	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
N-Nitrosodiphenylamine	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
Parathion	U	1.04	10		µg/L	1	2/7/2014 3:13:00 AM
Pentachlorophenol	U	1.04	10		µg/L	1	2/7/2014 3:13:00 AM
Phenanthrene	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
Phenol	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
Pyrene	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
Pyridine	U	0.52	5.2		µg/L	1	2/7/2014 3:13:00 AM
Surr: 2,4,6-Tribromophenol	62.3	0	18-134		%REC	1	2/7/2014 3:13:00 AM
Surr: 2-Fluorobiphenyl	70.9	0	22-134		%REC	1	2/7/2014 3:13:00 AM
Surr: 2-Fluorophenol	52.2	0	12-111		%REC	1	2/7/2014 3:13:00 AM
Surr: 4-Terphenyl-d14	80.6	0	20-144		%REC	1	2/7/2014 3:13:00 AM
Surr: Nitrobenzene-d5	61.7	0	21-146		%REC	1	2/7/2014 3:13:00 AM
Surr: Phenol-d6	33.8	0	10-110		%REC	1	2/7/2014 3:13:00 AM

American Analytical Laboratories, LLC.

Date: *12-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	FB
Lab Order:	1402006	**Collection Date:**	2/4/2014 11:28:00 AM
Project:	102-14 & 102-16 Liberty Ave., Queens	**Matrix:**	LIQUID
Lab ID:	1402006-004C		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3510C**		Analyst: **SB**
4,4´-DDD	U	0.01	0.051		µg/L	1	2/11/2014 6:34:00 PM
4,4´-DDE	U	0.01	0.051		µg/L	1	2/11/2014 6:34:00 PM
4,4´-DDT	U	0.01	0.051		µg/L	1	2/11/2014 6:34:00 PM
Aldrin	U	0.01	0.051		µg/L	1	2/11/2014 6:34:00 PM
alpha-BHC	U	0.01	0.051		µg/L	1	2/11/2014 6:34:00 PM
beta-BHC	U	0.01	0.051		µg/L	1	2/11/2014 6:34:00 PM
Chlordane	U	0.02	0.20		µg/L	1	2/11/2014 6:34:00 PM
Chlorobenzilate	U	0.01	0.051		µg/L	1	2/11/2014 6:34:00 PM
DBCP	U	0.01	0.051		µg/L	1	2/11/2014 6:34:00 PM
delta-BHC	U	0.01	0.051		µg/L	1	2/11/2014 6:34:00 PM
Dieldrin	U	0.01	0.051		µg/L	1	2/11/2014 6:34:00 PM
Endosulfan I	U	0.01	0.051		µg/L	1	2/11/2014 6:34:00 PM
Endosulfan II	U	0.01	0.051		µg/L	1	2/11/2014 6:34:00 PM
Endosulfan sulfate	U	0.01	0.051		µg/L	1	2/11/2014 6:34:00 PM
Endrin	U	0.01	0.051		µg/L	1	2/11/2014 6:34:00 PM
Endrin aldehyde	U	0.01	0.051		µg/L	1	2/11/2014 6:34:00 PM
Endrin ketone	U	0.01	0.051		µg/L	1	2/11/2014 6:34:00 PM
gamma-BHC	U	0.01	0.051		µg/L	1	2/11/2014 6:34:00 PM
Heptachlor	U	0.01	0.051		µg/L	1	2/11/2014 6:34:00 PM
Heptachlor epoxide	U	0.01	0.051		µg/L	1	2/11/2014 6:34:00 PM
Hexachlorobenzene	U	0.01	0.051		µg/L	1	2/11/2014 6:34:00 PM
Hexachlorocyclopentadiene	U	0.01	0.051		µg/L	1	2/11/2014 6:34:00 PM
Methoxychlor	U	0.01	0.051		µg/L	1	2/11/2014 6:34:00 PM
Toxaphene	U	0.06	0.51		µg/L	1	2/11/2014 6:34:00 PM
Surr: DCB	109	0	23-146		%REC	1	2/11/2014 6:34:00 PM
Surr: TCX	112	0	22-143		%REC	1	2/11/2014 6:34:00 PM

American Analytical Laboratories, LLC.

Date: *12-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	FB
Lab Order:	1402006	**Collection Date:**	2/4/2014 11:28:00 AM
Project:	102-14 & 102-16 Liberty Ave., Queens	**Matrix:**	LIQUID
Lab ID:	1402006-004D		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PCB'S AS AROCLORS SW-846 METHOD 8082			**SW8082A**		**SW3510C**		Analyst: **SB**
Aroclor 1016	U	0.25	0.51		µg/L	1	2/12/2014 1:19:00 PM
Aroclor 1221	U	0.25	0.51		µg/L	1	2/12/2014 1:19:00 PM
Aroclor 1232	U	0.25	0.51		µg/L	1	2/12/2014 1:19:00 PM
Aroclor 1242	U	0.25	0.51		µg/L	1	2/12/2014 1:19:00 PM
Aroclor 1248	U	0.25	0.51		µg/L	1	2/12/2014 1:19:00 PM
Aroclor 1254	U	0.25	0.51		µg/L	1	2/12/2014 1:19:00 PM
Aroclor 1260	U	0.25	0.51		µg/L	1	2/12/2014 1:19:00 PM
Aroclor 1262	U	0.25	0.51		µg/L	1	2/12/2014 1:19:00 PM
Aroclor 1268	U	0.25	0.51		µg/L	1	2/12/2014 1:19:00 PM
Surr: DCB	105	0	15-147		%REC	1	2/12/2014 1:19:00 PM
Surr: TCX	110	0	14-144		%REC	1	2/12/2014 1:19:00 PM

American Analytical Laboratories, LLC.

Date: *12-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	FB
Lab Order:	1402006	**Collection Date:**	2/4/2014 11:28:00 AM
Project:	102-14 & 102-16 Liberty Ave., Queens	**Matrix:**	LIQUID
Lab ID:	1402006-004E		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
MERCURY			**E245.1**				Analyst: **JP**
Mercury	U	0.0002	0.000250		mg/L	1	2/11/2014 10:53:43 AM
TOTAL METALS			**E200.7**		**SW3010A**		Analyst: **JP**
Aluminum	U	0.005	0.0200		mg/L	1	2/5/2014 4:09:14 PM
Antimony	U	0.005	0.0200		mg/L	1	2/5/2014 4:09:14 PM
Arsenic	U	0.01	0.0250		mg/L	1	2/5/2014 4:09:14 PM
Barium	U	0.005	0.0200		mg/L	1	2/5/2014 4:09:14 PM
Beryllium	U	0.005	0.0200		mg/L	1	2/5/2014 4:09:14 PM
Cadmium	U	0.005	0.0100		mg/L	1	2/5/2014 4:09:14 PM
Calcium	0.0828	0.005	0.0250		mg/L	1	2/5/2014 4:09:14 PM
Chromium	U	0.005	0.0200		mg/L	1	2/5/2014 4:09:14 PM
Cobalt	U	0.005	0.0200		mg/L	1	2/5/2014 4:09:14 PM
Copper	U	0.005	0.0200		mg/L	1	2/5/2014 4:09:14 PM
Iron	U	0.005	0.0200		mg/L	1	2/5/2014 4:09:14 PM
Lead	U	0.005	0.0150		mg/L	1	2/5/2014 4:09:14 PM
Magnesium	0.0151	0.005	0.0200	J	mg/L	1	2/5/2014 4:09:14 PM
Manganese	U	0.005	0.0200		mg/L	1	2/5/2014 4:09:14 PM
Nickel	U	0.005	0.0200		mg/L	1	2/5/2014 4:09:14 PM
Potassium	U	0.05	0.200		mg/L	1	2/5/2014 4:09:14 PM
Selenium	U	0.01	0.0250		mg/L	1	2/5/2014 4:09:14 PM
Silver	U	0.005	0.0200		mg/L	1	2/5/2014 4:09:14 PM
Sodium	0.0473	0.005	0.0300		mg/L	1	2/5/2014 4:09:14 PM
Thallium	U	0.01	0.0150		mg/L	1	2/5/2014 4:09:14 PM
Vanadium	U	0.005	0.0200		mg/L	1	2/5/2014 4:09:14 PM
Zinc	U	0.005	0.0200		mg/L	1	2/5/2014 4:09:14 PM

American Analytical Laboratories, LLC.

Date: *12-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	TB
Lab Order:	1402006	**Collection Date:**	2/4/2014
Project:	102-14 & 102-16 Liberty Ave., Queens	**Matrix:**	LIQUID
Lab ID:	1402006-005A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
1,1,1,2-Tetrachloroethane	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
1,1,1-Trichloroethane	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
1,1,2-Trichloroethane	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
1,1-Dichloroethane	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
1,1-Dichloroethene	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
1,1-Dichloropropene	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
1,2,3-Trichlorobenzene	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
1,2,3-Trichloropropane	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
1,2,4,5-Tetramethylbenzene	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
1,2,4-Trichlorobenzene	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
1,2,4-Trimethylbenzene	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
1,2-Dibromo-3-chloropropane	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
1,2-Dibromoethane	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
1,2-Dichlorobenzene	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
1,2-Dichloroethane	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
1,2-Dichloropropane	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
1,3,5-Trimethylbenzene	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
1,3-Dichlorobenzene	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
1,3-dichloropropane	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
1,4-Dichlorobenzene	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
1,4-Dioxane	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
2,2-Dichloropropane	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
2-Butanone	U	1.25	5.0		µg/L	1	2/6/2014 5:12:00 PM
2-Chloroethyl vinyl ether	U	1	4.0		µg/L	1	2/6/2014 5:12:00 PM
2-Chlorotoluene	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
2-Hexanone	U	1.25	5.0		µg/L	1	2/6/2014 5:12:00 PM
2-Propanol	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
4-Chlorotoluene	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
4-Isopropyltoluene	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
4-Methyl-2-pentanone	U	1.25	5.0		µg/L	1	2/6/2014 5:12:00 PM
Acetone	5.5	1.25	5.0	B*	µg/L	1	2/6/2014 5:12:00 PM

American Analytical Laboratories, LLC.

Date: *12-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	TB
Lab Order:	1402006	**Collection Date:**	2/4/2014
Project:	102-14 & 102-16 Liberty Ave., Queens	**Matrix:**	LIQUID
Lab ID:	1402006-005A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
Benzene	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
Bromobenzene	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
Bromochloromethane	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
Bromodichloromethane	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
Bromoform	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
Bromomethane	U	1	4.0	*	µg/L	1	2/6/2014 5:12:00 PM
Carbon disulfide	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
Carbon tetrachloride	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
Chlorobenzene	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
Chlorodifluoromethane	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
Chloroethane	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
Chloroform	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
Chloromethane	U	0.5	2.0	*	µg/L	1	2/6/2014 5:12:00 PM
cis-1,2-Dichloroethene	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
cis-1,3-Dichloropropene	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
Cyclohexane	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
Dibromochloromethane	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
Dibromomethane	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
Dichlorodifluoromethane	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
Diisopropyl ether	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
Ethanol	U	2.5	10	*	µg/L	1	2/6/2014 5:12:00 PM
Ethylbenzene	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
Freon-114	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
Hexachlorobutadiene	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
Isopropylbenzene	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
m,p-Xylene	U	1	4.0		µg/L	1	2/6/2014 5:12:00 PM
Methyl Acetate	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
Methyl tert-butyl ether	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
Methylene chloride	6.7	0.5	2.0	B*	µg/L	1	2/6/2014 5:12:00 PM
Naphthalene	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
n-Butylbenzene	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
n-Propylbenzene	U	0.5	2.0	*	µg/L	1	2/6/2014 5:12:00 PM
o-Xylene	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM

American Analytical Laboratories, LLC.

Date: *12-Feb-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	TB
Lab Order:	1402006	**Collection Date:**	2/4/2014
Project:	102-14 & 102-16 Liberty Ave., Queens	**Matrix:**	LIQUID
Lab ID:	1402006-005A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
p-Diethylbenzene	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
p-Ethyltoluene	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
sec-Butylbenzene	U	0.5	2.0	*	µg/L	1	2/6/2014 5:12:00 PM
Styrene	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
t-Butyl alcohol	U	2.5	10		µg/L	1	2/6/2014 5:12:00 PM
tert-Butylbenzene	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
Tetrachloroethene	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
Toluene	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
trans-1,2-Dichloroethene	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
trans-1,3-Dichloropropene	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
Trichloroethene	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
Trichlorofluoromethane	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
Vinyl acetate	U	0.5	2.0	*	µg/L	1	2/6/2014 5:12:00 PM
Vinyl chloride	U	0.5	2.0		µg/L	1	2/6/2014 5:12:00 PM
Surr: 4-Bromofluorobenzene	97.2	0	70-128		%REC	1	2/6/2014 5:12:00 PM
Surr: Dibromofluoromethane	98.9	0	75-129		%REC	1	2/6/2014 5:12:00 PM
Surr: Toluene-d8	99.3	0	70-124		%REC	1	2/6/2014 5:12:00 PM

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TEL: (631) 454-6100 FAX: (631) 454-8027
Website: www.American-Analytical.com

QC SUMMARY REPORT

WO#: **1402006**

12-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: 102-14 & 102-16 Liberty Ave., Queens

TestCode: **8081_W**

Sample ID	**MB-287**	SampType:	**MBLK**	TestCode:	**8081_W**	Units:	**µg/L**	Prep Date:	**2/11/2014**	RunNo:	**432**
Client ID:	**PBW**	Batch ID:	**287**	TestNo:	**SW8081B**	**SW3510C**		Analysis Date:	**2/11/2014**	SeqNo:	**7308**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	U	0.050									
4,4´-DDE	U	0.050									
4,4´-DDT	U	0.050									
Aldrin	U	0.050									
alpha-BHC	U	0.050									
beta-BHC	U	0.050									
Chlordane	U	0.20									
Chlorobenzilate	U	0.050									
DBCP	U	0.050									
delta-BHC	U	0.050									
Dieldrin	U	0.050									
Endosulfan I	U	0.050									
Endosulfan II	U	0.050									
Endosulfan sulfate	U	0.050									
Endrin	U	0.050									
Endrin aldehyde	U	0.050									
Endrin ketone	U	0.050									
gamma-BHC	U	0.050									
Heptachlor	U	0.050									
Heptachlor epoxide	U	0.050									
Hexachlorobenzene	U	0.050									
Hexachlorocyclopentadiene	U	0.050									
Methoxychlor	U	0.050									
Toxaphene	U	0.50									
Surr: DCB	0		0.5000		0	23	146				S
Surr: TCX	0		0.5000		0	22	143				S

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1402006**

12-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: 102-14 & 102-16 Liberty Ave., Queens

TestCode: **8081_W**

Sample ID	**MB-287**	SampType:	**MBLK**	TestCode:	**8081_W**	Units:	**µg/L**	Prep Date:	**2/11/2014**	RunNo:	**432**
Client ID:	**PBW**	Batch ID:	**287**	TestNo:	**SW8081B**	**SW3510C**		Analysis Date:	**2/11/2014**	SeqNo:	**7308**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID	**LCS-287**	SampType:	**LCS**	TestCode:	**8081_W**	Units:	**µg/L**	Prep Date:	**2/11/2014**	RunNo:	**432**
Client ID:	**LCSW**	Batch ID:	**287**	TestNo:	**SW8081B**	**SW3510C**		Analysis Date:	**2/11/2014**	SeqNo:	**7309**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	0.20	0.050	0.2000	0	102	26	132				
4,4´-DDE	0.18	0.050	0.2000	0	89.3	20	127				
4,4´-DDT	0.22	0.050	0.2000	0	109	24	140				
Aldrin	0.19	0.050	0.2000	0	96.5	23	136				
alpha-BHC	0.21	0.050	0.2000	0	103	24	141				C
beta-BHC	0.21	0.050	0.2000	0	106	25	148				
delta-BHC	0.23	0.050	0.2000	0	116	22	147				C
Dieldrin	0.21	0.050	0.2000	0	107	28	130				
Endosulfan I	0.21	0.050	0.2000	0	103	20	129				
Endosulfan II	0.22	0.050	0.2000	0	110	21	125				
Endosulfan sulfate	0.22	0.050	0.2000	0	111	25	141				
Endrin	0.18	0.050	0.2000	0	90.8	30	141				
Endrin aldehyde	0.21	0.050	0.2000	0	103	20	145				C
Endrin ketone	0.17	0.050	0.2000	0	82.7	25	140				C
gamma-BHC	0.21	0.050	0.2000	0	104	31	137				
Heptachlor	0.21	0.050	0.2000	0	103	20	140				
Heptachlor epoxide	0.23	0.050	0.2000	0	114	25	125				
Methoxychlor	0.24	0.050	0.2000	0	120	30	147				
Surr: DCB	0.50		0.5000		101	23	146				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1402006**

12-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: 102-14 & 102-16 Liberty Ave., Queens

TestCode: **8081_W**

Sample ID	**LCS-287**	SampType:	**LCS**	TestCode:	**8081_W**	Units:	**µg/L**	Prep Date:	**2/11/2014**	RunNo:	**432**		
Client ID:	**LCSW**	Batch ID:	**287**	TestNo:	**SW8081B**	**SW3510C**		Analysis Date:	**2/11/2014**	SeqNo:	**7309**		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: TCX	0.40		0.5000		80.7	22	143				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1402006**

12-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: 102-14 & 102-16 Liberty Ave., Queens

TestCode: **8082_W**

Sample ID **MB-285** SampType: **MBLK** TestCode: **8082_W** Units: **µg/L** Prep Date: **2/11/2014** RunNo: **428**

Client ID: **PBW** Batch ID: **285** TestNo: **SW8082A** **SW3510C** Analysis Date: **2/11/2014** SeqNo: **7266**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	U	0.50									
Aroclor 1221	U	0.50									
Aroclor 1232	U	0.50									
Aroclor 1242	U	0.50									
Aroclor 1248	U	0.50									
Aroclor 1254	U	0.50									
Aroclor 1260	U	0.50									
Aroclor 1262	U	0.50									
Aroclor 1268	U	0.50									
Surr: DCB	0.53		0.5000		107	15	147				
Surr: TCX	0.45		0.5000		89.6	14	144				

Sample ID **LCS-285** SampType: **LCS** TestCode: **8082_W** Units: **µg/L** Prep Date: **2/11/2014** RunNo: **428**

Client ID: **LCSW** Batch ID: **285** TestNo: **SW8082A** **SW3510C** Analysis Date: **2/11/2014** SeqNo: **7267**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1248	5.1	0.50	5.000	0	102	40	140				
Surr: DCB	0.55		0.5000		110	15	147				
Surr: TCX	0.50		0.5000		100	14	144				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

American Analytical Laboratories, LLC.
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QC SUMMARY REPORT

WO#: **1402006**

12-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: 102-14 & 102-16 Liberty Ave., Queens

TestCode: **8260_W**

Sample ID **LCS-257** SampType: **LCS** TestCode: **8260_W** Units: **µg/L** Prep Date: **2/6/2014** RunNo: **400**

Client ID: **LCSW** Batch ID: **257a** TestNo: **SW8260C** Analysis Date: **2/6/2014** SeqNo: **6895**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	39	2.0	50.00	0	77.3	35	131				
1,1,2,2-Tetrachloroethane	32	2.0	50.00	0	64.3	33	152				
1,1,2-Trichloroethane	32	2.0	50.00	0	64.4	38	121				
1,1-Dichloroethane	35	2.0	50.00	0	69.9	31	132				
1,1-Dichloroethene	40	2.0	50.00	0	79.4	22	131				
1,2-Dichlorobenzene	34	2.0	50.00	0	68.9	44	123				
1,2-Dichloroethane	31	2.0	50.00	0	62.8	43	127				
1,2-Dichloropropane	35	2.0	50.00	0	69.0	42	126				
1,3-Dichlorobenzene	36	2.0	50.00	0	72.8	45	127				
1,4-Dichlorobenzene	36	2.0	50.00	0	71.6	43	126				
2-Chloroethyl vinyl ether	U	4.0	50.00	0	0	20	133				S
Benzene	36	2.0	50.00	0	72.9	30	137				
Bromodichloromethane	32	2.0	50.00	0	63.7	38	122				
Bromoform	32	2.0	50.00	0	63.5	46	128				
Bromomethane	65	4.0	50.00	0	129	27	146				*
Carbon tetrachloride	40	2.0	50.00	0	80.4	35	134				
Chlorobenzene	38	2.0	50.00	0	75.8	47	120				
Chloroethane	52	2.0	50.00	0	104	38	130				
Chloroform	35	2.0	50.00	0	70.6	35	138				
Chloromethane	37	2.0	50.00	0	74.4	20	155				*
cis-1,3-Dichloropropene	30	2.0	50.00	0	59.1	33	120				
Dibromochloromethane	33	2.0	50.00	0	66.0	42	128				
Ethylbenzene	43	2.0	50.00	0	86.1	46	134				
Methylene chloride	14	2.0	50.00	0	28.4	27	137				B*
Tetrachloroethene	36	2.0	50.00	0	72.0	30	125				
Toluene	40	2.0	50.00	0	80.3	32	126				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

American Analytical Laboratories, LLC.
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Website: www.American-Analytical.com

QC SUMMARY REPORT

WO#: **1402006**

12-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: 102-14 & 102-16 Liberty Ave., Queens

TestCode: **8260_W**

Sample ID **LCS-257** SampType: **LCS** TestCode: **8260_W** Units: **µg/L** Prep Date: **2/6/2014** RunNo: **400**

Client ID: **LCSW** Batch ID: **257a** TestNo: **SW8260C** Analysis Date: **2/6/2014** SeqNo: **6895**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	37	2.0	50.00	0	74.5	24	130				
trans-1,3-Dichloropropene	30	2.0	50.00	0	59.9	30	120				
Trichloroethene	38	2.0	50.00	0	75.3	41	125				
Trichlorofluoromethane	58	2.0	50.00	0	116	38	149				
Vinyl chloride	59	2.0	50.00	0	119	24	152				
Surr: 4-Bromofluorobenzene	50		50.00		99.3	70	128				
Surr: Dibromofluoromethane	48		50.00		96.7	75	129				
Surr: Toluene-d8	49		50.00		98.3	70	124				

Sample ID **MB-257** SampType: **MBLK** TestCode: **8260_W** Units: **µg/L** Prep Date: **2/6/2014** RunNo: **400**

Client ID: **PBW** Batch ID: **257a** TestNo: **SW8260C** Analysis Date: **2/6/2014** SeqNo: **6896**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	U	2.0									
1,1,1-Trichloroethane	U	2.0									
1,1,2,2-Tetrachloroethane	U	2.0									
1,1,2-Trichloro-1,2,2-trifluoroethane	U	2.0									
1,1,2-Trichloroethane	U	2.0									
1,1-Dichloroethane	U	2.0									
1,1-Dichloroethene	U	2.0									
1,1-Dichloropropene	U	2.0									
1,2,3-Trichlorobenzene	U	2.0									
1,2,3-Trichloropropane	U	2.0									
1,2,4,5-Tetramethylbenzene	U	2.0									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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Website: www.American-Analytical.com

QC SUMMARY REPORT

WO#: **1402006**

12-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: 102-14 & 102-16 Liberty Ave., Queens

TestCode: **8260_W**

Sample ID	**MB-257**	SampType:	**MBLK**	TestCode:	**8260_W**	Units:	**µg/L**	Prep Date:	**2/6/2014**	RunNo:	**400**		
Client ID:	**PBW**	Batch ID:	**257a**	TestNo:	**SW8260C**			Analysis Date:	**2/6/2014**	SeqNo:	**6896**		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	U	2.0									
1,2,4-Trimethylbenzene	U	2.0									
1,2-Dibromo-3-chloropropane	U	2.0									
1,2-Dibromoethane	U	2.0									
1,2-Dichlorobenzene	U	2.0									
1,2-Dichloroethane	U	2.0									
1,2-Dichloropropane	U	2.0									
1,3,5-Trimethylbenzene	U	2.0									
1,3-Dichlorobenzene	U	2.0									
1,3-dichloropropane	U	2.0									
1,4-Dichlorobenzene	U	2.0									
1,4-Dioxane	U	2.0									
2,2-Dichloropropane	U	2.0									
2-Butanone	U	5.0									
2-Chloroethyl vinyl ether	U	4.0									
2-Chlorotoluene	U	2.0									
2-Hexanone	U	5.0									
2-Propanol	U	2.0									
4-Chlorotoluene	U	2.0									
4-Isopropyltoluene	U	2.0									
4-Methyl-2-pentanone	U	5.0									
Acetone	6.0	5.0									*
Benzene	U	2.0									
Bromobenzene	U	2.0									
Bromochloromethane	U	2.0									
Bromodichloromethane	U	2.0									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1402006**

12-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: 102-14 & 102-16 Liberty Ave., Queens

TestCode: **8260_W**

Sample ID **MB-257** SampType: **MBLK** TestCode: **8260_W** Units: **µg/L** Prep Date: **2/6/2014** RunNo: **400**

Client ID: **PBW** Batch ID: **257a** TestNo: **SW8260C** Analysis Date: **2/6/2014** SeqNo: **6896**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromoform	U	2.0									
Bromomethane	U	4.0									*
Carbon disulfide	U	2.0									
Carbon tetrachloride	U	2.0									
Chlorobenzene	U	2.0									
Chlorodifluoromethane	U	2.0									
Chloroethane	U	2.0									
Chloroform	U	2.0									
Chloromethane	U	2.0									*
cis-1,2-Dichloroethene	U	2.0									
cis-1,3-Dichloropropene	U	2.0									
Cyclohexane	U	2.0									
Dibromochloromethane	U	2.0									
Dibromomethane	U	2.0									
Dichlorodifluoromethane	U	2.0									
Diisopropyl ether	U	2.0									
Ethanol	U	10									*
Ethylbenzene	U	2.0									
Freon-114	U	2.0									
Hexachlorobutadiene	U	2.0									
Isopropylbenzene	U	2.0									
m,p-Xylene	U	4.0									
Methyl Acetate	U	2.0									
Methyl tert-butyl ether	U	2.0									
Methylene chloride	6.9	2.0									*
Naphthalene	U	2.0									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1402006**

12-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: 102-14 & 102-16 Liberty Ave., Queens

TestCode: **8260_W**

Sample ID	**MB-257**	SampType:	**MBLK**	TestCode:	**8260_W**	Units:	**µg/L**	Prep Date:	**2/6/2014**	RunNo:	**400**
Client ID:	**PBW**	Batch ID:	**257a**	TestNo:	**SW8260C**			Analysis Date:	**2/6/2014**	SeqNo:	**6896**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Butylbenzene	U	2.0									
n-Propylbenzene	U	2.0									*
o-Xylene	U	2.0									
p-Diethylbenzene	U	2.0									
p-Ethyltoluene	U	2.0									
sec-Butylbenzene	U	2.0									*
Styrene	U	2.0									
t-Butyl alcohol	U	10									
tert-Butylbenzene	U	2.0									
Tetrachloroethene	U	2.0									
Toluene	U	2.0									
trans-1,2-Dichloroethene	U	2.0									
trans-1,3-Dichloropropene	U	2.0									
Trichloroethene	U	2.0									
Trichlorofluoromethane	U	2.0									
Vinyl acetate	U	2.0									*
Vinyl chloride	U	2.0									
Surr: 4-Bromofluorobenzene	49		50.00		98.8	70	128				
Surr: Dibromofluoromethane	49		50.00		98.2	75	129				
Surr: Toluene-d8	49		50.00		98.6	70	124				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1402006**

12-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: 102-14 & 102-16 Liberty Ave., Queens

TestCode: **8270_W**

Sample ID	**MB-232**	SampType:	**MBLK**	TestCode:	**8270_W**	Units:	**µg/L**	Prep Date:	**2/5/2014**	RunNo:	**396**		
Client ID:	**PBW**	Batch ID:	**232**	TestNo:	**SW8270D**	**SW3510C**		Analysis Date:	**2/6/2014**	SeqNo:	**6841**		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	U	5.0									
1,2-Dichlorobenzene	U	5.0									
1,3-Dichlorobenzene	U	5.0									
1,4-Dichlorobenzene	U	5.0									
2,3,4,6-Tetrachlorophenol	U	5.0									
2,4,5-Trichlorophenol	U	5.0									
2,4,6-Trichlorophenol	U	5.0									
2,4-Dichlorophenol	U	5.0									
2,4-Dimethylphenol	U	10									
2,4-Dinitrophenol	U	10									
2,4-Dinitrotoluene	U	5.0									
2,6-Dinitrotoluene	U	5.0									
2-Chloronaphthalene	U	5.0									
2-Chlorophenol	U	5.0									
2-Methylnaphthalene	U	5.0									
2-Methylphenol	U	5.0									
2-Nitroaniline	U	5.0									
2-Nitrophenol	U	10									
3,3´-Dichlorobenzidine	U	5.0									
3+4-Methylphenol	U	5.0									
3-Nitroaniline	U	10									
4,6-Dinitro-2-methylphenol	U	10									
4-Bromophenyl phenyl ether	U	5.0									
4-Chloro-3-methylphenol	U	5.0									
4-Chloroaniline	U	5.0									
4-Chlorophenyl phenyl ether	U	5.0									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1402006**

12-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: 102-14 & 102-16 Liberty Ave., Queens

TestCode: **8270_W**

Sample ID	**MB-232**	SampType:	**MBLK**	TestCode:	**8270_W**	Units:	**µg/L**		Prep Date:	**2/5/2014**		RunNo:	**396**		
Client ID:	**PBW**	Batch ID:	**232**	TestNo:	**SW8270D**	**SW3510C**			Analysis Date:	**2/6/2014**		SeqNo:	**6841**		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Nitroaniline	U	5.0									
4-Nitrophenol	U	10									
Acenaphthene	U	5.0									
Acenaphthylene	U	5.0									
Acetophenone	U	5.0									
Aniline	U	5.0									
Anthracene	U	5.0									
Atrazine	U	5.0									
Azobenzene	U	5.0									
Benzaldehyde	U	10									
Benzidine	U	10									
Benzo(a)anthracene	U	5.0									
Benzo(a)pyrene	U	5.0									
Benzo(b)fluoranthene	U	5.0									
Benzo(g,h,i)perylene	U	5.0									
Benzo(k)fluoranthene	U	5.0									
Benzoic acid	U	10									
Benzyl alcohol	U	5.0									
Biphenyl	U	5.0									
Bis(2-chloroethoxy)methane	U	5.0									
Bis(2-chloroethyl)ether	U	5.0									
Bis(2-chloroisopropyl)ether	U	5.0									
Bis(2-ethylhexyl)phthalate	U	10									
Butyl benzyl phthalate	U	10									
Caprolactam	U	5.0									
Carbazole	U	5.0									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1402006**

12-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: 102-14 & 102-16 Liberty Ave., Queens

TestCode: **8270_W**

Sample ID	**MB-232**	SampType:	**MBLK**	TestCode:	**8270_W**	Units:	**µg/L**	Prep Date:	**2/5/2014**	RunNo:	**396**		
Client ID:	**PBW**	Batch ID:	**232**	TestNo:	**SW8270D**	**SW3510C**		Analysis Date:	**2/6/2014**	SeqNo:	**6841**		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chrysene	U	5.0									
Dibenzo(a,h)anthracene	U	5.0									
Dibenzofuran	U	5.0									
Diethyl phthalate	U	5.0									
Dimethyl phthalate	U	5.0									
Di-n-butyl phthalate	U	5.0									
Di-n-octyl phthalate	U	5.0									
Fluoranthene	U	5.0									
Fluorene	U	5.0									
Hexachlorobenzene	U	5.0									
Hexachlorobutadiene	U	5.0									
Hexachlorocyclopentadiene	U	10									
Hexachloroethane	U	5.0									
Indeno(1,2,3-c,d)pyrene	U	5.0									
Isophorone	U	5.0									
Naphthalene	U	5.0									
Nitrobenzene	U	5.0									
N-Nitrosodimethylamine	U	5.0									
N-Nitrosodi-n-propylamine	U	5.0									
N-Nitrosodiphenylamine	U	5.0									
Parathion	U	10									
Pentachlorophenol	U	10									
Phenanthrene	U	5.0									
Phenol	U	5.0									
Pyrene	U	5.0									
Pyridine	U	5.0									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1402006**

12-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: 102-14 & 102-16 Liberty Ave., Queens

TestCode: **8270_W**

Sample ID **MB-232** SampType: **MBLK** TestCode: **8270_W** Units: **µg/L** Prep Date: **2/5/2014** RunNo: **396**

Client ID: **PBW** Batch ID: **232** TestNo: **SW8270D** **SW3510C** Analysis Date: **2/6/2014** SeqNo: **6841**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2,4,6-Tribromophenol	28		40.00		70.6	18	134				
Surr: 2-Fluorobiphenyl	16		20.00		79.1	22	134				
Surr: 2-Fluorophenol	23		40.00		56.8	12	111				
Surr: 4-Terphenyl-d14	18		20.00		87.8	20	144				
Surr: Nitrobenzene-d5	13		20.00		66.5	21	146				
Surr: Phenol-d6	14		40.00		33.9	10	110				

Sample ID **LCS-232** SampType: **LCS** TestCode: **8270_W** Units: **µg/L** Prep Date: **2/5/2014** RunNo: **396**

Client ID: **LCSW** Batch ID: **232** TestNo: **SW8270D** **SW3510C** Analysis Date: **2/6/2014** SeqNo: **6842**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	14	5.0	20.00	0	71.6	21	125				
1,2-Dichlorobenzene	16	5.0	20.00	0	82.0	30	117				
1,3-Dichlorobenzene	16	5.0	20.00	0	81.7	31	120				
1,4-Dichlorobenzene	16	5.0	20.00	0	81.8	37	120				
2,4,6-Trichlorophenol	14	5.0	20.00	0	68.7	42	124				
2,4-Dichlorophenol	14	5.0	20.00	0	70.3	46	122				
2,4-Dimethylphenol	7.0	10	20.00	0	34.8	8	124				J
2,4-Dinitrophenol	16	10	20.00	0	82.0	10	142				
2,4-Dinitrotoluene	14	5.0	20.00	0	69.2	39	136				
2,6-Dinitrotoluene	13	5.0	20.00	0	63.3	37	130				
2-Chloronaphthalene	15	5.0	20.00	0	76.8	26	124				
2-Chlorophenol	15	5.0	20.00	0	77.3	40	115				
2-Nitrophenol	14	10	20.00	0	68.3	45	120				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1402006**

12-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: 102-14 & 102-16 Liberty Ave., Queens

TestCode: **8270_W**

Sample ID **LCS-232** SampType: **LCS** TestCode: **8270_W** Units: **µg/L** Prep Date: **2/5/2014** RunNo: **396**

Client ID: **LCSW** Batch ID: **232** TestNo: **SW8270D** **SW3510C** Analysis Date: **2/6/2014** SeqNo: **6842**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,6-Dinitro-2-methylphenol	14	10	20.00	0	70.5	18	132				
4-Bromophenyl phenyl ether	17	5.0	20.00	0	85.8	41	130				
4-Chloro-3-methylphenol	14	5.0	20.00	0	71.0	35	120				
4-Chlorophenyl phenyl ether	17	5.0	20.00	0	84.4	33	128				
4-Nitrophenol	5.9	10	20.00	0	29.4	10	120				J
Acenaphthene	15	5.0	20.00	0	76.5	34	130				
Acenaphthylene	15	5.0	20.00	0	77.0	32	130				
Anthracene	16	5.0	20.00	0	82.4	40	133				
Benzo(a)anthracene	16	5.0	20.00	0	81.9	41	130				
Benzo(a)pyrene	16	5.0	20.00	0	78.3	39	135				
Benzo(b)fluoranthene	17	5.0	20.00	0	82.6	41	141				
Benzo(g,h,i)perylene	16	5.0	20.00	0	80.3	26	140				
Benzo(k)fluoranthene	17	5.0	20.00	0	84.6	25	143				
Bis(2-chloroethoxy)methane	14	5.0	20.00	0	71.7	35	117				
Bis(2-chloroethyl)ether	17	5.0	20.00	0	84.4	41	120				
Bis(2-chloroisopropyl)ether	16	5.0	20.00	0	82.2	26	128				
Bis(2-ethylhexyl)phthalate	16	10	20.00	0	78.0	45	135				
Butyl benzyl phthalate	16	10	20.00	0	80.7	28	140				
Chrysene	17	5.0	20.00	0	84.1	42	130				
Dibenzo(a,h)anthracene	15	5.0	20.00	0	76.7	30	138				
Diethyl phthalate	17	5.0	20.00	0	83.3	20	133				
Dimethyl phthalate	16	5.0	20.00	0	78.4	50	125				
Di-n-butyl phthalate	17	5.0	20.00	0	82.9	42	142				
Di-n-octyl phthalate	16	5.0	20.00	0	80.5	45	145				
Fluoranthene	16	5.0	20.00	0	80.5	30	143				
Fluorene	16	5.0	20.00	0	80.2	34	126				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1402006**

12-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: 102-14 & 102-16 Liberty Ave., Queens

TestCode: **8270_W**

Sample ID **LCS-232** SampType: **LCS** TestCode: **8270_W** Units: **µg/L** Prep Date: **2/5/2014** RunNo: **396**

Client ID: **LCSW** Batch ID: **232** TestNo: **SW8270D** **SW3510C** Analysis Date: **2/6/2014** SeqNo: **6842**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobenzene	16	5.0	20.00	0	81.8	33	125				
Hexachlorobutadiene	15	5.0	20.00	0	74.2	20	131				
Hexachlorocyclopentadiene	8.7	10	20.00	0	43.4	2	115				J
Hexachloroethane	16	5.0	20.00	0	80.8	20	127				
Indeno(1,2,3-c,d)pyrene	15	5.0	20.00	0	74.2	30	146				m
Isophorone	15	5.0	20.00	0	73.7	40	127				
Naphthalene	15	5.0	20.00	0	74.4	22	126				
Nitrobenzene	14	5.0	20.00	0	69.5	46	118				
N-Nitrosodimethylamine	9.1	5.0	20.00	0	45.7	12	102				
N-Nitrosodi-n-propylamine	16	5.0	20.00	0	77.9	41	121				
N-Nitrosodiphenylamine	7.1	5.0	20.00	0	35.4	12	114				
Pentachlorophenol	18	10	20.00	0	88.1	20	136				
Phenanthrene	17	5.0	20.00	0	85.4	36	138				
Phenol	6.7	5.0	20.00	0	33.5	9	95				
Pyrene	17	5.0	20.00	0	84.5	33	138				
Surr: 2,4,6-Tribromophenol	32		40.00		78.8	18	134				
Surr: 2-Fluorobiphenyl	15		20.00		76.6	22	134				
Surr: 2-Fluorophenol	20		40.00		50.9	12	111				
Surr: 4-Terphenyl-d14	17		20.00		84.7	20	144				
Surr: Nitrobenzene-d5	14		20.00		69.8	21	146				
Surr: Phenol-d6	13		40.00		32.9	10	110				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1402006**

12-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: 102-14 & 102-16 Liberty Ave., Queens

TestCode: **HG_D**

Sample ID **MBD020614A** SampType: **MBLK** TestCode: **HG_D** Units: **mg/L** Prep Date: RunNo: **377**

Client ID: **PBW** Batch ID: **249** TestNo: **E245.1** **SW3005A** Analysis Date: **2/6/2014** SeqNo: **6533**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	U	0.000250									

Sample ID **LCSD020614D** SampType: **LCS** TestCode: **HG_D** Units: **mg/L** Prep Date: RunNo: **377**

Client ID: **LCSW** Batch ID: **249** TestNo: **E245.1** **SW3005A** Analysis Date: **2/6/2014** SeqNo: **6534**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00401	0.000250	0.004000	0	100	80	120				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

American Analytical Laboratories, LLC.
56 Toledo Street
Farmingdale, New York 11735
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Website: www.American-Analytical.com

QC SUMMARY REPORT

WO#: **1402006**

12-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: 102-14 & 102-16 Liberty Ave., Queens

TestCode: **HG_W**

Sample ID **MBW020614A** SampType: **MBLK** TestCode: **HG_W** Units: **mg/L** Prep Date: RunNo: **377**
Client ID: **PBW** Batch ID: **R377** TestNo: **E245.1** Analysis Date: **2/6/2014** SeqNo: **6538**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	U	0.000250									

Sample ID **LCSW020614A** SampType: **LCS** TestCode: **HG_W** Units: **mg/L** Prep Date: RunNo: **377**
Client ID: **LCSW** Batch ID: **R377** TestNo: **E245.1** Analysis Date: **2/6/2014** SeqNo: **6539**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00405	0.000250	0.004000	0	101	80	120				

Sample ID **1402002-001CMS** SampType: **MS** TestCode: **HG_W** Units: **mg/L** Prep Date: RunNo: **377**
Client ID: **BatchQC** Batch ID: **R377** TestNo: **E245.1** Analysis Date: **2/6/2014** SeqNo: **6546**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00379	0.000250	0.004000	0.0001700	90.5	75	125				

Sample ID **1402002-001C-MSD** SampType: **MSD** TestCode: **HG_W** Units: **mg/L** Prep Date: RunNo: **377**
Client ID: **BatchQC** Batch ID: **R377** TestNo: **E245.1** Analysis Date: **2/6/2014** SeqNo: **6547**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00392	0.000250	0.004000	0.0001700	93.8	75	125	0.003790	3.37	20	

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1402006**

12-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: 102-14 & 102-16 Liberty Ave., Queens

TestCode: **HG_W**

Sample ID **MBW021114A** SampType: **MBLK** TestCode: **HG_W** Units: **mg/L** Prep Date: RunNo: **417**

Client ID: **PBW** Batch ID: **R417** TestNo: **E245.1** Analysis Date: **2/11/2014** SeqNo: **7092**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	U	0.000250									

Sample ID **LCSW021114A** SampType: **LCS** TestCode: **HG_W** Units: **mg/L** Prep Date: RunNo: **417**

Client ID: **LCSW** Batch ID: **R417** TestNo: **E245.1** Analysis Date: **2/11/2014** SeqNo: **7093**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00383	0.000250	0.004000	0	95.8	80	120				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1402006**

12-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: 102-14 & 102-16 Liberty Ave., Queens

TestCode: **ICPSCAN_D**

Sample ID	**MBD020514A**	SampType:	**MBLK**	TestCode:	**ICPSCAN_D**	Units:	**mg/L**	Prep Date:	**2/5/2014**	RunNo:	**364**		
Client ID:	**PBW**	Batch ID:	**249**	TestNo:	**E200.7**	**SW3005A**		Analysis Date:	**2/5/2014**	SeqNo:	**6387**		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	U	0.0200									
Antimony	U	0.0200									
Arsenic	U	0.0250									
Barium	U	0.0200									
Beryllium	U	0.0200									
Cadmium	U	0.0100									
Calcium	U	0.0250									
Chromium	U	0.0200									
Cobalt	U	0.0200									
Copper	U	0.0200									
Iron	U	0.0200									
Lead	U	0.0150									
Magnesium	U	0.0200									
Manganese	U	0.0200									
Nickel	U	0.0200									
Potassium	U	0.100									
Selenium	U	0.0250									
Silver	U	0.0200									
Sodium	U	0.0300									
Thallium	U	0.0150									
Vanadium	U	0.0200									
Zinc	U	0.0200									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1402006**

12-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: 102-14 & 102-16 Liberty Ave., Queens

TestCode: **ICPSCAN_D**

Sample ID **LCWD020514A** SampType: **LCS** TestCode: **ICPSCAN_D** Units: **mg/L** Prep Date: **2/5/2014** RunNo: **364**

Client ID: **LCSW** Batch ID: **249** TestNo: **E200.7** **SW3005A** Analysis Date: **2/5/2014** SeqNo: **6388**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	1.95	0.0200	2.000	0	97.4	85	115				
Antimony	2.00	0.0200	2.000	0	100	85	115				
Arsenic	2.02	0.0250	2.000	0	101	85	115				
Barium	1.94	0.0200	2.000	0	96.8	85	115				
Beryllium	1.96	0.0200	2.000	0	98.1	85	115				
Cadmium	1.99	0.0100	2.000	0	99.7	85	115				
Calcium	1.94	0.0250	2.000	0	97.0	85	115				
Chromium	2.05	0.0200	2.000	0	102	85	115				
Cobalt	2.02	0.0200	2.000	0	101	85	115				
Copper	1.92	0.0200	2.000	0	96.0	85	115				
Iron	1.96	0.0200	2.000	0	97.9	85	115				
Lead	2.01	0.0150	2.000	0	100	85	115				
Magnesium	1.96	0.0200	2.000	0	98.1	85	115				
Manganese	1.94	0.0200	2.000	0	96.8	85	115				
Nickel	1.99	0.0200	2.000	0	99.4	85	115				
Potassium	19.6	0.100	20.00	0	97.9	85	115				
Selenium	1.99	0.0250	2.000	0	99.3	85	115				
Silver	1.92	0.0200	2.000	0	95.9	85	115				
Sodium	2.20	0.0300	2.000	0	110	85	115				
Thallium	1.92	0.0150	2.000	0	95.9	85	115				
Vanadium	1.95	0.0200	2.000	0	97.3	85	115				
Zinc	2.00	0.0200	2.000	0	100	85	115				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1402006**

12-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: 102-14 & 102-16 Liberty Ave., Queens

TestCode: **ICPSCAN_W**

Sample ID	**MBW020514A**	SampType:	**MBLK**	TestCode:	**ICPSCAN_W**	Units:	**mg/L**	Prep Date:	**2/5/2014**	RunNo:	**365**		
Client ID:	**PBW**	Batch ID:	**248**	TestNo:	**E200.7**	**SW3010A**		Analysis Date:	**2/5/2014**	SeqNo:	**6394**		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	U	0.0200									
Antimony	U	0.0200									
Arsenic	U	0.0250									
Barium	U	0.0200									
Beryllium	U	0.0200									
Cadmium	U	0.0100									
Calcium	U	0.0250									
Chromium	U	0.0200									
Cobalt	U	0.0200									
Copper	U	0.0200									
Iron	U	0.0200									
Lead	U	0.0150									
Magnesium	U	0.0200									
Manganese	U	0.0200									
Nickel	U	0.0200									
Potassium	U	0.200									
Selenium	U	0.0250									
Silver	U	0.0200									
Sodium	U	0.0300									
Thallium	U	0.0150									
Vanadium	U	0.0200									
Zinc	U	0.0200									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1402006**

12-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: 102-14 & 102-16 Liberty Ave., Queens

TestCode: **ICPSCAN_W**

Sample ID **LCSW020514A** SampType: **LCS** TestCode: **ICPSCAN_W** Units: **mg/L** Prep Date: **2/5/2014** RunNo: **365**

Client ID: **LCSW** Batch ID: **248** TestNo: **E200.7** **SW3010A** Analysis Date: **2/5/2014** SeqNo: **6395**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	1.94	0.0200	2.000	0	97.2	85	115				
Antimony	1.99	0.0200	2.000	0	99.3	85	115				
Arsenic	2.01	0.0250	2.000	0	101	85	115				
Barium	1.92	0.0200	2.000	0	96.2	85	115				
Beryllium	1.97	0.0200	2.000	0	98.7	85	115				
Cadmium	2.00	0.0100	2.000	0	100	85	115				
Calcium	1.95	0.0250	2.000	0	97.6	85	115				
Chromium	2.05	0.0200	2.000	0	102	85	115				
Cobalt	2.02	0.0200	2.000	0	101	85	115				
Copper	1.92	0.0200	2.000	0	96.0	85	115				
Iron	1.96	0.0200	2.000	0	97.8	85	115				
Lead	2.01	0.0150	2.000	0	101	85	115				
Magnesium	1.97	0.0200	2.000	0	98.3	85	115				
Manganese	1.94	0.0200	2.000	0	96.9	85	115				
Nickel	1.99	0.0200	2.000	0	99.6	85	115				
Potassium	19.7	0.200	20.00	0	98.4	85	115				
Selenium	1.97	0.0250	2.000	0	98.7	85	115				
Silver	1.92	0.0200	2.000	0	96.0	85	115				
Sodium	2.18	0.0300	2.000	0	109	85	115				
Thallium	1.92	0.0150	2.000	0	95.9	85	115				
Vanadium	1.95	0.0200	2.000	0	97.7	85	115				
Zinc	2.01	0.0200	2.000	0	101	85	115				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1402006**

12-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: 102-14 & 102-16 Liberty Ave., Queens

TestCode: **ICPSCAN_W**

Sample ID **1402002-001CMS** SampType: **MS** TestCode: **ICPSCAN_W** Units: **mg/L** Prep Date: **2/5/2014** RunNo: **365**

Client ID: **BatchQC** Batch ID: **248** TestNo: **E200.7** **SW3010A** Analysis Date: **2/5/2014** SeqNo: **6397**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	13.9	0.0200	1.000	13.51	41.1	60	132				S
Antimony	0.994	0.0200	1.000	0.02141	97.2	60	133				
Arsenic	0.981	0.0250	1.000	0	98.1	70	130				
Barium	3.20	0.0200	1.000	2.399	79.9	66	135				
Beryllium	0.918	0.0200	1.000	0	91.8	70	130				
Cadmium	0.942	0.0100	1.000	0	94.2	70	130				
Calcium	88.1	0.0250	1.000	90.20	-209	70	130				S
Chromium	0.994	0.0200	1.000	0.04399	95.0	69	131				
Cobalt	0.892	0.0200	1.000	0.008178	88.3	61	125				
Copper	2.27	0.0200	1.000	1.394	88.0	70	130				
Iron	36.1	0.0200	1.000	36.78	-63.3	51	131				S
Lead	1.07	0.0150	1.000	0.1707	90.1	68	128				
Magnesium	11.8	0.0200	1.000	11.45	35.6	25	125				
Manganese	1.41	0.0200	1.000	0.5471	86.5	65	127				
Nickel	0.978	0.0200	1.000	0.06737	91.0	68	130				
Potassium	17.7	0.200	10.00	6.149	116	70	134				
Selenium	0.940	0.0250	1.000	0	94.0	70	130				
Silver	0.886	0.0200	1.000	0	88.6	60	125				
Sodium	15.1	0.0300	1.000	14.41	66.3	30	135				
Thallium	0.892	0.0150	1.000	0	89.2	65	133				
Vanadium	0.950	0.0200	1.000	0.01225	93.8	70	130				
Zinc	18.4	0.0200	1.000	18.23	16.0	68	132				S

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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Website: www.American-Analytical.com

QC SUMMARY REPORT

WO#: **1402006**

12-Feb-14

Client: J.R. Holzmacher P.E. LLC

Project: 102-14 & 102-16 Liberty Ave., Queens

TestCode: **ICPSCAN_W**

Sample ID **1402002-001CMSD** SampType: **MSD** TestCode: **ICPSCAN_W** Units: **mg/L** Prep Date: **2/5/2014** RunNo: **365**

Client ID: **BatchQC** Batch ID: **248** TestNo: **E200.7** **SW3010A** Analysis Date: **2/5/2014** SeqNo: **6398**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	14.0	0.0200	1.000	13.51	44.9	60	132	13.93	0.275	20	S
Antimony	1.02	0.0200	1.000	0.02141	100	60	133	0.9937	3.02	20	
Arsenic	0.988	0.0250	1.000	0	98.8	70	130	0.9809	0.679	20	
Barium	3.21	0.0200	1.000	2.399	81.0	66	135	3.199	0.352	20	
Beryllium	0.919	0.0200	1.000	0	91.9	70	130	0.9182	0.111	20	
Cadmium	0.945	0.0100	1.000	0	94.5	70	130	0.9425	0.217	20	
Calcium	88.2	0.0250	1.000	90.20	-202	70	130	88.11	0.0835	20	S
Chromium	0.996	0.0200	1.000	0.04399	95.2	69	131	0.9937	0.266	20	
Cobalt	0.899	0.0200	1.000	0.008178	89.1	61	125	0.8915	0.818	20	
Copper	2.28	0.0200	1.000	1.394	88.8	70	130	2.274	0.342	20	
Iron	36.3	0.0200	1.000	36.78	-47.8	51	131	36.14	0.429	20	S
Lead	1.07	0.0150	1.000	0.1707	90.4	68	128	1.072	0.307	20	
Magnesium	11.9	0.0200	1.000	11.45	49.1	25	125	11.81	1.14	20	
Manganese	1.42	0.0200	1.000	0.5471	87.3	65	127	1.412	0.606	20	
Nickel	0.979	0.0200	1.000	0.06737	91.2	68	130	0.9775	0.139	20	
Potassium	17.8	0.200	10.00	6.149	116	70	134	17.74	0.185	20	
Selenium	0.940	0.0250	1.000	0	94.0	70	130	0.9396	0.0613	20	
Silver	0.891	0.0200	1.000	0	89.1	60	125	0.8860	0.561	20	
Sodium	15.0	0.0300	1.000	14.41	62.9	30	135	15.08	0.225	20	
Thallium	0.889	0.0150	1.000	0	88.9	65	133	0.8919	0.270	20	
Vanadium	0.954	0.0200	1.000	0.01225	94.2	70	130	0.9498	0.419	20	
Zinc	18.4	0.0200	1.000	18.23	17.9	68	132	18.39	0.107	20	S

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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Website: www.American-Analytical.com

Sample Log-In Check List

Client Name: **HOLZMACHER** Work Order Number: **1402006** RcptNo: **1**

Logged by:	**Cate Ferrara**	**2/4/2014 1:00:00 PM**	C Ferrara
Completed By:	**Cate Ferrara**	**2/4/2014**	C Ferrara
Reviewed By:	**Lori Beyer**	**2/4/2014**	Lori Beyer

Chain of Custody

1. Is Chain of Custody complete? Yes ☑ No ☐ Not Present ☐
2. How was the sample delivered? Client

Log In

3. Coolers are present? Yes ☑ No ☐ NA ☐
4. Shipping container/cooler in good condition? Yes ☑ No ☐
   Custody seals intact on shipping container/cooler? Yes ☐ No ☐ Not Present ☑
   No. Seal Date: Signed By:
5. Was an attempt made to cool the samples? Yes ☑ No ☐ NA ☐
6. Were all samples received at a temperature of >0° C to 6.0°C Yes ☑ No ☐ NA ☐
7. Sample(s) in proper container(s)? Yes ☑ No ☐
8. Sufficient sample volume for indicated test(s)? Yes ☑ No ☐
9. Are samples (except VOA and ONG) properly preserved? Yes ☑ No ☐
10. Was preservative added to bottles? Yes ☐ No ☑ NA ☐
11. Is the headspace in the VOA vials less than 1/4 inch or 6 mm? Yes ☑ No ☐ No VOA Vials ☐
12. Were any sample containers received broken? Yes ☐ No ☑
13. Does paperwork match bottle labels? Yes ☑ No ☐
    (Note discrepancies on chain of custody)
14. Are matrices correctly identified on Chain of Custody? Yes ☑ No ☐
15. Is it clear what analyses were requested? Yes ☑ No ☐
16. Were all holding times able to be met? Yes ☑ No ☐
    (If no, notify customer for authorization.)

Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified:		Date	
By Whom:		Via:	☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:			
Client Instructions:			

18. Additional remarks:

Cooler Information

Cooler No	Temp ºC	Condition	Seal Intact	Seal No	Seal Date	Signed By

Definitions:

Sample Result and QC Summary Qualifiers - Level I and Level II Reports

B - The analyte was detected in the associated method blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consier anything <10x the blank value as artifact.

E - The value is above the quantitation range

J - The analyte was detected below the limit of quantitation but greater than the established Limit of Detection (LOD). There is greater uncertainty associated with these results and data should be considered as estimated.

U - The compound was analyzed for but not detected.

H - Holding time for preparation or analysis has been exceeded.

S - Spike recovery is outside accepted recovery limits.

R - RPD is outside accepted recovery range.

P - Secondary column exceeds 40% difference for GC test.

* - Calibration exceeds method requirement. Due to the large number of analytes for organic testing, the method allows 10% of analytes to have %RSD and/or %D to be >20%.

LOD - Limit of Detection; the lowest level the analyte can be determined to be statistically different from a blank.

LOQ - Limit of Quantitation; the lowest amount of analyte in a sample that can be quantitatively determined with suitable precision and accurary.

m - Analyte was manually integrated for GC/MS.

+ - Concentration exceeds regulatory level for TCLP

CHAIN OF CUSTODY

AMERICAN ANALYTICAL LABORATORIES

56 Toledo Street, Farmingdale NY 11735
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www.american-analytical.com

CERTIFICATIONS
NY ELAP - 11418 PA DEP - 68-00573
NJ DEP - NY050 CT DOH - PH-0205

Client Information

Company Name: J.R. Holzmacher P.E., LLC
Address: 3555 Veterans Memorial Hwy Ste H
City: Ronkonkoma State: NY Zip: 11779
Project Contact: Jim Demattinis
Phone #: 631-234-2220
E-mail: jind@holzmacher.com

Project Information

Project Name: Vanna 5 13-01
Street: 102-14 & 102-16 Liberty Ave.
City: Queens State: NY Zip:
Project #:
Sampler's Name / Company:
Sampler's Signature:

LAB SAMPLE # (LAB USE ONLY)	Client Sample ID	Sample Type	Matrix Code	Date	Time	Glass / Plastic	Total # of bottles	NONE	HCl	NaOH	HNO_3	H_2SO_4	$NaHSO_4$	MeOH	OTHER	VOC's 8260	SVOC's 8270	Pesticides/PCBs 8081/8082	TAL Metals	Dissolved TAL metals
1402006-001	MW-1	W	L	2/4/14	1130		7	3	2		2					X	X	X	X	X
002	MW-2	W			1150											X	X	X	X	X
003	MW-3	W			1210		2									X	X	X	X	X
004	FB	W		2/4/14	1128		6				1					X	X	X	X	
	TB	W					2									X				

Sample Information / **Sample Collection** / **Sample Containers** (Number of Each Preserved Bottle)

Turnaround Time (Business Days)

- [x] Standard 7-10 Business Days
- [ ] 5 Day *RUSH*
- [ ] 4 Day *RUSH*
- [ ] 3 Day *RUSH*
- [ ] 2 Day *RUSH*
- [ ] 1 Day *RUSH*

SAMPLE TYPE

G = Grab
C = Composite
B = Blank

MATRIX CODES

L = Liquid
S = Soil
O = Oil
W = Wipe
PC = Paint Chip
SL = Sludge
SD = Solid
M = Miscellaneous

Comments / Remarks

Cooler Temp: 41

Sample custody must be documented below, each time samples change possession, with a signature, date, and time.

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
[signature]	2/4/14 1300		P Masi	2/4/14 1:00	P Masi
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME

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DATA PACKAGE

VOLATILE ORGANICS

PROJECT NAME : YUNAJ 14-01

J.R.HOLZMACHER P.E., LLC

3555 Veterans Memorial Highway

Suite A

Ronkonkoma, NY - 11779

Phone No: 631-234-2220

ORDER ID : F1310

ATTENTION : Jim DeMartinis

DoD ELAP

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6.2) Lab Certificate 67

6.3) Internal COC 68

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Cover Page

Order ID : F1310

Project ID : YUNAJ 14-01

Client : J.R.Holzmacher P.E., LLC

Lab Sample Number	Client Sample Number
F1310-01	VP-1
F1310-02	VP-2
F1310-03	VP-3
F1310-04	VP-4

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 2/18/2014

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

J.R.Holzmacher P.E., LLC
Project Name: YUNAJ 14-01
Project # N/A
Chemtech Project # F1310
Test Name: TO-15

A. Number of Samples and Date of Receipt:
4 Air samples were received on 01/31/2014.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: TO-15. This data package contains results for TO-15.

C. Analytical Techniques:
The analysis performed on instrument MSVOA_L were done using GC column RTX-1, which is 60 meters, 0.32 mm id, 1.0 um df, Restek Cat. #10157. The Trap was supplied by Entech, glass bead and Tenax , Entech 7100A Preconcentrator.The analysis of TO-15 was based on method TO-15.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The Blank Spike for {VL0206ABS} with File ID: VL021992.D met requirements for all samples except for 1,2,4-Trichlorobenzene[134%], Naphthalene[135%] .
The RPD for F1310-04DUP with File ID: VL022016.D criteria. except for1,3,5-Trimethylbenzene(20.7%),1,4-Dichlorobenzene(200%),2,2,4-Trimethylpentane(32.3%),4-Ethyltoluene(21.6%),4-Methyl-2-Pentanone(200%),Carbon Tetrachloride(22.2%),Cyclohexane(21.3%),Heptane(22.2%),tert-Butyl alcohol(27.6%),Tetrachloroethene(24.6%),Tetrahydrofuran(32.3%),
The Blank analysis indicated presence of Methylene Chloride[0.36 ppbv] FileID:VL021991.D{VL0206ABL} due to possible lab contamination.
The Initial Calibration met the requirements except for Methylene Chloride have more than 30 % RSD in the Initial Calibration with dated 02/04/2014 with L instrument but as per method two compounds are allowed to be failed.
The Continuous Calibration met the requirements .
The Tuning criteria met requirements.
Samples VP-1, VP-3 and VP-4 were diluted due to high concentrations.

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I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: F1310

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

1st Level QA Review Signature: JAYESH RAMANI **Date:** 02/18/2014

2nd Level QA Review Signature: _____ **Date:** _____

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LAB CHRONICLE

OrderID:	F1310	**OrderDate:**	1/31/2014 12:47:48 PM
Client:	J.R.Holzmacher P.E., LLC	**Project:**	YUNAJ 14-01
Contact:	Jim DeMartinis	**Location:**	Air Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
F1310-01	**VP-1**	**Air**			**01/30/14**			**01/31/14**
			TO-15	TO-15			02/06/14	
F1310-01DL	**VP-1DL**	**Air**			**01/30/14**			**01/31/14**
			TO-15	TO-15			02/06/14	
F1310-02	**VP-2**	**Air**			**01/30/14**			**01/31/14**
			TO-15	TO-15			02/06/14	
F1310-03	**VP-3**	**Air**			**01/30/14**			**01/31/14**
			TO-15	TO-15			02/06/14	
F1310-03DL	**VP-3DL**	**Air**			**01/30/14**			**01/31/14**
			TO-15	TO-15			02/06/14	
F1310-04	**VP-4**	**Air**			**01/30/14**			**01/31/14**
			TO-15	TO-15			02/06/14	
F1310-04DL	**VP-4DL**	**Air**			**01/30/14**			**01/31/14**
			TO-15	TO-15			02/07/14	

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Hit Summary Sheet
SW-846

SDG No.: F1310

Client: J.R.Holzmacher P.E., LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID:	**VP-1**								
F1310-01	VP-1	Air	Dichlorodifluoromethane	2.77		0.2	0.49	2.47	ug/m3
F1310-01	VP-1	Air	Tetrahydrofuran	0.59	J	0.29	0.29	1.47	ug/m3
F1310-01	VP-1	Air	Trichlorofluoromethane	1.80	J	0.22	0.56	2.81	ug/m3
F1310-01	VP-1	Air	1,1,2-Trichlorotrifluoroethane	0.77	J	0.31	0.77	3.83	ug/m3
F1310-01	VP-1	Air	tert-Butyl alcohol	1.70		0.3	0.3	1.52	ug/m3
F1310-01	VP-1	Air	Heptane	18.00		0.41	0.41	2.05	ug/m3
F1310-01	VP-1	Air	Acetone	177.00	E	0.24	0.24	1.19	ug/m3
F1310-01	VP-1	Air	Carbon Disulfide	1.62		0.16	0.31	1.56	ug/m3
F1310-01	VP-1	Air	Methylene Chloride	2.71	B	0.17	0.35	1.74	ug/m3
F1310-01	VP-1	Air	Cyclohexane	1.00	J	0.34	0.34	1.72	ug/m3
F1310-01	VP-1	Air	2-Butanone	6.19		0.29	0.29	1.47	ug/m3
F1310-01	VP-1	Air	Carbon Tetrachloride	0.25	J	0.19	0.19	3.15	ug/m3
F1310-01	VP-1	Air	Chloroform	1.66	J	0.1	0.49	2.44	ug/m3
F1310-01	VP-1	Air	1,1,1-Trichloroethane	0.60	J	0.16	0.16	2.73	ug/m3
F1310-01	VP-1	Air	2,2,4-Trimethylpentane	1.17	J	0.19	0.47	2.34	ug/m3
F1310-01	VP-1	Air	Benzene	6.07		0.13	0.32	1.6	ug/m3
F1310-01	VP-1	Air	Trichloroethene	0.48	J	0.11	0.16	2.69	ug/m3
F1310-01	VP-1	Air	4-Methyl-2-Pentanone	1.15	J	0.2	0.41	2.05	ug/m3
F1310-01	VP-1	Air	Toluene	125.00	E	0.19	0.38	1.88	ug/m3
F1310-01	VP-1	Air	Tetrachloroethene	34.60		0.2	0.2	3.39	ug/m3
F1310-01	VP-1	Air	Ethyl Benzene	24.30		0.43	0.43	2.17	ug/m3
F1310-01	VP-1	Air	m/p-Xylene	87.70		0.43	0.87	4.34	ug/m3
F1310-01	VP-1	Air	o-Xylene	23.90		0.43	0.43	2.17	ug/m3
F1310-01	VP-1	Air	Styrene	0.43	J	0.43	0.43	2.13	ug/m3
F1310-01	VP-1	Air	1,3,5-Trimethylbenzene	2.51		0.49	0.49	2.46	ug/m3
F1310-01	VP-1	Air	1,2,4-Trimethylbenzene	8.36		0.49	0.49	2.46	ug/m3
F1310-01	VP-1	Air	4-Ethyltoluene	7.87		0.49	0.49	2.46	ug/m3
F1310-01	VP-1	Air	Hexane	7.05		0.14	0.35	1.76	ug/m3
			Total Voc :	547.25					
			Total Concentration:	547.25					
Client ID:	**VP-1DL**								
F1310-01DL	VP-1DL	Air	Heptane	9.43	JD	4.1	4.1	20.5	ug/m3
F1310-01DL	VP-1DL	Air	Acetone	205.00	D	2.38	2.38	11.9	ug/m3
F1310-01DL	VP-1DL	Air	2-Butanone	4.42	JD	2.95	2.95	14.8	ug/m3
F1310-01DL	VP-1DL	Air	Benzene	4.15	JD	1.28	3.19	16.0	ug/m3
F1310-01DL	VP-1DL	Air	Toluene	99.10	D	1.88	3.77	18.8	ug/m3
F1310-01DL	VP-1DL	Air	Tetrachloroethene	28.50	JD	2.03	2.03	33.9	ug/m3

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Hit Summary Sheet
SW-846

SDG No.: F1310

Client: J.R.Holzmacher P.E., LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
F1310-01DL	VP-1DL	Air	Ethyl Benzene	14.30	JD	4.34	4.34	21.7	ug/m3
F1310-01DL	VP-1DL	Air	m/p-Xylene	63.00	D	4.34	8.69	43.4	ug/m3
F1310-01DL	VP-1DL	Air	o-Xylene	17.40	JD	4.34	4.34	21.7	ug/m3
F1310-01DL	VP-1DL	Air	4-Ethyltoluene	5.41	JD	4.92	4.92	24.6	ug/m3
F1310-01DL	VP-1DL	Air	Hexane	6.70	JD	1.41	3.52	17.6	ug/m3
			Total Voc :	457.41					
			Total Concentration:	457.41					
Client ID:	**VP-2**								
F1310-02	VP-2	Air	Dichlorodifluoromethane	2.92		0.2	0.49	2.47	ug/m3
F1310-02	VP-2	Air	Chloromethane	0.64	J	0.21	0.21	1.03	ug/m3
F1310-02	VP-2	Air	Chloroethane	0.29	J	0.26	0.26	1.32	ug/m3
F1310-02	VP-2	Air	Trichlorofluoromethane	1.57	J	0.22	0.56	2.81	ug/m3
F1310-02	VP-2	Air	1,1,2-Trichlorotrifluoroethane	0.69	J	0.31	0.77	3.83	ug/m3
F1310-02	VP-2	Air	Heptane	5.74		0.41	0.41	2.05	ug/m3
F1310-02	VP-2	Air	Acetone	18.50		0.24	0.24	1.19	ug/m3
F1310-02	VP-2	Air	Carbon Disulfide	4.98		0.16	0.31	1.56	ug/m3
F1310-02	VP-2	Air	Methylene Chloride	3.82	B	0.17	0.35	1.74	ug/m3
F1310-02	VP-2	Air	Cyclohexane	0.76	J	0.34	0.34	1.72	ug/m3
F1310-02	VP-2	Air	Carbon Tetrachloride	0.25	J	0.19	0.19	3.15	ug/m3
F1310-02	VP-2	Air	Chloroform	0.49	J	0.1	0.49	2.44	ug/m3
F1310-02	VP-2	Air	1,1,1-Trichloroethane	0.22	J	0.16	0.16	2.73	ug/m3
F1310-02	VP-2	Air	2,2,4-Trimethylpentane	0.93	J	0.19	0.47	2.34	ug/m3
F1310-02	VP-2	Air	Benzene	2.84		0.13	0.32	1.6	ug/m3
F1310-02	VP-2	Air	Toluene	28.30		0.19	0.38	1.88	ug/m3
F1310-02	VP-2	Air	Tetrachloroethene	5.90		0.2	0.2	3.39	ug/m3
F1310-02	VP-2	Air	Ethyl Benzene	2.22		0.43	0.43	2.17	ug/m3
F1310-02	VP-2	Air	m/p-Xylene	7.38		0.43	0.87	4.34	ug/m3
F1310-02	VP-2	Air	o-Xylene	2.00	J	0.43	0.43	2.17	ug/m3
F1310-02	VP-2	Air	Hexane	4.23		0.14	0.35	1.76	ug/m3
			Total Voc :	94.67					
			Total Concentration:	94.67					
Client ID:	**VP-3**								
F1310-03	VP-3	Air	Dichlorodifluoromethane	2.77		0.2	0.49	2.47	ug/m3
F1310-03	VP-3	Air	Chloromethane	0.21	J	0.21	0.21	1.03	ug/m3
F1310-03	VP-3	Air	Tetrahydrofuran	0.56	J	0.29	0.29	1.47	ug/m3
F1310-03	VP-3	Air	Trichlorofluoromethane	1.80	J	0.22	0.56	2.81	ug/m3
F1310-03	VP-3	Air	1,1,2-Trichlorotrifluoroethane	0.77	J	0.31	0.77	3.83	ug/m3
F1310-03	VP-3	Air	tert-Butyl alcohol	1.09	J	0.3	0.3	1.52	ug/m3

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Hit Summary Sheet
SW-846

SDG No.: F1310

Client: J.R.Holzmacher P.E., LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
F1310-03	VP-3	Air	Heptane	11.50		0.41	0.41	2.05	ug/m3
F1310-03	VP-3	Air	Acetone	155.00	E	0.24	0.24	1.19	ug/m3
F1310-03	VP-3	Air	Carbon Disulfide	2.90		0.16	0.31	1.56	ug/m3
F1310-03	VP-3	Air	Methylene Chloride	4.86	B	0.17	0.35	1.74	ug/m3
F1310-03	VP-3	Air	Cyclohexane	0.72	J	0.34	0.34	1.72	ug/m3
F1310-03	VP-3	Air	2-Butanone	5.60		0.29	0.29	1.47	ug/m3
F1310-03	VP-3	Air	Carbon Tetrachloride	0.19	J	0.19	0.19	3.15	ug/m3
F1310-03	VP-3	Air	Chloroform	0.54	J	0.1	0.49	2.44	ug/m3
F1310-03	VP-3	Air	1,1,1-Trichloroethane	0.49	J	0.16	0.16	2.73	ug/m3
F1310-03	VP-3	Air	2,2,4-Trimethylpentane	0.75	J	0.19	0.47	2.34	ug/m3
F1310-03	VP-3	Air	Benzene	3.83		0.13	0.32	1.6	ug/m3
F1310-03	VP-3	Air	Trichloroethene	0.11	J	0.11	0.16	2.69	ug/m3
F1310-03	VP-3	Air	4-Methyl-2-Pentanone	1.52	J	0.2	0.41	2.05	ug/m3
F1310-03	VP-3	Air	Toluene	95.00	E	0.19	0.38	1.88	ug/m3
F1310-03	VP-3	Air	Tetrachloroethene	21.70		0.2	0.2	3.39	ug/m3
F1310-03	VP-3	Air	Ethyl Benzene	20.00		0.43	0.43	2.17	ug/m3
F1310-03	VP-3	Air	m/p-Xylene	76.00		0.43	0.87	4.34	ug/m3
F1310-03	VP-3	Air	o-Xylene	21.70		0.43	0.43	2.17	ug/m3
F1310-03	VP-3	Air	1,3,5-Trimethylbenzene	3.24		0.49	0.49	2.46	ug/m3
F1310-03	VP-3	Air	1,2,4-Trimethylbenzene	12.80		0.49	0.49	2.46	ug/m3
F1310-03	VP-3	Air	Naphthalene	0.68	JQ	0.21	0.52	2.62	ug/m3
F1310-03	VP-3	Air	4-Ethyltoluene	8.85		0.49	0.49	2.46	ug/m3
F1310-03	VP-3	Air	Hexane	4.58		0.14	0.35	1.76	ug/m3
			Total Voc :	459.76					
			Total Concentration:	459.76					
Client ID:	**VP-3DL**								
F1310-03DL	VP-3DL	Air	Heptane	5.74	JD	4.1	4.1	20.5	ug/m3
F1310-03DL	VP-3DL	Air	Acetone	181.00	D	2.38	2.38	11.9	ug/m3
F1310-03DL	VP-3DL	Air	Carbon Disulfide	2.80	JD	1.56	3.11	15.6	ug/m3
F1310-03DL	VP-3DL	Air	2-Butanone	4.13	JD	2.95	2.95	14.8	ug/m3
F1310-03DL	VP-3DL	Air	Benzene	2.88	JD	1.28	3.19	16.0	ug/m3
F1310-03DL	VP-3DL	Air	Toluene	73.10	D	1.88	3.77	18.8	ug/m3
F1310-03DL	VP-3DL	Air	Tetrachloroethene	19.00	JD	2.03	2.03	33.9	ug/m3
F1310-03DL	VP-3DL	Air	Ethyl Benzene	11.30	JD	4.34	4.34	21.7	ug/m3
F1310-03DL	VP-3DL	Air	m/p-Xylene	55.20	D	4.34	8.69	43.4	ug/m3
F1310-03DL	VP-3DL	Air	o-Xylene	14.30	JD	4.34	4.34	21.7	ug/m3
F1310-03DL	VP-3DL	Air	1,2,4-Trimethylbenzene	6.88	JD	4.92	4.92	24.6	ug/m3
F1310-03DL	VP-3DL	Air	4-Ethyltoluene	5.90	JD	4.92	4.92	24.6	ug/m3

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Hit Summary Sheet
SW-846

SDG No.: F1310

Client: J.R.Holzmacher P.E., LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
			Total Voc :	382.23					
			Total Concentration:	382.23					
Client ID:	**VP-4**								
F1310-04	VP-4	Air	Dichlorodifluoromethane	2.77		0.2	0.49	2.47	ug/m3
F1310-04	VP-4	Air	Chloromethane	0.78	J	0.21	0.21	1.03	ug/m3
F1310-04	VP-4	Air	Tetrahydrofuran	0.38	J	0.29	0.29	1.47	ug/m3
F1310-04	VP-4	Air	Trichlorofluoromethane	2.70	J	0.22	0.56	2.81	ug/m3
F1310-04	VP-4	Air	1,1,2-Trichlorotrifluoroethane	0.69	J	0.31	0.77	3.83	ug/m3
F1310-04	VP-4	Air	tert-Butyl alcohol	0.76	J	0.3	0.3	1.52	ug/m3
F1310-04	VP-4	Air	Heptane	3.61		0.41	0.41	2.05	ug/m3
F1310-04	VP-4	Air	Acetone	90.00	E	0.24	0.24	1.19	ug/m3
F1310-04	VP-4	Air	Carbon Disulfide	1.03	J	0.16	0.31	1.56	ug/m3
F1310-04	VP-4	Air	Methylene Chloride	4.52	B	0.17	0.35	1.74	ug/m3
F1310-04	VP-4	Air	Cyclohexane	0.72	J	0.34	0.34	1.72	ug/m3
F1310-04	VP-4	Air	2-Butanone	4.13		0.29	0.29	1.47	ug/m3
F1310-04	VP-4	Air	Carbon Tetrachloride	0.25	J	0.19	0.19	3.15	ug/m3
F1310-04	VP-4	Air	2,2,4-Trimethylpentane	0.61	J	0.19	0.47	2.34	ug/m3
F1310-04	VP-4	Air	Benzene	2.30		0.13	0.32	1.6	ug/m3
F1310-04	VP-4	Air	Toluene	27.10		0.19	0.38	1.88	ug/m3
F1310-04	VP-4	Air	Tetrachloroethene	1.70	J	0.2	0.2	3.39	ug/m3
F1310-04	VP-4	Air	Ethyl Benzene	4.78		0.43	0.43	2.17	ug/m3
F1310-04	VP-4	Air	m/p-Xylene	18.20		0.43	0.87	4.34	ug/m3
F1310-04	VP-4	Air	o-Xylene	5.21		0.43	0.43	2.17	ug/m3
F1310-04	VP-4	Air	1,3,5-Trimethylbenzene	0.64	J	0.49	0.49	2.46	ug/m3
F1310-04	VP-4	Air	1,2,4-Trimethylbenzene	2.41	J	0.49	0.49	2.46	ug/m3
F1310-04	VP-4	Air	4-Ethyltoluene	1.62	J	0.49	0.49	2.46	ug/m3
F1310-04	VP-4	Air	Hexane	2.78		0.14	0.35	1.76	ug/m3
			Total Voc :	179.69					
			Total Concentration:	179.69					
Client ID:	**VP-4DL**								
F1310-04DL	VP-4DL	Air	Acetone	101.00	D	2.38	2.38	11.9	ug/m3
F1310-04DL	VP-4DL	Air	2-Butanone	3.24	JD	2.95	2.95	14.8	ug/m3
F1310-04DL	VP-4DL	Air	Toluene	13.20	JD	1.88	3.77	18.8	ug/m3
F1310-04DL	VP-4DL	Air	m/p-Xylene	7.38	JD	4.34	8.69	43.4	ug/m3
			Total Voc :	124.82					
			Total Concentration:	124.82					

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Project : YUNAJ 14-01

Field Id Number : VP-1

Laboratory Id Number : F1310-01

Sampling Date : 01/30/14

Analysis Date : 02/06/14

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	0.56		2.77		
Chloromethane	74-87-3	50.49	0.1	U	0.21		
Vinyl Chloride	75-01-4	62.5	0.03	U	0.08		
Bromomethane	74-83-9	94.94	0.1	U	0.39		
Chloroethane	75-00-3	64.52	0.1	U	0.26		
Tetrahydrofuran	109-99-9	72.11	0.2	J	0.59		
Trichlorofluoromethane	75-69-4	137.4	0.32	J	1.8		
Dichlorotetrafluoroethane	76-14-2	170.9	0.1	U	0.7		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	0.1	J	0.77		
Bromoethene	593-60-2	106.9	0.1	U	0.44		
tert-Butyl alcohol	75-65-0	74.12	0.56		1.7		
Heptane	142-82-5	100.2	4.4		18		
1,1-Dichloroethene	75-35-4	96.94	0.1	U	0.4		
Acetone	67-64-1	58.08	74.6	E	177		
Carbon Disulfide	75-15-0	76.14	0.52		1.62		
Methyl tert-Butyl Ether	1634-04-4	88.15	0.1	U	0.36		
Methylene Chloride	75-09-2	84.94	0.78		2.71		
trans-1,2-Dichloroethene	156-60-5	96.94	0.1	U	0.4		
1,1-Dichloroethane	75-34-3	98.96	0.1	U	0.4		
Cyclohexane	110-82-7	84.16	0.29	J	1		
2-Butanone	78-93-3	72.11	2.1		6.19		
Carbon Tetrachloride	56-23-5	153.8	0.04	J	0.25		
cis-1,2-Dichloroethene	156-59-2	96.94	0.1	U	0.4		
Chloroform	67-66-3	119.4	0.34	J	1.66		
1,1,1-Trichloroethane	71-55-6	133.4	0.11	J	0.6		
2,2,4-Trimethylpentane	540-84-1	114.2	0.25	J	1.17		
Benzene	71-43-2	78.11	1.9		6.07		
1,2-Dichloroethane	107-06-2	98.96	0.1	U	0.4		
Trichloroethene	79-01-6	131.4	0.09	J	0.48		
1,2-Dichloropropane	78-87-5	113	0.1	U	0.46		
Bromodichloromethane	75-27-4	163.8	0.1	U	0.67		
4-Methyl-2-Pentanone	108-10-1	100.2	0.28	J	1.15		
Toluene	108-88-3	92.14	33.2	E	125		
t-1,3-Dichloropropene	10061-02-6	111	0.1	U	0.45		
cis-1,3-Dichloropropene	10061-01-5	111	0.1	U	0.45		
1,1,2-Trichloroethane	79-00-5	133.4	0.1	U	0.55		

Project : YUNAJ 14-01

Field Id Number : VP-1

Laboratory Id Number : F1310-01

Sampling Date : 01/30/14

Analysis Date : 02/06/14

Target Analyts : Air Results

Dibromochloromethane	124-48-1	208.3	0.1	U	0.85		
1,2-Dibromoethane	106-93-4	187.9	0.1	U	0.77		
Tetrachloroethene	127-18-4	165.8	5.1		34.6		
Chlorobenzene	108-90-7	112.6	0.1	U	0.46		
Ethyl Benzene	100-41-4	106.2	5.6		24.3		
m/p-Xylene	179601-23-1	106.2	20.2		87.7		
o-Xylene	95-47-6	106.2	5.5		23.9		
Styrene	100-42-5	104.1	0.1	J	0.43		
Bromoform	75-25-2	252.8	0.1	U	1.03		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.1	U	0.69		
2-Chlorotoluene	95-49-8	126.6	0.1	U	0.52		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.51		2.51		
1,2,4-Trimethylbenzene	95-63-6	120.2	1.7		8.36		
1,3-Dichlorobenzene	541-73-1	147	0.1	U	0.6		
1,4-Dichlorobenzene	106-46-7	147	0.1	U	0.6		
1,2-Dichlorobenzene	95-50-1	147	0.1	U	0.6		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.1	U	0.74		
Hexachloro-1,3-Butadiene	87-68-3	260.8	0.1	U	1.07		
Naphthalene	91-20-3	128.17	0.1	U	0.52		
1,3-Butadiene	106-99-0	54.09	0.1	U	0.22		
4-Ethyltoluene	622-96-8	120.2	1.6		7.87		
Hexane	110-54-3	86.17	2		7.05		
Allyl Chloride	107-05-1	76.53	0.1	U	0.31		
1,4-Dioxane	123-91-1	88.12	0.1	U	0.36		
Methyl Methacrylate	80-62-6	100.117	0.1	U	0.41		

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Project : YUNAJ 14-01

Field Id Number : VP-1DL

Laboratory Id Number : F1310-01DL

Sampling Date : 01/30/14

Analysis Date : 02/06/14

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	1	UD	4.94		
Chloromethane	74-87-3	50.49	1	UD	2.07		
Vinyl Chloride	75-01-4	62.5	0.3	UD	0.77		
Bromomethane	74-83-9	94.94	1	UD	3.88		
Chloroethane	75-00-3	64.52	1	UD	2.64		
Tetrahydrofuran	109-99-9	72.11	1	UD	2.95		
Trichlorofluoromethane	75-69-4	137.4	1	UD	5.62		
Dichlorotetrafluoroethane	76-14-2	170.9	1	UD	6.99		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	1	UD	7.66		
Bromoethene	593-60-2	106.9	1	UD	4.37		
tert-Butyl alcohol	75-65-0	74.12	1	UD	3.03		
Heptane	142-82-5	100.2	2.3	JD	9.43		
1,1-Dichloroethene	75-35-4	96.94	1	UD	3.96		
Acetone	67-64-1	58.08	86.3	D	205		
Carbon Disulfide	75-15-0	76.14	1	UD	3.11		
Methyl tert-Butyl Ether	1634-04-4	88.15	1	UD	3.61		
Methylene Chloride	75-09-2	84.94	1	UD	3.47		
trans-1,2-Dichloroethene	156-60-5	96.94	1	UD	3.96		
1,1-Dichloroethane	75-34-3	98.96	1	UD	4.05		
Cyclohexane	110-82-7	84.16	1	UD	3.44		
2-Butanone	78-93-3	72.11	1.5	JD	4.42		
Carbon Tetrachloride	56-23-5	153.8	0.3	UD	1.89		
cis-1,2-Dichloroethene	156-59-2	96.94	1	UD	3.96		
Chloroform	67-66-3	119.4	1	UD	4.88		
1,1,1-Trichloroethane	71-55-6	133.4	0.3	UD	1.64		
2,2,4-Trimethylpentane	540-84-1	114.2	1	UD	4.67		
Benzene	71-43-2	78.11	1.3	JD	4.15		
1,2-Dichloroethane	107-06-2	98.96	1	UD	4.05		
Trichloroethene	79-01-6	131.4	0.3	UD	1.61		
1,2-Dichloropropane	78-87-5	113	1	UD	4.62		
Bromodichloromethane	75-27-4	163.8	1	UD	6.7		
4-Methyl-2-Pentanone	108-10-1	100.2	1	UD	4.1		
Toluene	108-88-3	92.14	26.3	D	99.1		
t-1,3-Dichloropropene	10061-02-6	111	1	UD	4.54		
cis-1,3-Dichloropropene	10061-01-5	111	1	UD	4.54		
1,1,2-Trichloroethane	79-00-5	133.4	1	UD	5.46		

Project : YUNAJ 14-01

Field Id Number : VP-1DL

Laboratory Id Number : F1310-01DL

Sampling Date : 01/30/14

Analysis Date : 02/06/14

Target Analyts : Air Results

Dibromochloromethane	124-48-1	208.3	1	UD	8.52		
1,2-Dibromoethane	106-93-4	187.9	1	UD	7.69		
Tetrachloroethene	127-18-4	165.8	4.2	JD	28.5		
Chlorobenzene	108-90-7	112.6	1	UD	4.61		
Ethyl Benzene	100-41-4	106.2	3.3	JD	14.3		
m/p-Xylene	179601-23-1	106.2	14.5	D	63		
o-Xylene	95-47-6	106.2	4	JD	17.4		
Styrene	100-42-5	104.1	1	UD	4.26		
Bromoform	75-25-2	252.8	1	UD	10.3		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	1	UD	6.87		
2-Chlorotoluene	95-49-8	126.6	1	UD	5.18		
1,3,5-Trimethylbenzene	108-67-8	120.2	1	UD	4.92		
1,2,4-Trimethylbenzene	95-63-6	120.2	1	UD	4.92		
1,3-Dichlorobenzene	541-73-1	147	1	UD	6.01		
1,4-Dichlorobenzene	106-46-7	147	1	UD	6.01		
1,2-Dichlorobenzene	95-50-1	147	1	UD	6.01		
1,2,4-Trichlorobenzene	120-82-1	181.5	1	UD	7.42		
Hexachloro-1,3-Butadiene	87-68-3	260.8	1	UD	10.7		
1,3-Butadiene	106-99-0	54.09	1	UD	2.21		
Naphthalene	91-20-3	128.17	1	UD	5.24		
4-Ethyltoluene	622-96-8	120.2	1.1	JD	5.41		
Hexane	110-54-3	86.17	1.9	JD	6.7		
Allyl Chloride	107-05-1	76.53	1	UD	3.13		
1,4-Dioxane	123-91-1	88.12	1	UD	3.6		
Methyl Methacrylate	80-62-6	100.117	1	UD	4.09		

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Project : YUNAJ 14-01

Field Id Number : VP-2

Laboratory Id Number : F1310-02

Sampling Date : 01/30/14

Analysis Date : 02/06/14

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	0.59		2.92		
Chloromethane	74-87-3	50.49	0.31	J	0.64		
Vinyl Chloride	75-01-4	62.5	0.03	U	0.08		
Bromomethane	74-83-9	94.94	0.1	U	0.39		
Chloroethane	75-00-3	64.52	0.11	J	0.29		
Tetrahydrofuran	109-99-9	72.11	0.1	U	0.3		
Trichlorofluoromethane	75-69-4	137.4	0.28	J	1.57		
Dichlorotetrafluoroethane	76-14-2	170.9	0.1	U	0.7		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	0.09	J	0.69		
Bromoethene	593-60-2	106.9	0.1	U	0.44		
tert-Butyl alcohol	75-65-0	74.12	0.1	U	0.3		
Heptane	142-82-5	100.2	1.4		5.74		
1,1-Dichloroethene	75-35-4	96.94	0.1	U	0.4		
Acetone	67-64-1	58.08	7.8		18.5		
Carbon Disulfide	75-15-0	76.14	1.6		4.98		
Methyl tert-Butyl Ether	1634-04-4	88.15	0.1	U	0.36		
Methylene Chloride	75-09-2	84.94	1.1		3.82		
trans-1,2-Dichloroethene	156-60-5	96.94	0.1	U	0.4		
1,1-Dichloroethane	75-34-3	98.96	0.1	U	0.4		
Cyclohexane	110-82-7	84.16	0.22	J	0.76		
2-Butanone	78-93-3	72.11	0.1	U	0.3		
Carbon Tetrachloride	56-23-5	153.8	0.04	J	0.25		
cis-1,2-Dichloroethene	156-59-2	96.94	0.1	U	0.4		
Chloroform	67-66-3	119.4	0.1	J	0.49		
1,1,1-Trichloroethane	71-55-6	133.4	0.04	J	0.22		
2,2,4-Trimethylpentane	540-84-1	114.2	0.2	J	0.93		
Benzene	71-43-2	78.11	0.89		2.84		
1,2-Dichloroethane	107-06-2	98.96	0.1	U	0.4		
Trichloroethene	79-01-6	131.4	0.03	U	0.16		
1,2-Dichloropropane	78-87-5	113	0.1	U	0.46		
Bromodichloromethane	75-27-4	163.8	0.1	U	0.67		
4-Methyl-2-Pentanone	108-10-1	100.2	0.1	U	0.41		
Toluene	108-88-3	92.14	7.5		28.3		
t-1,3-Dichloropropene	10061-02-6	111	0.1	U	0.45		
cis-1,3-Dichloropropene	10061-01-5	111	0.1	U	0.45		
1,1,2-Trichloroethane	79-00-5	133.4	0.1	U	0.55		

Project : YUNAJ 14-01

Field Id Number : VP-2

Laboratory Id Number : F1310-02

Sampling Date : 01/30/14

Analysis Date : 02/06/14

Target Analyts : Air Results

Dibromochloromethane	124-48-1	208.3	0.1	U	0.85		
1,2-Dibromoethane	106-93-4	187.9	0.1	U	0.77		
Tetrachloroethene	127-18-4	165.8	0.87		5.9		
Chlorobenzene	108-90-7	112.6	0.1	U	0.46		
Ethyl Benzene	100-41-4	106.2	0.51		2.22		
m/p-Xylene	179601-23-1	106.2	1.7		7.38		
o-Xylene	95-47-6	106.2	0.46	J	2		
Styrene	100-42-5	104.1	0.1	U	0.43		
Bromoform	75-25-2	252.8	0.1	U	1.03		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.1	U	0.69		
2-Chlorotoluene	95-49-8	126.6	0.1	U	0.52		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.1	U	0.49		
1,2,4-Trimethylbenzene	95-63-6	120.2	0.1	U	0.49		
1,3-Dichlorobenzene	541-73-1	147	0.1	U	0.6		
1,4-Dichlorobenzene	106-46-7	147	0.1	U	0.6		
1,2-Dichlorobenzene	95-50-1	147	0.1	U	0.6		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.1	U	0.74		
Hexachloro-1,3-Butadiene	87-68-3	260.8	0.1	U	1.07		
Naphthalene	91-20-3	128.17	0.1	U	0.52		
1,3-Butadiene	106-99-0	54.09	0.1	U	0.22		
4-Ethyltoluene	622-96-8	120.2	0.1	U	0.49		
Hexane	110-54-3	86.17	1.2		4.23		
Allyl Chloride	107-05-1	76.53	0.1	U	0.31		
1,4-Dioxane	123-91-1	88.12	0.1	U	0.36		
Methyl Methacrylate	80-62-6	100.117	0.1	U	0.41		

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Project : YUNAJ 14-01

Field Id Number : VP-3

Laboratory Id Number : F1310-03

Sampling Date : 01/30/14

Analysis Date : 02/06/14

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	0.56		2.77		
Chloromethane	74-87-3	50.49	0.1	J	0.21		
Vinyl Chloride	75-01-4	62.5	0.03	U	0.08		
Bromomethane	74-83-9	94.94	0.1	U	0.39		
Chloroethane	75-00-3	64.52	0.1	U	0.26		
Tetrahydrofuran	109-99-9	72.11	0.19	J	0.56		
Trichlorofluoromethane	75-69-4	137.4	0.32	J	1.8		
Dichlorotetrafluoroethane	76-14-2	170.9	0.1	U	0.7		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	0.1	J	0.77		
Bromoethene	593-60-2	106.9	0.1	U	0.44		
tert-Butyl alcohol	75-65-0	74.12	0.36	J	1.09		
Heptane	142-82-5	100.2	2.8		11.5		
1,1-Dichloroethene	75-35-4	96.94	0.1	U	0.4		
Acetone	67-64-1	58.08	65.5	E	155		
Carbon Disulfide	75-15-0	76.14	0.93		2.9		
Methyl tert-Butyl Ether	1634-04-4	88.15	0.1	U	0.36		
Methylene Chloride	75-09-2	84.94	1.4		4.86		
trans-1,2-Dichloroethene	156-60-5	96.94	0.1	U	0.4		
1,1-Dichloroethane	75-34-3	98.96	0.1	U	0.4		
Cyclohexane	110-82-7	84.16	0.21	J	0.72		
2-Butanone	78-93-3	72.11	1.9		5.6		
Carbon Tetrachloride	56-23-5	153.8	0.03	J	0.19		
cis-1,2-Dichloroethene	156-59-2	96.94	0.1	U	0.4		
Chloroform	67-66-3	119.4	0.11	J	0.54		
1,1,1-Trichloroethane	71-55-6	133.4	0.09	J	0.49		
2,2,4-Trimethylpentane	540-84-1	114.2	0.16	J	0.75		
Benzene	71-43-2	78.11	1.2		3.83		
1,2-Dichloroethane	107-06-2	98.96	0.1	U	0.4		
Trichloroethene	79-01-6	131.4	0.02	J	0.11		
1,2-Dichloropropane	78-87-5	113	0.1	U	0.46		
Bromodichloromethane	75-27-4	163.8	0.1	U	0.67		
4-Methyl-2-Pentanone	108-10-1	100.2	0.37	J	1.52		
Toluene	108-88-3	92.14	25.2	E	95		
t-1,3-Dichloropropene	10061-02-6	111	0.1	U	0.45		
cis-1,3-Dichloropropene	10061-01-5	111	0.1	U	0.45		
1,1,2-Trichloroethane	79-00-5	133.4	0.1	U	0.55		

Project : YUNAJ 14-01

Field Id Number : VP-3

Laboratory Id Number : F1310-03

Sampling Date : 01/30/14

Analysis Date : 02/06/14

Target Analyts : Air Results

Dibromochloromethane	124-48-1	208.3	0.1	U	0.85		
1,2-Dibromoethane	106-93-4	187.9	0.1	U	0.77		
Tetrachloroethene	127-18-4	165.8	3.2		21.7		
Chlorobenzene	108-90-7	112.6	0.1	U	0.46		
Ethyl Benzene	100-41-4	106.2	4.6		20		
m/p-Xylene	179601-23-1	106.2	17.5		76		
o-Xylene	95-47-6	106.2	5		21.7		
Styrene	100-42-5	104.1	0.1	U	0.43		
Bromoform	75-25-2	252.8	0.1	U	1.03		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.1	U	0.69		
2-Chlorotoluene	95-49-8	126.6	0.1	U	0.52		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.66		3.24		
1,2,4-Trimethylbenzene	95-63-6	120.2	2.6		12.8		
1,3-Dichlorobenzene	541-73-1	147	0.1	U	0.6		
1,4-Dichlorobenzene	106-46-7	147	0.1	U	0.6		
1,2-Dichlorobenzene	95-50-1	147	0.1	U	0.6		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.1	U	0.74		
Hexachloro-1,3-Butadiene	87-68-3	260.8	0.1	U	1.07		
Naphthalene	91-20-3	128.17	0.13	J	0.68		
1,3-Butadiene	106-99-0	54.09	0.1	U	0.22		
4-Ethyltoluene	622-96-8	120.2	1.8		8.85		
Hexane	110-54-3	86.17	1.3		4.58		
Allyl Chloride	107-05-1	76.53	0.1	U	0.31		
1,4-Dioxane	123-91-1	88.12	0.1	U	0.36		
Methyl Methacrylate	80-62-6	100.117	0.1	U	0.41		

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Project : YUNAJ 14-01

Field Id Number : VP-3DL

Laboratory Id Number : F1310-03DL

Sampling Date : 01/30/14

Analysis Date : 02/06/14

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	1	UD	4.94		
Chloromethane	74-87-3	50.49	1	UD	2.07		
Vinyl Chloride	75-01-4	62.5	0.3	UD	0.77		
Bromomethane	74-83-9	94.94	1	UD	3.88		
Chloroethane	75-00-3	64.52	1	UD	2.64		
Tetrahydrofuran	109-99-9	72.11	1	UD	2.95		
Trichlorofluoromethane	75-69-4	137.4	1	UD	5.62		
Dichlorotetrafluoroethane	76-14-2	170.9	1	UD	6.99		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	1	UD	7.66		
Bromoethene	593-60-2	106.9	1	UD	4.37		
tert-Butyl alcohol	75-65-0	74.12	1	UD	3.03		
Heptane	142-82-5	100.2	1.4	JD	5.74		
1,1-Dichloroethene	75-35-4	96.94	1	UD	3.96		
Acetone	67-64-1	58.08	76.6	D	181		
Carbon Disulfide	75-15-0	76.14	0.9	JD	2.8		
Methyl tert-Butyl Ether	1634-04-4	88.15	1	UD	3.61		
Methylene Chloride	75-09-2	84.94	1	UD	3.47		
trans-1,2-Dichloroethene	156-60-5	96.94	1	UD	3.96		
1,1-Dichloroethane	75-34-3	98.96	1	UD	4.05		
Cyclohexane	110-82-7	84.16	1	UD	3.44		
2-Butanone	78-93-3	72.11	1.4	JD	4.13		
Carbon Tetrachloride	56-23-5	153.8	0.3	UD	1.89		
cis-1,2-Dichloroethene	156-59-2	96.94	1	UD	3.96		
Chloroform	67-66-3	119.4	1	UD	4.88		
1,1,1-Trichloroethane	71-55-6	133.4	0.3	UD	1.64		
2,2,4-Trimethylpentane	540-84-1	114.2	1	UD	4.67		
Benzene	71-43-2	78.11	0.9	JD	2.88		
1,2-Dichloroethane	107-06-2	98.96	1	UD	4.05		
Trichloroethene	79-01-6	131.4	0.3	UD	1.61		
1,2-Dichloropropane	78-87-5	113	1	UD	4.62		
Bromodichloromethane	75-27-4	163.8	1	UD	6.7		
4-Methyl-2-Pentanone	108-10-1	100.2	1	UD	4.1		
Toluene	108-88-3	92.14	19.4	D	73.1		
t-1,3-Dichloropropene	10061-02-6	111	1	UD	4.54		
cis-1,3-Dichloropropene	10061-01-5	111	1	UD	4.54		
1,1,2-Trichloroethane	79-00-5	133.4	1	UD	5.46		

Project : YUNAJ 14-01

Field Id Number : VP-3DL

Laboratory Id Number : F1310-03DL

Sampling Date : 01/30/14

Analysis Date : 02/06/14

Target Analyts : Air Results

Dibromochloromethane	124-48-1	208.3	1	UD	8.52		
1,2-Dibromoethane	106-93-4	187.9	1	UD	7.69		
Tetrachloroethene	127-18-4	165.8	2.8	JD	19		
Chlorobenzene	108-90-7	112.6	1	UD	4.61		
Ethyl Benzene	100-41-4	106.2	2.6	JD	11.3		
m/p-Xylene	179601-23-1	106.2	12.7	D	55.2		
o-Xylene	95-47-6	106.2	3.3	JD	14.3		
Styrene	100-42-5	104.1	1	UD	4.26		
Bromoform	75-25-2	252.8	1	UD	10.3		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	1	UD	6.87		
2-Chlorotoluene	95-49-8	126.6	1	UD	5.18		
1,3,5-Trimethylbenzene	108-67-8	120.2	1	UD	4.92		
1,2,4-Trimethylbenzene	95-63-6	120.2	1.4	JD	6.88		
1,3-Dichlorobenzene	541-73-1	147	1	UD	6.01		
1,4-Dichlorobenzene	106-46-7	147	1	UD	6.01		
1,2-Dichlorobenzene	95-50-1	147	1	UD	6.01		
1,2,4-Trichlorobenzene	120-82-1	181.5	1	UD	7.42		
Hexachloro-1,3-Butadiene	87-68-3	260.8	1	UD	10.7		
1,3-Butadiene	106-99-0	54.09	1	UD	2.21		
Naphthalene	91-20-3	128.17	1	UD	5.24		
4-Ethyltoluene	622-96-8	120.2	1.2	JD	5.9		
Hexane	110-54-3	86.17	1	UD	3.52		
Allyl Chloride	107-05-1	76.53	1	UD	3.13		
1,4-Dioxane	123-91-1	88.12	1	UD	3.6		
Methyl Methacrylate	80-62-6	100.117	1	UD	4.09		

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Project : YUNAJ 14-01

Field Id Number : VP-4

Laboratory Id Number : F1310-04

Sampling Date : 01/30/14

Analysis Date : 02/06/14

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	0.56		2.77		
Chloromethane	74-87-3	50.49	0.38	J	0.78		
Vinyl Chloride	75-01-4	62.5	0.03	U	0.08		
Bromomethane	74-83-9	94.94	0.1	U	0.39		
Chloroethane	75-00-3	64.52	0.1	U	0.26		
Tetrahydrofuran	109-99-9	72.11	0.13	J	0.38		
Trichlorofluoromethane	75-69-4	137.4	0.48	J	2.7		
Dichlorotetrafluoroethane	76-14-2	170.9	0.1	U	0.7		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	0.09	J	0.69		
Bromoethene	593-60-2	106.9	0.1	U	0.44		
tert-Butyl alcohol	75-65-0	74.12	0.25	J	0.76		
Heptane	142-82-5	100.2	0.88		3.61		
1,1-Dichloroethene	75-35-4	96.94	0.1	U	0.4		
Acetone	67-64-1	58.08	37.9	E	90		
Carbon Disulfide	75-15-0	76.14	0.33	J	1.03		
Methyl tert-Butyl Ether	1634-04-4	88.15	0.1	U	0.36		
Methylene Chloride	75-09-2	84.94	1.3		4.52		
trans-1,2-Dichloroethene	156-60-5	96.94	0.1	U	0.4		
1,1-Dichloroethane	75-34-3	98.96	0.1	U	0.4		
Cyclohexane	110-82-7	84.16	0.21	J	0.72		
2-Butanone	78-93-3	72.11	1.4		4.13		
Carbon Tetrachloride	56-23-5	153.8	0.04	J	0.25		
cis-1,2-Dichloroethene	156-59-2	96.94	0.1	U	0.4		
Chloroform	67-66-3	119.4	0.1	U	0.49		
1,1,1-Trichloroethane	71-55-6	133.4	0.03	U	0.16		
2,2,4-Trimethylpentane	540-84-1	114.2	0.13	J	0.61		
Benzene	71-43-2	78.11	0.72		2.3		
1,2-Dichloroethane	107-06-2	98.96	0.1	U	0.4		
Trichloroethene	79-01-6	131.4	0.03	U	0.16		
1,2-Dichloropropane	78-87-5	113	0.1	U	0.46		
Bromodichloromethane	75-27-4	163.8	0.1	U	0.67		
4-Methyl-2-Pentanone	108-10-1	100.2	0.1	U	0.41		
Toluene	108-88-3	92.14	7.2		27.1		
t-1,3-Dichloropropene	10061-02-6	111	0.1	U	0.45		
cis-1,3-Dichloropropene	10061-01-5	111	0.1	U	0.45		
1,1,2-Trichloroethane	79-00-5	133.4	0.1	U	0.55		

Project : YUNAJ 14-01

Field Id Number : VP-4

Laboratory Id Number : F1310-04

Sampling Date : 01/30/14

Analysis Date : 02/06/14

Target Analyts : Air Results

Dibromochloromethane	124-48-1	208.3	0.1	U	0.85		
1,2-Dibromoethane	106-93-4	187.9	0.1	U	0.77		
Tetrachloroethene	127-18-4	165.8	0.25	J	1.7		
Chlorobenzene	108-90-7	112.6	0.1	U	0.46		
Ethyl Benzene	100-41-4	106.2	1.1		4.78		
m/p-Xylene	179601-23-1	106.2	4.2		18.2		
o-Xylene	95-47-6	106.2	1.2		5.21		
Styrene	100-42-5	104.1	0.1	U	0.43		
Bromoform	75-25-2	252.8	0.1	U	1.03		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.1	U	0.69		
2-Chlorotoluene	95-49-8	126.6	0.1	U	0.52		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.13	J	0.64		
1,2,4-Trimethylbenzene	95-63-6	120.2	0.49	J	2.41		
1,3-Dichlorobenzene	541-73-1	147	0.1	U	0.6		
1,4-Dichlorobenzene	106-46-7	147	0.1	U	0.6		
1,2-Dichlorobenzene	95-50-1	147	0.1	U	0.6		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.1	U	0.74		
Hexachloro-1,3-Butadiene	87-68-3	260.8	0.1	U	1.07		
Naphthalene	91-20-3	128.17	0.1	U	0.52		
1,3-Butadiene	106-99-0	54.09	0.1	U	0.22		
4-Ethyltoluene	622-96-8	120.2	0.33	J	1.62		
Hexane	110-54-3	86.17	0.79		2.78		
Allyl Chloride	107-05-1	76.53	0.1	U	0.31		
1,4-Dioxane	123-91-1	88.12	0.1	U	0.36		
Methyl Methacrylate	80-62-6	100.117	0.1	U	0.41		

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Project : YUNAJ 14-01

Field Id Number : VP-4DL

Laboratory Id Number : F1310-04DL

Sampling Date : 01/30/14

Analysis Date : 02/07/14

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	1	UD	4.94		
Chloromethane	74-87-3	50.49	1	UD	2.07		
Vinyl Chloride	75-01-4	62.5	0.3	UD	0.77		
Bromomethane	74-83-9	94.94	1	UD	3.88		
Chloroethane	75-00-3	64.52	1	UD	2.64		
Tetrahydrofuran	109-99-9	72.11	1	UD	2.95		
Trichlorofluoromethane	75-69-4	137.4	1	UD	5.62		
Dichlorotetrafluoroethane	76-14-2	170.9	1	UD	6.99		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	1	UD	7.66		
Bromoethene	593-60-2	106.9	1	UD	4.37		
tert-Butyl alcohol	75-65-0	74.12	1	UD	3.03		
Heptane	142-82-5	100.2	1	UD	4.1		
1,1-Dichloroethene	75-35-4	96.94	1	UD	3.96		
Acetone	67-64-1	58.08	42.6	D	101		
Carbon Disulfide	75-15-0	76.14	1	UD	3.11		
Methyl tert-Butyl Ether	1634-04-4	88.15	1	UD	3.61		
Methylene Chloride	75-09-2	84.94	1	UD	3.47		
trans-1,2-Dichloroethene	156-60-5	96.94	1	UD	3.96		
1,1-Dichloroethane	75-34-3	98.96	1	UD	4.05		
Cyclohexane	110-82-7	84.16	1	UD	3.44		
2-Butanone	78-93-3	72.11	1.1	JD	3.24		
Carbon Tetrachloride	56-23-5	153.8	0.3	UD	1.89		
cis-1,2-Dichloroethene	156-59-2	96.94	1	UD	3.96		
Chloroform	67-66-3	119.4	1	UD	4.88		
1,1,1-Trichloroethane	71-55-6	133.4	0.3	UD	1.64		
2,2,4-Trimethylpentane	540-84-1	114.2	1	UD	4.67		
Benzene	71-43-2	78.11	1	UD	3.19		
1,2-Dichloroethane	107-06-2	98.96	1	UD	4.05		
Trichloroethene	79-01-6	131.4	0.3	UD	1.61		
1,2-Dichloropropane	78-87-5	113	1	UD	4.62		
Bromodichloromethane	75-27-4	163.8	1	UD	6.7		
4-Methyl-2-Pentanone	108-10-1	100.2	1	UD	4.1		
Toluene	108-88-3	92.14	3.5	JD	13.2		
t-1,3-Dichloropropene	10061-02-6	111	1	UD	4.54		
cis-1,3-Dichloropropene	10061-01-5	111	1	UD	4.54		
1,1,2-Trichloroethane	79-00-5	133.4	1	UD	5.46		

Project : YUNAJ 14-01

Field Id Number : VP-4DL

Laboratory Id Number : F1310-04DL

Sampling Date : 01/30/14

Analysis Date : 02/07/14

Target Analyts : Air Results

Dibromochloromethane	124-48-1	208.3	1	UD	8.52		
1,2-Dibromoethane	106-93-4	187.9	1	UD	7.69		
Tetrachloroethene	127-18-4	165.8	0.3	UD	2.03		
Chlorobenzene	108-90-7	112.6	1	UD	4.61		
Ethyl Benzene	100-41-4	106.2	1	UD	4.34		
m/p-Xylene	179601-23-1	106.2	1.7	JD	7.38		
o-Xylene	95-47-6	106.2	1	UD	4.34		
Styrene	100-42-5	104.1	1	UD	4.26		
Bromoform	75-25-2	252.8	1	UD	10.3		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	1	UD	6.87		
2-Chlorotoluene	95-49-8	126.6	1	UD	5.18		
1,3,5-Trimethylbenzene	108-67-8	120.2	1	UD	4.92		
1,2,4-Trimethylbenzene	95-63-6	120.2	1	UD	4.92		
1,3-Dichlorobenzene	541-73-1	147	1	UD	6.01		
1,4-Dichlorobenzene	106-46-7	147	1	UD	6.01		
1,2-Dichlorobenzene	95-50-1	147	1	UD	6.01		
1,2,4-Trichlorobenzene	120-82-1	181.5	1	UD	7.42		
Hexachloro-1,3-Butadiene	87-68-3	260.8	1	UD	10.7		
Naphthalene	91-20-3	128.17	1	UD	5.24		
1,3-Butadiene	106-99-0	54.09	1	UD	2.21		
4-Ethyltoluene	622-96-8	120.2	1	UD	4.92		
Hexane	110-54-3	86.17	1	UD	3.52		
Allyl Chloride	107-05-1	76.53	1	UD	3.13		
1,4-Dioxane	123-91-1	88.12	1	UD	3.6		
Methyl Methacrylate	80-62-6	100.117	1	UD	4.09		

SAMPLE DATA

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	J.R.Holzmacher P.E., LLC	Date Collected:	01/30/14
Project:	YUNAJ 14-01	Date Received:	01/31/14
Client Sample ID:	VP-1	SDG No.:	F1310
Lab Sample ID:	F1310-01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL021996.D	1		02/06/14	VL020614

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	0.56	2.77		0.2	0.49	2.47	ug/m3
74-87-3	Chloromethane	0.1	0.21	U	0.21	0.21	1.03	ug/m3
75-01-4	Vinyl Chloride	0.03	0.08	U	0.08	0.08	1.28	ug/m3
74-83-9	Bromomethane	0.1	0.39	U	0.12	0.39	1.94	ug/m3
75-00-3	Chloroethane	0.1	0.26	U	0.26	0.26	1.32	ug/m3
109-99-9	Tetrahydrofuran	0.2	0.59	J	0.29	0.29	1.47	ug/m3
75-69-4	Trichlorofluoromethane	0.32	1.8	J	0.22	0.56	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	0.1	0.77	J	0.31	0.77	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	0.1	0.7	U	0.28	0.7	3.49	ug/m3
593-60-2	Bromoethene	0.1	0.44	U	0.13	0.44	2.19	ug/m3
75-65-0	tert-Butyl alcohol	0.56	1.7		0.3	0.3	1.52	ug/m3
142-82-5	Heptane	4.4	18.0		0.41	0.41	2.05	ug/m3
75-35-4	1,1-Dichloroethene	0.1	0.4	U	0.2	0.4	1.98	ug/m3
67-64-1	Acetone	74.6	177	E	0.24	0.24	1.19	ug/m3
75-15-0	Carbon Disulfide	0.52	1.62		0.16	0.31	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	0.1	0.36	U	0.18	0.36	1.8	ug/m3
75-09-2	Methylene Chloride	0.78	2.71	B	0.17	0.35	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	0.1	0.4	U	0.2	0.4	1.98	ug/m3
75-34-3	1,1-Dichloroethane	0.1	0.4	U	0.16	0.4	2.02	ug/m3
110-82-7	Cyclohexane	0.29	1	J	0.34	0.34	1.72	ug/m3
78-93-3	2-Butanone	2.1	6.19		0.29	0.29	1.47	ug/m3
56-23-5	Carbon Tetrachloride	0.04	0.25	J	0.19	0.19	3.15	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.1	0.4	U	0.2	0.4	1.98	ug/m3
67-66-3	Chloroform	0.34	1.66	J	0.1	0.49	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	0.11	0.6	J	0.16	0.16	2.73	ug/m3
540-84-1	2,2,4-Trimethylpentane	0.25	1.17	J	0.19	0.47	2.34	ug/m3
71-43-2	Benzene	1.9	6.07		0.13	0.32	1.6	ug/m3
107-06-2	1,2-Dichloroethane	0.1	0.4	U	0.4	0.4	2.02	ug/m3
79-01-6	Trichloroethene	0.09	0.48	J	0.11	0.16	2.69	ug/m3
78-87-5	1,2-Dichloropropane	0.1	0.46	U	0.46	0.46	2.31	ug/m3
75-27-4	Bromodichloromethane	0.1	0.67	U	0.33	0.67	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	0.28	1.15	J	0.2	0.41	2.05	ug/m3
108-88-3	Toluene	33.2	125	E	0.19	0.38	1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	0.1	0.45	U	0.45	0.45	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	0.1	0.45	U	0.45	0.45	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	0.1	0.55	U	0.55	0.55	2.73	ug/m3
124-48-1	Dibromochloromethane	0.1	0.85	U	0.43	0.85	4.26	ug/m3
106-93-4	1,2-Dibromoethane	0.1	0.77	U	0.77	0.77	3.84	ug/m3

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	J.R.Holzmacher P.E., LLC	Date Collected:	01/30/14
Project:	YUNAJ 14-01	Date Received:	01/31/14
Client Sample ID:	VP-1	SDG No.:	F1310
Lab Sample ID:	F1310-01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL021996.D	1		02/06/14	VL020614

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
127-18-4	Tetrachloroethene	5.1	34.6		0.2	0.2	3.39	ug/m3
108-90-7	Chlorobenzene	0.1	0.46	U	0.46	0.46	2.3	ug/m3
100-41-4	Ethyl Benzene	5.6	24.3		0.43	0.43	2.17	ug/m3
179601-23-1	m/p-Xylene	20.2	87.7		0.43	0.87	4.34	ug/m3
95-47-6	o-Xylene	5.5	23.9		0.43	0.43	2.17	ug/m3
100-42-5	Styrene	0.1	0.43	J	0.43	0.43	2.13	ug/m3
75-25-2	Bromoform	0.1	1.03	U	0.52	1.03	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.1	0.69	U	0.69	0.69	3.43	ug/m3
95-49-8	2-Chlorotoluene	0.1	0.52	U	0.52	0.52	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.51	2.51		0.49	0.49	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	1.7	8.36		0.49	0.49	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	0.1	0.6	U	0.6	0.6	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	0.1	0.6	U	0.6	0.6	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	0.1	0.6	U	0.6	0.6	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	0.1	0.74	UQ	0.3	0.74	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	0.1	1.07	U	1.07	1.07	5.33	ug/m3
106-99-0	1,3-Butadiene	0.1	0.22	U	0.22	0.22	1.11	ug/m3
91-20-3	Naphthalene	0.1	0.52	UQ	0.21	0.52	2.62	ug/m3
622-96-8	4-Ethyltoluene	1.6	7.87		0.49	0.49	2.46	ug/m3
110-54-3	Hexane	2	7.05		0.14	0.35	1.76	ug/m3
107-05-1	Allyl Chloride	0.1	0.31	U	0.16	0.31	1.57	ug/m3
123-91-1	1,4-Dioxane	0.1	0.36	U	0.36	0.36	1.8	ug/m3
80-62-6	Methyl Methacrylate	0.1	0.41	U	0.41	0.41	2.05	ug/m3
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	10.9			65 - 135		109%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	1557700		6.63				
540-36-3	1,4-Difluorobenzene	4667580		8.31				
3114-55-4	Chlorobenzene-d5	4233840		13.72				

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
D = Dilution

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
Q = indicates LCS control criteria did not meet requirements

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	J.R.Holzmacher P.E., LLC	Date Collected:	01/30/14
Project:	YUNAJ 14-01	Date Received:	01/31/14
Client Sample ID:	VP-1DL	SDG No.:	F1310
Lab Sample ID:	F1310-01DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL021997.D	10		02/06/14	VL020614

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	1	4.94	UD	1.98	4.94	24.7	ug/m3
74-87-3	Chloromethane	1	2.07	UD	2.07	2.07	10.3	ug/m3
75-01-4	Vinyl Chloride	0.3	0.77	UD	0.77	0.77	12.8	ug/m3
74-83-9	Bromomethane	1	3.88	UD	1.16	3.88	19.4	ug/m3
75-00-3	Chloroethane	1	2.64	UD	2.64	2.64	13.2	ug/m3
109-99-9	Tetrahydrofuran	1	2.95	UD	2.95	2.95	14.8	ug/m3
75-69-4	Trichlorofluoromethane	1	5.62	UD	2.25	5.62	28.1	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	1	7.66	UD	3.07	7.66	38.3	ug/m3
76-14-2	Dichlorotetrafluoroethane	1	6.99	UD	2.8	6.99	35.0	ug/m3
593-60-2	Bromoethene	1	4.37	UD	1.31	4.37	21.9	ug/m3
75-65-0	tert-Butyl alcohol	1	3.03	UD	3.03	3.03	15.2	ug/m3
142-82-5	Heptane	2.3	9.43	JD	4.1	4.1	20.5	ug/m3
75-35-4	1,1-Dichloroethene	1	3.96	UD	1.98	3.96	19.8	ug/m3
67-64-1	Acetone	86.3	205	D	2.38	2.38	11.9	ug/m3
75-15-0	Carbon Disulfide	1	3.11	UD	1.56	3.11	15.6	ug/m3
1634-04-4	Methyl tert-Butyl Ether	1	3.61	UD	1.8	3.61	18.0	ug/m3
75-09-2	Methylene Chloride	1	3.47	UD	1.74	3.47	17.4	ug/m3
156-60-5	trans-1,2-Dichloroethene	1	3.96	UD	1.98	3.96	19.8	ug/m3
75-34-3	1,1-Dichloroethane	1	4.05	UD	1.62	4.05	20.2	ug/m3
110-82-7	Cyclohexane	1	3.44	UD	3.44	3.44	17.2	ug/m3
78-93-3	2-Butanone	1.5	4.42	JD	2.95	2.95	14.8	ug/m3
56-23-5	Carbon Tetrachloride	0.3	1.89	UD	1.89	1.89	31.4	ug/m3
156-59-2	cis-1,2-Dichloroethene	1	3.96	UD	1.98	3.96	19.8	ug/m3
67-66-3	Chloroform	1	4.88	UD	0.98	4.88	24.4	ug/m3
71-55-6	1,1,1-Trichloroethane	0.3	1.64	UD	1.64	1.64	27.3	ug/m3
540-84-1	2,2,4-Trimethylpentane	1	4.67	UD	1.87	4.67	23.4	ug/m3
71-43-2	Benzene	1.3	4.15	JD	1.28	3.19	16.0	ug/m3
107-06-2	1,2-Dichloroethane	1	4.05	UD	4.05	4.05	20.2	ug/m3
79-01-6	Trichloroethene	0.3	1.61	UD	0.81	1.61	26.9	ug/m3
78-87-5	1,2-Dichloropropane	1	4.62	UD	4.62	4.62	23.1	ug/m3
75-27-4	Bromodichloromethane	1	6.7	UD	3.35	6.7	33.5	ug/m3
108-10-1	4-Methyl-2-Pentanone	1	4.1	UD	2.05	4.1	20.5	ug/m3
108-88-3	Toluene	26.3	99.1	D	1.88	3.77	18.8	ug/m3
10061-02-6	t-1,3-Dichloropropene	1	4.54	UD	4.54	4.54	22.7	ug/m3
10061-01-5	cis-1,3-Dichloropropene	1	4.54	UD	4.54	4.54	22.7	ug/m3
79-00-5	1,1,2-Trichloroethane	1	5.46	UD	5.46	5.46	27.3	ug/m3
124-48-1	Dibromochloromethane	1	8.52	UD	4.26	8.52	42.6	ug/m3
106-93-4	1,2-Dibromoethane	1	7.69	UD	7.69	7.69	38.4	ug/m3

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Report of Analysis

Client:	J.R.Holzmacher P.E., LLC	Date Collected:	01/30/14
Project:	YUNAJ 14-01	Date Received:	01/31/14
Client Sample ID:	VP-1DL	SDG No.:	F1310
Lab Sample ID:	F1310-01DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL021997.D	10		02/06/14	VL020614

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
127-18-4	Tetrachloroethene	4.2	28.5	JD	2.03	2.03	33.9	ug/m3
108-90-7	Chlorobenzene	1	4.61	UD	4.61	4.61	23.0	ug/m3
100-41-4	Ethyl Benzene	3.3	14.3	JD	4.34	4.34	21.7	ug/m3
179601-23-1	m/p-Xylene	14.5	63.0	D	4.34	8.69	43.4	ug/m3
95-47-6	o-Xylene	4	17.4	JD	4.34	4.34	21.7	ug/m3
100-42-5	Styrene	1	4.26	UD	4.26	4.26	21.3	ug/m3
75-25-2	Bromoform	1	10.3	UD	5.17	10.3	51.7	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	1	6.87	UD	6.87	6.87	34.3	ug/m3
95-49-8	2-Chlorotoluene	1	5.18	UD	5.18	5.18	25.9	ug/m3
108-67-8	1,3,5-Trimethylbenzene	1	4.92	UD	4.92	4.92	24.6	ug/m3
95-63-6	1,2,4-Trimethylbenzene	1	4.92	UD	4.92	4.92	24.6	ug/m3
541-73-1	1,3-Dichlorobenzene	1	6.01	UD	6.01	6.01	30.1	ug/m3
106-46-7	1,4-Dichlorobenzene	1	6.01	UD	6.01	6.01	30.1	ug/m3
95-50-1	1,2-Dichlorobenzene	1	6.01	UD	6.01	6.01	30.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	1	7.42	UDQ	2.97	7.42	37.1	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	1	10.7	UD	10.7	10.7	53.3	ug/m3
106-99-0	1,3-Butadiene	1	2.21	UD	2.21	2.21	11.1	ug/m3
91-20-3	Naphthalene	1	5.24	UDQ	2.1	5.24	26.2	ug/m3
622-96-8	4-Ethyltoluene	1.1	5.41	JD	4.92	4.92	24.6	ug/m3
110-54-3	Hexane	1.9	6.7	JD	1.41	3.52	17.6	ug/m3
107-05-1	Allyl Chloride	1	3.13	UD	1.57	3.13	15.6	ug/m3
123-91-1	1,4-Dioxane	1	3.6	UD	3.6	3.6	18.0	ug/m3
80-62-6	Methyl Methacrylate	1	4.09	UD	4.09	4.09	20.5	ug/m3
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	10.8			65 - 135		108%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	1566740		6.63				
540-36-3	1,4-Difluorobenzene	4948510		8.3				
3114-55-4	Chlorobenzene-d5	4439640		13.71				

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
D = Dilution

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
Q = indicates LCS control criteria did not meet requirements

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Report of Analysis

Client:	J.R.Holzmacher P.E., LLC	Date Collected:	01/30/14
Project:	YUNAJ 14-01	Date Received:	01/31/14
Client Sample ID:	VP-2	SDG No.:	F1310
Lab Sample ID:	F1310-02	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL021998.D	1		02/06/14	VL020614

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	0.59	2.92		0.2	0.49	2.47	ug/m3
74-87-3	Chloromethane	0.31	0.64	J	0.21	0.21	1.03	ug/m3
75-01-4	Vinyl Chloride	0.03	0.08	U	0.08	0.08	1.28	ug/m3
74-83-9	Bromomethane	0.1	0.39	U	0.12	0.39	1.94	ug/m3
75-00-3	Chloroethane	0.11	0.29	J	0.26	0.26	1.32	ug/m3
109-99-9	Tetrahydrofuran	0.1	0.29	U	0.29	0.29	1.47	ug/m3
75-69-4	Trichlorofluoromethane	0.28	1.57	J	0.22	0.56	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	0.09	0.69	J	0.31	0.77	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	0.1	0.7	U	0.28	0.7	3.49	ug/m3
593-60-2	Bromoethene	0.1	0.44	U	0.13	0.44	2.19	ug/m3
75-65-0	tert-Butyl alcohol	0.1	0.3	U	0.3	0.3	1.52	ug/m3
142-82-5	Heptane	1.4	5.74		0.41	0.41	2.05	ug/m3
75-35-4	1,1-Dichloroethene	0.1	0.4	U	0.2	0.4	1.98	ug/m3
67-64-1	Acetone	7.8	18.5		0.24	0.24	1.19	ug/m3
75-15-0	Carbon Disulfide	1.6	4.98		0.16	0.31	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	0.1	0.36	U	0.18	0.36	1.8	ug/m3
75-09-2	Methylene Chloride	1.1	3.82	B	0.17	0.35	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	0.1	0.4	U	0.2	0.4	1.98	ug/m3
75-34-3	1,1-Dichloroethane	0.1	0.4	U	0.16	0.4	2.02	ug/m3
110-82-7	Cyclohexane	0.22	0.76	J	0.34	0.34	1.72	ug/m3
78-93-3	2-Butanone	0.1	0.29	U	0.29	0.29	1.47	ug/m3
56-23-5	Carbon Tetrachloride	0.04	0.25	J	0.19	0.19	3.15	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.1	0.4	U	0.2	0.4	1.98	ug/m3
67-66-3	Chloroform	0.1	0.49	J	0.1	0.49	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	0.04	0.22	J	0.16	0.16	2.73	ug/m3
540-84-1	2,2,4-Trimethylpentane	0.2	0.93	J	0.19	0.47	2.34	ug/m3
71-43-2	Benzene	0.89	2.84		0.13	0.32	1.6	ug/m3
107-06-2	1,2-Dichloroethane	0.1	0.4	U	0.4	0.4	2.02	ug/m3
79-01-6	Trichloroethene	0.03	0.16	U	0.11	0.16	2.69	ug/m3
78-87-5	1,2-Dichloropropane	0.1	0.46	U	0.46	0.46	2.31	ug/m3
75-27-4	Bromodichloromethane	0.1	0.67	U	0.33	0.67	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	0.1	0.41	U	0.2	0.41	2.05	ug/m3
108-88-3	Toluene	7.5	28.3		0.19	0.38	1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	0.1	0.45	U	0.45	0.45	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	0.1	0.45	U	0.45	0.45	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	0.1	0.55	U	0.55	0.55	2.73	ug/m3
124-48-1	Dibromochloromethane	0.1	0.85	U	0.43	0.85	4.26	ug/m3
106-93-4	1,2-Dibromoethane	0.1	0.77	U	0.77	0.77	3.84	ug/m3

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Report of Analysis

Client:	J.R.Holzmacher P.E., LLC	Date Collected:	01/30/14
Project:	YUNAJ 14-01	Date Received:	01/31/14
Client Sample ID:	VP-2	SDG No.:	F1310
Lab Sample ID:	F1310-02	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL021998.D	1		02/06/14	VL020614

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
127-18-4	Tetrachloroethene	0.87	5.9		0.2	0.2	3.39	ug/m3
108-90-7	Chlorobenzene	0.1	0.46	U	0.46	0.46	2.3	ug/m3
100-41-4	Ethyl Benzene	0.51	2.22		0.43	0.43	2.17	ug/m3
179601-23-1	m/p-Xylene	1.7	7.38		0.43	0.87	4.34	ug/m3
95-47-6	o-Xylene	0.46	2	J	0.43	0.43	2.17	ug/m3
100-42-5	Styrene	0.1	0.43	U	0.43	0.43	2.13	ug/m3
75-25-2	Bromoform	0.1	1.03	U	0.52	1.03	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.1	0.69	U	0.69	0.69	3.43	ug/m3
95-49-8	2-Chlorotoluene	0.1	0.52	U	0.52	0.52	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.1	0.49	U	0.49	0.49	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	0.1	0.49	U	0.49	0.49	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	0.1	0.6	U	0.6	0.6	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	0.1	0.6	U	0.6	0.6	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	0.1	0.6	U	0.6	0.6	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	0.1	0.74	UQ	0.3	0.74	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	0.1	1.07	U	1.07	1.07	5.33	ug/m3
106-99-0	1,3-Butadiene	0.1	0.22	U	0.22	0.22	1.11	ug/m3
91-20-3	Naphthalene	0.1	0.52	UQ	0.21	0.52	2.62	ug/m3
622-96-8	4-Ethyltoluene	0.1	0.49	U	0.49	0.49	2.46	ug/m3
110-54-3	Hexane	1.2	4.23		0.14	0.35	1.76	ug/m3
107-05-1	Allyl Chloride	0.1	0.31	U	0.16	0.31	1.57	ug/m3
123-91-1	1,4-Dioxane	0.1	0.36	U	0.36	0.36	1.8	ug/m3
80-62-6	Methyl Methacrylate	0.1	0.41	U	0.41	0.41	2.05	ug/m3
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	10.6			65 - 135		106%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	1665940		6.63				
540-36-3	1,4-Difluorobenzene	5051480		8.3				
3114-55-4	Chlorobenzene-d5	4270760		13.71				

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
D = Dilution

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
Q = indicates LCS control criteria did not meet requirements

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	J.R.Holzmacher P.E., LLC	Date Collected:	01/30/14
Project:	YUNAJ 14-01	Date Received:	01/31/14
Client Sample ID:	VP-3	SDG No.:	F1310
Lab Sample ID:	F1310-03	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL022000.D	1		02/06/14	VL020614

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	0.56	2.77		0.2	0.49	2.47	ug/m3
74-87-3	Chloromethane	0.1	0.21	J	0.21	0.21	1.03	ug/m3
75-01-4	Vinyl Chloride	0.03	0.08	U	0.08	0.08	1.28	ug/m3
74-83-9	Bromomethane	0.1	0.39	U	0.12	0.39	1.94	ug/m3
75-00-3	Chloroethane	0.1	0.26	U	0.26	0.26	1.32	ug/m3
109-99-9	Tetrahydrofuran	0.19	0.56	J	0.29	0.29	1.47	ug/m3
75-69-4	Trichlorofluoromethane	0.32	1.8	J	0.22	0.56	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	0.1	0.77	J	0.31	0.77	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	0.1	0.7	U	0.28	0.7	3.49	ug/m3
593-60-2	Bromoethene	0.1	0.44	U	0.13	0.44	2.19	ug/m3
75-65-0	tert-Butyl alcohol	0.36	1.09	J	0.3	0.3	1.52	ug/m3
142-82-5	Heptane	2.8	11.5		0.41	0.41	2.05	ug/m3
75-35-4	1,1-Dichloroethene	0.1	0.4	U	0.2	0.4	1.98	ug/m3
67-64-1	Acetone	65.5	155	E	0.24	0.24	1.19	ug/m3
75-15-0	Carbon Disulfide	0.93	2.9		0.16	0.31	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	0.1	0.36	U	0.18	0.36	1.8	ug/m3
75-09-2	Methylene Chloride	1.4	4.86	B	0.17	0.35	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	0.1	0.4	U	0.2	0.4	1.98	ug/m3
75-34-3	1,1-Dichloroethane	0.1	0.4	U	0.16	0.4	2.02	ug/m3
110-82-7	Cyclohexane	0.21	0.72	J	0.34	0.34	1.72	ug/m3
78-93-3	2-Butanone	1.9	5.6		0.29	0.29	1.47	ug/m3
56-23-5	Carbon Tetrachloride	0.03	0.19	J	0.19	0.19	3.15	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.1	0.4	U	0.2	0.4	1.98	ug/m3
67-66-3	Chloroform	0.11	0.54	J	0.1	0.49	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	0.09	0.49	J	0.16	0.16	2.73	ug/m3
540-84-1	2,2,4-Trimethylpentane	0.16	0.75	J	0.19	0.47	2.34	ug/m3
71-43-2	Benzene	1.2	3.83		0.13	0.32	1.6	ug/m3
107-06-2	1,2-Dichloroethane	0.1	0.4	U	0.4	0.4	2.02	ug/m3
79-01-6	Trichloroethene	0.02	0.11	J	0.11	0.16	2.69	ug/m3
78-87-5	1,2-Dichloropropane	0.1	0.46	U	0.46	0.46	2.31	ug/m3
75-27-4	Bromodichloromethane	0.1	0.67	U	0.33	0.67	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	0.37	1.52	J	0.2	0.41	2.05	ug/m3
108-88-3	Toluene	25.2	95.0	E	0.19	0.38	1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	0.1	0.45	U	0.45	0.45	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	0.1	0.45	U	0.45	0.45	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	0.1	0.55	U	0.55	0.55	2.73	ug/m3
124-48-1	Dibromochloromethane	0.1	0.85	U	0.43	0.85	4.26	ug/m3
106-93-4	1,2-Dibromoethane	0.1	0.77	U	0.77	0.77	3.84	ug/m3

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	J.R.Holzmacher P.E., LLC	Date Collected:	01/30/14
Project:	YUNAJ 14-01	Date Received:	01/31/14
Client Sample ID:	VP-3	SDG No.:	F1310
Lab Sample ID:	F1310-03	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL022000.D	1		02/06/14	VL020614

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
127-18-4	Tetrachloroethene	3.2	21.7		0.2	0.2	3.39	ug/m3
108-90-7	Chlorobenzene	0.1	0.46	U	0.46	0.46	2.3	ug/m3
100-41-4	Ethyl Benzene	4.6	20.0		0.43	0.43	2.17	ug/m3
179601-23-1	m/p-Xylene	17.5	76.0		0.43	0.87	4.34	ug/m3
95-47-6	o-Xylene	5	21.7		0.43	0.43	2.17	ug/m3
100-42-5	Styrene	0.1	0.43	U	0.43	0.43	2.13	ug/m3
75-25-2	Bromoform	0.1	1.03	U	0.52	1.03	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.1	0.69	U	0.69	0.69	3.43	ug/m3
95-49-8	2-Chlorotoluene	0.1	0.52	U	0.52	0.52	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.66	3.24		0.49	0.49	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	2.6	12.8		0.49	0.49	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	0.1	0.6	U	0.6	0.6	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	0.1	0.6	U	0.6	0.6	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	0.1	0.6	U	0.6	0.6	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	0.1	0.74	UQ	0.3	0.74	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	0.1	1.07	U	1.07	1.07	5.33	ug/m3
106-99-0	1,3-Butadiene	0.1	0.22	U	0.22	0.22	1.11	ug/m3
91-20-3	Naphthalene	0.13	0.68	JQ	0.21	0.52	2.62	ug/m3
622-96-8	4-Ethyltoluene	1.8	8.85		0.49	0.49	2.46	ug/m3
110-54-3	Hexane	1.3	4.58		0.14	0.35	1.76	ug/m3
107-05-1	Allyl Chloride	0.1	0.31	U	0.16	0.31	1.57	ug/m3
123-91-1	1,4-Dioxane	0.1	0.36	U	0.36	0.36	1.8	ug/m3
80-62-6	Methyl Methacrylate	0.1	0.41	U	0.41	0.41	2.05	ug/m3
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	10.9			65 - 135		109%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	1621750		6.63				
540-36-3	1,4-Difluorobenzene	4781830		8.31				
3114-55-4	Chlorobenzene-d5	4228140		13.71				

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
D = Dilution

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
Q = indicates LCS control criteria did not meet requirements

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	J.R.Holzmacher P.E., LLC	Date Collected:	01/30/14
Project:	YUNAJ 14-01	Date Received:	01/31/14
Client Sample ID:	VP-3DL	SDG No.:	F1310
Lab Sample ID:	F1310-03DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL022001.D	10		02/06/14	VL020614

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	1	4.94	UD	1.98	4.94	24.7	ug/m3
74-87-3	Chloromethane	1	2.07	UD	2.07	2.07	10.3	ug/m3
75-01-4	Vinyl Chloride	0.3	0.77	UD	0.77	0.77	12.8	ug/m3
74-83-9	Bromomethane	1	3.88	UD	1.16	3.88	19.4	ug/m3
75-00-3	Chloroethane	1	2.64	UD	2.64	2.64	13.2	ug/m3
109-99-9	Tetrahydrofuran	1	2.95	UD	2.95	2.95	14.8	ug/m3
75-69-4	Trichlorofluoromethane	1	5.62	UD	2.25	5.62	28.1	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	1	7.66	UD	3.07	7.66	38.3	ug/m3
76-14-2	Dichlorotetrafluoroethane	1	6.99	UD	2.8	6.99	35.0	ug/m3
593-60-2	Bromoethene	1	4.37	UD	1.31	4.37	21.9	ug/m3
75-65-0	tert-Butyl alcohol	1	3.03	UD	3.03	3.03	15.2	ug/m3
142-82-5	Heptane	1.4	5.74	JD	4.1	4.1	20.5	ug/m3
75-35-4	1,1-Dichloroethene	1	3.96	UD	1.98	3.96	19.8	ug/m3
67-64-1	Acetone	76.6	181	D	2.38	2.38	11.9	ug/m3
75-15-0	Carbon Disulfide	0.9	2.8	JD	1.56	3.11	15.6	ug/m3
1634-04-4	Methyl tert-Butyl Ether	1	3.61	UD	1.8	3.61	18.0	ug/m3
75-09-2	Methylene Chloride	1	3.47	UD	1.74	3.47	17.4	ug/m3
156-60-5	trans-1,2-Dichloroethene	1	3.96	UD	1.98	3.96	19.8	ug/m3
75-34-3	1,1-Dichloroethane	1	4.05	UD	1.62	4.05	20.2	ug/m3
110-82-7	Cyclohexane	1	3.44	UD	3.44	3.44	17.2	ug/m3
78-93-3	2-Butanone	1.4	4.13	JD	2.95	2.95	14.8	ug/m3
56-23-5	Carbon Tetrachloride	0.3	1.89	UD	1.89	1.89	31.4	ug/m3
156-59-2	cis-1,2-Dichloroethene	1	3.96	UD	1.98	3.96	19.8	ug/m3
67-66-3	Chloroform	1	4.88	UD	0.98	4.88	24.4	ug/m3
71-55-6	1,1,1-Trichloroethane	0.3	1.64	UD	1.64	1.64	27.3	ug/m3
540-84-1	2,2,4-Trimethylpentane	1	4.67	UD	1.87	4.67	23.4	ug/m3
71-43-2	Benzene	0.9	2.88	JD	1.28	3.19	16.0	ug/m3
107-06-2	1,2-Dichloroethane	1	4.05	UD	4.05	4.05	20.2	ug/m3
79-01-6	Trichloroethene	0.3	1.61	UD	0.81	1.61	26.9	ug/m3
78-87-5	1,2-Dichloropropane	1	4.62	UD	4.62	4.62	23.1	ug/m3
75-27-4	Bromodichloromethane	1	6.7	UD	3.35	6.7	33.5	ug/m3
108-10-1	4-Methyl-2-Pentanone	1	4.1	UD	2.05	4.1	20.5	ug/m3
108-88-3	Toluene	19.4	73.1	D	1.88	3.77	18.8	ug/m3
10061-02-6	t-1,3-Dichloropropene	1	4.54	UD	4.54	4.54	22.7	ug/m3
10061-01-5	cis-1,3-Dichloropropene	1	4.54	UD	4.54	4.54	22.7	ug/m3
79-00-5	1,1,2-Trichloroethane	1	5.46	UD	5.46	5.46	27.3	ug/m3
124-48-1	Dibromochloromethane	1	8.52	UD	4.26	8.52	42.6	ug/m3
106-93-4	1,2-Dibromoethane	1	7.69	UD	7.69	7.69	38.4	ug/m3

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	J.R.Holzmacher P.E., LLC	Date Collected:	01/30/14
Project:	YUNAJ 14-01	Date Received:	01/31/14
Client Sample ID:	VP-3DL	SDG No.:	F1310
Lab Sample ID:	F1310-03DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL022001.D	10		02/06/14	VL020614

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
127-18-4	Tetrachloroethene	2.8	19.0	JD	2.03	2.03	33.9	ug/m3
108-90-7	Chlorobenzene	1	4.61	UD	4.61	4.61	23.0	ug/m3
100-41-4	Ethyl Benzene	2.6	11.3	JD	4.34	4.34	21.7	ug/m3
179601-23-1	m/p-Xylene	12.7	55.2	D	4.34	8.69	43.4	ug/m3
95-47-6	o-Xylene	3.3	14.3	JD	4.34	4.34	21.7	ug/m3
100-42-5	Styrene	1	4.26	UD	4.26	4.26	21.3	ug/m3
75-25-2	Bromoform	1	10.3	UD	5.17	10.3	51.7	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	1	6.87	UD	6.87	6.87	34.3	ug/m3
95-49-8	2-Chlorotoluene	1	5.18	UD	5.18	5.18	25.9	ug/m3
108-67-8	1,3,5-Trimethylbenzene	1	4.92	UD	4.92	4.92	24.6	ug/m3
95-63-6	1,2,4-Trimethylbenzene	1.4	6.88	JD	4.92	4.92	24.6	ug/m3
541-73-1	1,3-Dichlorobenzene	1	6.01	UD	6.01	6.01	30.1	ug/m3
106-46-7	1,4-Dichlorobenzene	1	6.01	UD	6.01	6.01	30.1	ug/m3
95-50-1	1,2-Dichlorobenzene	1	6.01	UD	6.01	6.01	30.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	1	7.42	UDQ	2.97	7.42	37.1	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	1	10.7	UD	10.7	10.7	53.3	ug/m3
106-99-0	1,3-Butadiene	1	2.21	UD	2.21	2.21	11.1	ug/m3
91-20-3	Naphthalene	1	5.24	UDQ	2.1	5.24	26.2	ug/m3
622-96-8	4-Ethyltoluene	1.2	5.9	JD	4.92	4.92	24.6	ug/m3
110-54-3	Hexane	1	3.52	UD	1.41	3.52	17.6	ug/m3
107-05-1	Allyl Chloride	1	3.13	UD	1.57	3.13	15.6	ug/m3
123-91-1	1,4-Dioxane	1	3.6	UD	3.6	3.6	18.0	ug/m3
80-62-6	Methyl Methacrylate	1	4.09	UD	4.09	4.09	20.5	ug/m3
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	10.8			65 - 135		108%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	1579780		6.63				
540-36-3	1,4-Difluorobenzene	4955400		8.3				
3114-55-4	Chlorobenzene-d5	4384930		13.71				

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
D = Dilution

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
Q = indicates LCS control criteria did not meet requirements

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	J.R.Holzmacher P.E., LLC	Date Collected:	01/30/14
Project:	YUNAJ 14-01	Date Received:	01/31/14
Client Sample ID:	VP-4	SDG No.:	F1310
Lab Sample ID:	F1310-04	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL022002.D	1		02/06/14	VL020614

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	0.56	2.77		0.2	0.49	2.47	ug/m3
74-87-3	Chloromethane	0.38	0.78	J	0.21	0.21	1.03	ug/m3
75-01-4	Vinyl Chloride	0.03	0.08	U	0.08	0.08	1.28	ug/m3
74-83-9	Bromomethane	0.1	0.39	U	0.12	0.39	1.94	ug/m3
75-00-3	Chloroethane	0.1	0.26	U	0.26	0.26	1.32	ug/m3
109-99-9	Tetrahydrofuran	0.13	0.38	J	0.29	0.29	1.47	ug/m3
75-69-4	Trichlorofluoromethane	0.48	2.7	J	0.22	0.56	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	0.09	0.69	J	0.31	0.77	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	0.1	0.7	U	0.28	0.7	3.49	ug/m3
593-60-2	Bromoethene	0.1	0.44	U	0.13	0.44	2.19	ug/m3
75-65-0	tert-Butyl alcohol	0.25	0.76	J	0.3	0.3	1.52	ug/m3
142-82-5	Heptane	0.88	3.61		0.41	0.41	2.05	ug/m3
75-35-4	1,1-Dichloroethene	0.1	0.4	U	0.2	0.4	1.98	ug/m3
67-64-1	Acetone	37.9	90.0	E	0.24	0.24	1.19	ug/m3
75-15-0	Carbon Disulfide	0.33	1.03	J	0.16	0.31	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	0.1	0.36	U	0.18	0.36	1.8	ug/m3
75-09-2	Methylene Chloride	1.3	4.52	B	0.17	0.35	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	0.1	0.4	U	0.2	0.4	1.98	ug/m3
75-34-3	1,1-Dichloroethane	0.1	0.4	U	0.16	0.4	2.02	ug/m3
110-82-7	Cyclohexane	0.21	0.72	J	0.34	0.34	1.72	ug/m3
78-93-3	2-Butanone	1.4	4.13		0.29	0.29	1.47	ug/m3
56-23-5	Carbon Tetrachloride	0.04	0.25	J	0.19	0.19	3.15	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.1	0.4	U	0.2	0.4	1.98	ug/m3
67-66-3	Chloroform	0.1	0.49	U	0.1	0.49	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	0.03	0.16	U	0.16	0.16	2.73	ug/m3
540-84-1	2,2,4-Trimethylpentane	0.13	0.61	J	0.19	0.47	2.34	ug/m3
71-43-2	Benzene	0.72	2.3		0.13	0.32	1.6	ug/m3
107-06-2	1,2-Dichloroethane	0.1	0.4	U	0.4	0.4	2.02	ug/m3
79-01-6	Trichloroethene	0.03	0.16	U	0.11	0.16	2.69	ug/m3
78-87-5	1,2-Dichloropropane	0.1	0.46	U	0.46	0.46	2.31	ug/m3
75-27-4	Bromodichloromethane	0.1	0.67	U	0.33	0.67	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	0.1	0.41	U	0.2	0.41	2.05	ug/m3
108-88-3	Toluene	7.2	27.1		0.19	0.38	1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	0.1	0.45	U	0.45	0.45	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	0.1	0.45	U	0.45	0.45	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	0.1	0.55	U	0.55	0.55	2.73	ug/m3
124-48-1	Dibromochloromethane	0.1	0.85	U	0.43	0.85	4.26	ug/m3
106-93-4	1,2-Dibromoethane	0.1	0.77	U	0.77	0.77	3.84	ug/m3

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	J.R.Holzmacher P.E., LLC	Date Collected:	01/30/14
Project:	YUNAJ 14-01	Date Received:	01/31/14
Client Sample ID:	VP-4	SDG No.:	F1310
Lab Sample ID:	F1310-04	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL022002.D	1		02/06/14	VL020614

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
127-18-4	Tetrachloroethene	0.25	1.7	J	0.2	0.2	3.39	ug/m3
108-90-7	Chlorobenzene	0.1	0.46	U	0.46	0.46	2.3	ug/m3
100-41-4	Ethyl Benzene	1.1	4.78		0.43	0.43	2.17	ug/m3
179601-23-1	m/p-Xylene	4.2	18.2		0.43	0.87	4.34	ug/m3
95-47-6	o-Xylene	1.2	5.21		0.43	0.43	2.17	ug/m3
100-42-5	Styrene	0.1	0.43	U	0.43	0.43	2.13	ug/m3
75-25-2	Bromoform	0.1	1.03	U	0.52	1.03	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.1	0.69	U	0.69	0.69	3.43	ug/m3
95-49-8	2-Chlorotoluene	0.1	0.52	U	0.52	0.52	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.13	0.64	J	0.49	0.49	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	0.49	2.41	J	0.49	0.49	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	0.1	0.6	U	0.6	0.6	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	0.1	0.6	U	0.6	0.6	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	0.1	0.6	U	0.6	0.6	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	0.1	0.74	UQ	0.3	0.74	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	0.1	1.07	U	1.07	1.07	5.33	ug/m3
106-99-0	1,3-Butadiene	0.1	0.22	U	0.22	0.22	1.11	ug/m3
91-20-3	Naphthalene	0.1	0.52	UQ	0.21	0.52	2.62	ug/m3
622-96-8	4-Ethyltoluene	0.33	1.62	J	0.49	0.49	2.46	ug/m3
110-54-3	Hexane	0.79	2.78		0.14	0.35	1.76	ug/m3
107-05-1	Allyl Chloride	0.1	0.31	U	0.16	0.31	1.57	ug/m3
123-91-1	1,4-Dioxane	0.1	0.36	U	0.36	0.36	1.8	ug/m3
80-62-6	Methyl Methacrylate	0.1	0.41	U	0.41	0.41	2.05	ug/m3
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	10.8			65 - 135		108%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	1620150		6.63				
540-36-3	1,4-Difluorobenzene	5051400		8.3				
3114-55-4	Chlorobenzene-d5	4236260		13.71				

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
D = Dilution

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
Q = indicates LCS control criteria did not meet requirements

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	J.R.Holzmacher P.E., LLC	Date Collected:	01/30/14
Project:	YUNAJ 14-01	Date Received:	01/31/14
Client Sample ID:	VP-4DL	SDG No.:	F1310
Lab Sample ID:	F1310-04DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL022003.D	10		02/07/14	VL020614

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	1	4.94	UD	1.98	4.94	24.7	ug/m3
74-87-3	Chloromethane	1	2.07	UD	2.07	2.07	10.3	ug/m3
75-01-4	Vinyl Chloride	0.3	0.77	UD	0.77	0.77	12.8	ug/m3
74-83-9	Bromomethane	1	3.88	UD	1.16	3.88	19.4	ug/m3
75-00-3	Chloroethane	1	2.64	UD	2.64	2.64	13.2	ug/m3
109-99-9	Tetrahydrofuran	1	2.95	UD	2.95	2.95	14.8	ug/m3
75-69-4	Trichlorofluoromethane	1	5.62	UD	2.25	5.62	28.1	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	1	7.66	UD	3.07	7.66	38.3	ug/m3
76-14-2	Dichlorotetrafluoroethane	1	6.99	UD	2.8	6.99	35.0	ug/m3
593-60-2	Bromoethene	1	4.37	UD	1.31	4.37	21.9	ug/m3
75-65-0	tert-Butyl alcohol	1	3.03	UD	3.03	3.03	15.2	ug/m3
142-82-5	Heptane	1	4.1	UD	4.1	4.1	20.5	ug/m3
75-35-4	1,1-Dichloroethene	1	3.96	UD	1.98	3.96	19.8	ug/m3
67-64-1	Acetone	42.6	101	D	2.38	2.38	11.9	ug/m3
75-15-0	Carbon Disulfide	1	3.11	UD	1.56	3.11	15.6	ug/m3
1634-04-4	Methyl tert-Butyl Ether	1	3.61	UD	1.8	3.61	18.0	ug/m3
75-09-2	Methylene Chloride	1	3.47	UD	1.74	3.47	17.4	ug/m3
156-60-5	trans-1,2-Dichloroethene	1	3.96	UD	1.98	3.96	19.8	ug/m3
75-34-3	1,1-Dichloroethane	1	4.05	UD	1.62	4.05	20.2	ug/m3
110-82-7	Cyclohexane	1	3.44	UD	3.44	3.44	17.2	ug/m3
78-93-3	2-Butanone	1.1	3.24	JD	2.95	2.95	14.8	ug/m3
56-23-5	Carbon Tetrachloride	0.3	1.89	UD	1.89	1.89	31.4	ug/m3
156-59-2	cis-1,2-Dichloroethene	1	3.96	UD	1.98	3.96	19.8	ug/m3
67-66-3	Chloroform	1	4.88	UD	0.98	4.88	24.4	ug/m3
71-55-6	1,1,1-Trichloroethane	0.3	1.64	UD	1.64	1.64	27.3	ug/m3
540-84-1	2,2,4-Trimethylpentane	1	4.67	UD	1.87	4.67	23.4	ug/m3
71-43-2	Benzene	1	3.19	UD	1.28	3.19	16.0	ug/m3
107-06-2	1,2-Dichloroethane	1	4.05	UD	4.05	4.05	20.2	ug/m3
79-01-6	Trichloroethene	0.3	1.61	UD	0.81	1.61	26.9	ug/m3
78-87-5	1,2-Dichloropropane	1	4.62	UD	4.62	4.62	23.1	ug/m3
75-27-4	Bromodichloromethane	1	6.7	UD	3.35	6.7	33.5	ug/m3
108-10-1	4-Methyl-2-Pentanone	1	4.1	UD	2.05	4.1	20.5	ug/m3
108-88-3	Toluene	3.5	13.2	JD	1.88	3.77	18.8	ug/m3
10061-02-6	t-1,3-Dichloropropene	1	4.54	UD	4.54	4.54	22.7	ug/m3
10061-01-5	cis-1,3-Dichloropropene	1	4.54	UD	4.54	4.54	22.7	ug/m3
79-00-5	1,1,2-Trichloroethane	1	5.46	UD	5.46	5.46	27.3	ug/m3
124-48-1	Dibromochloromethane	1	8.52	UD	4.26	8.52	42.6	ug/m3
106-93-4	1,2-Dibromoethane	1	7.69	UD	7.69	7.69	38.4	ug/m3

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	J.R.Holzmacher P.E., LLC	Date Collected:	01/30/14
Project:	YUNAJ 14-01	Date Received:	01/31/14
Client Sample ID:	VP-4DL	SDG No.:	F1310
Lab Sample ID:	F1310-04DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL022003.D	10		02/07/14	VL020614

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
127-18-4	Tetrachloroethene	0.3	2.03	UD	2.03	2.03	33.9	ug/m3
108-90-7	Chlorobenzene	1	4.61	UD	4.61	4.61	23.0	ug/m3
100-41-4	Ethyl Benzene	1	4.34	UD	4.34	4.34	21.7	ug/m3
179601-23-1	m/p-Xylene	1.7	7.38	JD	4.34	8.69	43.4	ug/m3
95-47-6	o-Xylene	1	4.34	UD	4.34	4.34	21.7	ug/m3
100-42-5	Styrene	1	4.26	UD	4.26	4.26	21.3	ug/m3
75-25-2	Bromoform	1	10.3	UD	5.17	10.3	51.7	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	1	6.87	UD	6.87	6.87	34.3	ug/m3
95-49-8	2-Chlorotoluene	1	5.18	UD	5.18	5.18	25.9	ug/m3
108-67-8	1,3,5-Trimethylbenzene	1	4.92	UD	4.92	4.92	24.6	ug/m3
95-63-6	1,2,4-Trimethylbenzene	1	4.92	UD	4.92	4.92	24.6	ug/m3
541-73-1	1,3-Dichlorobenzene	1	6.01	UD	6.01	6.01	30.1	ug/m3
106-46-7	1,4-Dichlorobenzene	1	6.01	UD	6.01	6.01	30.1	ug/m3
95-50-1	1,2-Dichlorobenzene	1	6.01	UD	6.01	6.01	30.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	1	7.42	UDQ	2.97	7.42	37.1	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	1	10.7	UD	10.7	10.7	53.3	ug/m3
106-99-0	1,3-Butadiene	1	2.21	UD	2.21	2.21	11.1	ug/m3
91-20-3	Naphthalene	1	5.24	UDQ	2.1	5.24	26.2	ug/m3
622-96-8	4-Ethyltoluene	1	4.92	UD	4.92	4.92	24.6	ug/m3
110-54-3	Hexane	1	3.52	UD	1.41	3.52	17.6	ug/m3
107-05-1	Allyl Chloride	1	3.13	UD	1.57	3.13	15.6	ug/m3
123-91-1	1,4-Dioxane	1	3.6	UD	3.6	3.6	18.0	ug/m3
80-62-6	Methyl Methacrylate	1	4.09	UD	4.09	4.09	20.5	ug/m3
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	10.6			65 - 135		106%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	1487170		6.63				
540-36-3	1,4-Difluorobenzene	4537180		8.3				
3114-55-4	Chlorobenzene-d5	3742730		13.71				

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
D = Dilution

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
Q = indicates LCS control criteria did not meet requirements

QC SUMMARY

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Surrogate Summary

SDG No.: F1310

Client: J.R.Holzmacher P.E., LLC

Analytical Method: SWTO-15

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery	Qual	Limits Low	Limits High
F1310-01	VP-1	1-Bromo-4-Fluorobenzene	10	10.85	109		65	135
F1310-01DL	VP-1DL	1-Bromo-4-Fluorobenzene	10	10.84	108		65	135
F1310-02	VP-2	1-Bromo-4-Fluorobenzene	10	10.57	106		65	135
F1310-03	VP-3	1-Bromo-4-Fluorobenzene	10	10.91	109		65	135
F1310-03DL	VP-3DL	1-Bromo-4-Fluorobenzene	10	10.77	108		65	135
F1310-04	VP-4	1-Bromo-4-Fluorobenzene	10	10.76	108		65	135
F1310-04DL	VP-4DL	1-Bromo-4-Fluorobenzene	10	10.61	106		65	135
F1310-04DUP	VP-4DUP	1-Bromo-4-Fluorobenzene	10	10.83	108		65	135
VL0206ABL	VL0206ABL	1-Bromo-4-Fluorobenzene	10	10.12	101		65	135
VL0206ABS	VL0206ABS	1-Bromo-4-Fluorobenzene	10	9.66	97		65	135

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: F1310

Client: J.R.Holzmacher P.E., LLC

Analytical Method: SWTO-15 **Datafile :** VL021992.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VL0206ABS	Dichlorodifluoromethane	10	10.4	ppbv	104			70	130	
	Chloromethane	10	9.5	ppbv	95			70	130	
	Vinyl Chloride	10	9.6	ppbv	96			70	130	
	Bromomethane	10	10.7	ppbv	107			70	130	
	Chloroethane	10	10.1	ppbv	101			70	130	
	Tetrahydrofuran	10	10.2	ppbv	102			70	130	
	Trichlorofluoromethane	10	11.3	ppbv	113			70	130	
	1,1,2-Trichlorotrifluoroethane	10	11.3	ppbv	113			70	130	
	Dichlorotetrafluoethane	10	10.5	ppbv	105			70	130	
	Bromoethene	10	11.1	ppbv	111			70	130	
	tert-Butyl Alcohol	10	11.9	ppbv	119			70	130	
	Heptane	10	10.5	ppbv	105			70	130	
	1,1-Dichloroethene	10	11.3	ppbv	113			70	130	
	Acetone	10	9.3	ppbv	93			70	130	
	Carbon disulfide	10	11.5	ppbv	115			70	130	
	Methyl tert-butyl Ether	10	11.6	ppbv	116			70	130	
	Methylene Chloride	10	8.8	ppbv	88			70	130	
	trans-1,2-Dichloroethene	10	11.1	ppbv	111			70	130	
	1,1-Dichloroethane	10	10.2	ppbv	102			70	130	
	Cyclohexane	10	11.3	ppbv	113			70	130	
	2-Butanone	10	9.6	ppbv	96			70	130	
	Carbon Tetrachloride	10	9.8	ppbv	98			70	130	
	cis-1,2-Dichloroethene	10	11.3	ppbv	113			70	130	
	Chloroform	10	10.6	ppbv	106			70	130	
	1,1,1-Trichloroethane	10	11.1	ppbv	111			70	130	
	2,2,4-Trimethylpentane	10	9.9	ppbv	99			70	130	
	Benzene	10	10.3	ppbv	103			70	130	
	1,2-Dichloroethane	10	9.8	ppbv	98			70	130	
	Trichloroethene	10	11.2	ppbv	112			70	130	
	1,2-Dichloropropane	10	9.5	ppbv	95			70	130	
	Bromodichloromethane	10	10	ppbv	100			70	130	
	4-Methyl-2-Pentanone	10	10.3	ppbv	103			70	130	
	Toluene	10	11.7	ppbv	117			70	130	
	t-1,3-Dichloropropene	10	12	ppbv	120			70	130	
	cis-1,3-Dichloropropene	10	11.6	ppbv	116			70	130	
	1,1,2-Trichloroethane	10	10.3	ppbv	103			70	130	
	Dibromochloromethane	10	11.1	ppbv	111			70	130	
	1,2-Dibromoethane	10	11.2	ppbv	112			70	130	
	Tetrachloroethene	10	11.8	ppbv	118			70	130	
	Chlorobenzene	10	10.2	ppbv	102			70	130	
	Ethyl Benzene	10	11.6	ppbv	116			70	130	
	m/p-Xylene	20	22.4	ppbv	112			70	130	
	o-Xylene	10	11.5	ppbv	115			70	130	
	Styrene	10	12.7	ppbv	127			70	130	
	Bromoform	10	12.1	ppbv	121			70	130	
	1,1,2,2-Tetrachloroethane	10	10.2	ppbv	102			70	130	
	2-Chlorotoluene	10	12	ppbv	120			70	130	
	1,3,5-Trimethylbenzene	10	11.8	ppbv	118			70	130	
	1,2,4-Trimethylbenzene	10	11.6	ppbv	116			70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: F1310

Client: J.R.Holzmacher P.E., LLC

Analytical Method: SWTO-15 **Datafile :** VL021992.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VL0206ABS	1,3-Dichlorobenzene	10	11.5	ppbv	115			70	130	
	1,4-Dichlorobenzene	10	11.7	ppbv	117			70	130	
	1,2-Dichlorobenzene	10	11.6	ppbv	116			70	130	
	1,2,4-Trichlorobenzene	10	13.4	ppbv	134		*	70	130	
	Hexachloro-1,3-butadiene	10	11.2	ppbv	112			70	130	
	Naphthalene	10	13.5	ppbv	135		*	70	130	
	1,3-Butadiene	10	10.1	ppbv	101			70	130	
	4-Ethyltoluene	10	12.1	ppbv	121			70	130	
	Hexane	10	10.6	ppbv	106			70	130	
	Allyl Chloride	10	10.7	ppbv	107			70	130	
	1,4-Dioxane	10	11.1	ppbv	111			70	130	
	Methyl methacrylate	10	11.1	ppbv	111			70	130	

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Duplicate Sample Summary

Lab Sample Id :	F1310-04DUP		F1310-04	
Client Id :	VP-4DUP		VP-4	
DF :	1		1	
Datafile :	VL022016.D		VL022002.D	
Anal Date & Time :	02/07/2014	10:11	02/06/2014	23:52

Parameter	Result	Result	RPD
1,1,1-Trichloroethane	0	0	0
1,1,2,2-Tetrachloroethane	0	0	0
1,1,2-Trichloroethane	0	0	0
1,1,2-Trichlorotrifluoroethane	0.09	0.09	0
1,1-Dichloroethane	0	0	0
1,1-Dichloroethene	0	0	0
1,2,4-Trichlorobenzene	0	0	0
1,2,4-Trimethylbenzene	0.59	0.49	18.5
1,2-Dibromoethane	0	0	0
1,2-Dichlorobenzene	0	0	0
1,2-Dichloroethane	0	0	0
1,2-Dichloropropane	0	0	0
1,3,5-Trimethylbenzene	0.16	0.13	20.7 *
1,3-Butadiene	0	0	0
1,3-Dichlorobenzene	0	0	0
1,4-Dichlorobenzene	0.03	0	200 *
1,4-Dioxane	0	0	0
2,2,4-Trimethylpentane	0.18	0.13	32.3 *
2-Butanone	1.6	1.4	13.3
2-Chlorotoluene	0	0	0
4-Ethyltoluene	0.41	0.33	21.6 *
4-Methyl-2-Pentanone	0.16	0	200 *
Acetone	40.9	37.9	7.6
Allyl Chloride	0	0	0
Benzene	0.85	0.72	16.6
Bromodichloromethane	0	0	0
Bromoethene	0	0	0
Bromoform	0	0	0
Bromomethane	0	0	0
Carbon Disulfide	0.36	0.33	8.7

Duplicate Sample Summary

Lab Sample Id :	F1310-04DUP		F1310-04	
Client Id :	VP-4DUP		VP-4	
DF :	1		1	
Datafile :	VL022016.D		VL022002.D	
Anal Date & Time :	02/07/2014	10:11	02/06/2014	23:52

Parameter	Result	Result	RPD
Carbon Tetrachloride	0.05	0.04	22.2 *
Chlorobenzene	0	0	0
Chloroethane	0	0	0
Chloroform	0	0	0
Chloromethane	0.42	0.38	10
cis-1,2-Dichloroethene	0	0	0
cis-1,3-Dichloropropene	0	0	0
Cyclohexane	0.26	0.21	21.3 *
Dibromochloromethane	0	0	0
Dichlorodifluoromethane	0.53	0.56	5.5
Dichlorotetrafluoroethane	0	0	0
Ethyl Benzene	1.3	1.1	16.7
Heptane	1.1	0.88	22.2 *
Hexachloro-1,3-Butadiene	0	0	0
Hexane	0.95	0.79	18.4
m/p-Xylene	4.8	4.2	13.3
Methyl Methacrylate	0	0	0
Methyl tert-Butyl Ether	0	0	0
Methylene Chloride	1.3	1.3	0
Naphthalene	0	0	0
o-Xylene	1.4	1.2	15.4
Styrene	0	0	0
t-1,3-Dichloropropene	0	0	0
tert-Butyl alcohol	0.33	0.25	27.6 *
Tetrachloroethene	0.32	0.25	24.6 *
Tetrahydrofuran	0.18	0.13	32.3 *
Toluene	8	7.2	10.5
trans-1,2-Dichloroethene	0	0	0
Trichloroethene	0	0	0
Trichlorofluoromethane	0.51	0.48	6.1
Vinyl Chloride	0	0	0

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VL0206ABL

Lab Name: CHEMTECH Contract: JRH001

Lab Code: CHEM Case No.: F1310 SAS No.: F1310 SDG NO.: F1310

Lab File ID: VL021991.D Lab Sample ID: VL0206ABL

Date Analyzed: 02/06/2014 Time Analyzed: 15:46

GC Column: RTX-1 ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_L

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VL0206ABS	VL0206ABS	VL021992.D	02/06/2014
VP-1	F1310-01	VL021996.D	02/06/2014
VP-1DL	F1310-01DL	VL021997.D	02/06/2014
VP-2	F1310-02	VL021998.D	02/06/2014
VP-3	F1310-03	VL022000.D	02/06/2014
VP-3DL	F1310-03DL	VL022001.D	02/06/2014
VP-4	F1310-04	VL022002.D	02/06/2014
VP-4DL	F1310-04DL	VL022003.D	02/07/2014
VP-4DUP	F1310-04DUP	VL022016.D	02/07/2014

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH
Contract: JRHO01
Lab Code: CHEM
Case No.: F1310
SAS No.: F1310
SDG NO.: F1310
Lab File ID: VL021959.D
BFB Injection Date: 02/04/2014
Instrument ID: MSVOA_L
BFB Injection Time: 12:51
GC Column: RTX-1 ID: 0.32 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	21.5
75	30.0 - 66.0% of mass 95	54.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 120.0% of mass 95	63.9
175	4.0 - 9.0% of mass 174	4.6 (7.2) 1
176	93.0 - 101.0% of mass 174	61.2 (95.8) 1
177	5.0 - 9.0% of mass 176	4 (6.6) 2

1-Value is % mass 174
2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICCC010	VSTDICCC010	VL021960.D	02/04/2014	13:29
VSTDICC002	VSTDICC002	VL021961.D	02/04/2014	14:10
VSTDICC0.1	VSTDICC0.1	VL021962.D	02/04/2014	14:49
VSTDICC0.03	VSTDICC0.03	VL021963.D	02/04/2014	15:27
VSTDICC001	VSTDICC001	VL021964.D	02/04/2014	16:04
VSTDICC0.5	VSTDICC0.5	VL021965.D	02/04/2014	16:41
VSTDICC015	VSTDICC015	VL021966.D	02/04/2014	17:22

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH
Contract: JRHO01
Lab Code: CHEM
Case No.: F1310
SAS No.: F1310
SDG NO.: F1310
Lab File ID: VL021989.D
BFB Injection Date: 02/06/2014
Instrument ID: MSVOA_L
BFB Injection Time: 13:07
GC Column: RTX-1 ID: 0.32 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	20.6
75	30.0 - 66.0% of mass 95	54.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 120.0% of mass 95	66.4
175	4.0 - 9.0% of mass 174	4.8 (7.3) 1
176	93.0 - 101.0% of mass 174	64 (96.5) 1
177	5.0 - 9.0% of mass 176	4.2 (6.6) 2

1-Value is % mass 174
2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC010	VSTDCCC010	VL021990.D	02/06/2014	13:45
VL0206ABL	VL0206ABL	VL021991.D	02/06/2014	15:46
VL0206ABS	VL0206ABS	VL021992.D	02/06/2014	16:25
VP-1	F1310-01	VL021996.D	02/06/2014	19:49
VP-1DL	F1310-01DL	VL021997.D	02/06/2014	20:30
VP-2	F1310-02	VL021998.D	02/06/2014	21:11
VP-3	F1310-03	VL022000.D	02/06/2014	22:32
VP-3DL	F1310-03DL	VL022001.D	02/06/2014	23:12
VP-4	F1310-04	VL022002.D	02/06/2014	23:52
VP-4DL	F1310-04DL	VL022003.D	02/07/2014	00:33
VP-4DUP	F1310-04DUP	VL022016.D	02/07/2014	10:11

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: JRHO01

Lab Code: CHEM Case No.: F1310 SAS No.: F1310 SDG NO.: F1310

Lab File ID: VL021990.D Date Analyzed: 02/06/2014

Instrument ID: MSVOA_L Time Analyzed: 13:45

GC Column: RTX-1 ID: 0.32 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	1461340	6.63	5229100	8.31	4850570	13.73
UPPER LIMIT	2045870	6.96	7320740	8.64	6790800	14.06
LOWER LIMIT	876802	6.30	3137460	7.98	2910340	13.40
EPA SAMPLE NO.						
VP-1	1557700	6.63	4667580	8.31	4233840	13.72
VP-1DL	1566740	6.63	4948510	8.30	4439640	13.71
VP-2	1665940	6.63	5051480	8.30	4270760	13.71
VP-3	1621750	6.63	4781830	8.31	4228140	13.71
VP-3DL	1579780	6.63	4955400	8.30	4384930	13.71
VP-4	1620150	6.63	5051400	8.30	4236260	13.71
VP-4DL	1487170	6.63	4537180	8.30	3742730	13.71
VP-4DUP	1494010	6.62	4971450	8.29	4542110	13.71
VL0206ABL	1394960	6.63	4295030	8.30	3669070	13.71
VL0206ABS	1526440	6.63	5060570	8.31	4754030	13.73

IS1 = Bromochloromethane
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +40% of internal standard area
AREA LOWER LIMIT = -40% of internal standard area
RT UPPER LIMIT = +0.33 minutes of internal standard RT
RT LOWER LIMIT = -0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

QC SAMPLE DATA

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Report of Analysis

Client:	J.R.Holzmacher P.E., LLC	Date Collected:	
Project:	YUNAJ 14-01	Date Received:	
Client Sample ID:	VL0206ABL	SDG No.:	F1310
Lab Sample ID:	VL0206ABL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL021991.D	1		02/06/14	VL020614

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	0.1	0.49	U	0.2	0.49	2.47	ug/m3
74-87-3	Chloromethane	0.1	0.21	U	0.21	0.21	1.03	ug/m3
75-01-4	Vinyl Chloride	0.03	0.08	U	0.08	0.08	1.28	ug/m3
74-83-9	Bromomethane	0.1	0.39	U	0.12	0.39	1.94	ug/m3
75-00-3	Chloroethane	0.1	0.26	U	0.26	0.26	1.32	ug/m3
109-99-9	Tetrahydrofuran	0.1	0.29	U	0.29	0.29	1.47	ug/m3
75-69-4	Trichlorofluoromethane	0.1	0.56	U	0.22	0.56	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	0.1	0.77	U	0.31	0.77	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	0.1	0.7	U	0.28	0.7	3.49	ug/m3
593-60-2	Bromoethene	0.1	0.44	U	0.13	0.44	2.19	ug/m3
75-65-0	tert-Butyl alcohol	0.1	0.3	U	0.3	0.3	1.52	ug/m3
142-82-5	Heptane	0.1	0.41	U	0.41	0.41	2.05	ug/m3
75-35-4	1,1-Dichloroethene	0.1	0.4	U	0.2	0.4	1.98	ug/m3
67-64-1	Acetone	0.1	0.24	U	0.24	0.24	1.19	ug/m3
75-15-0	Carbon Disulfide	0.1	0.31	U	0.16	0.31	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	0.1	0.36	U	0.18	0.36	1.8	ug/m3
75-09-2	Methylene Chloride	0.36	1.25	J	0.17	0.35	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	0.1	0.4	U	0.2	0.4	1.98	ug/m3
75-34-3	1,1-Dichloroethane	0.1	0.4	U	0.16	0.4	2.02	ug/m3
110-82-7	Cyclohexane	0.1	0.34	U	0.34	0.34	1.72	ug/m3
78-93-3	2-Butanone	0.1	0.29	U	0.29	0.29	1.47	ug/m3
56-23-5	Carbon Tetrachloride	0.03	0.19	U	0.19	0.19	3.15	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.1	0.4	U	0.2	0.4	1.98	ug/m3
67-66-3	Chloroform	0.1	0.49	U	0.1	0.49	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	0.03	0.16	U	0.16	0.16	2.73	ug/m3
540-84-1	2,2,4-Trimethylpentane	0.1	0.47	U	0.19	0.47	2.34	ug/m3
71-43-2	Benzene	0.1	0.32	U	0.13	0.32	1.6	ug/m3
107-06-2	1,2-Dichloroethane	0.1	0.4	U	0.4	0.4	2.02	ug/m3
79-01-6	Trichloroethene	0.03	0.16	U	0.11	0.16	2.69	ug/m3
78-87-5	1,2-Dichloropropane	0.1	0.46	U	0.46	0.46	2.31	ug/m3
75-27-4	Bromodichloromethane	0.1	0.67	U	0.33	0.67	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	0.1	0.41	U	0.2	0.41	2.05	ug/m3
108-88-3	Toluene	0.1	0.38	U	0.19	0.38	1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	0.1	0.45	U	0.45	0.45	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	0.1	0.45	U	0.45	0.45	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	0.1	0.55	U	0.55	0.55	2.73	ug/m3
124-48-1	Dibromochloromethane	0.1	0.85	U	0.43	0.85	4.26	ug/m3
106-93-4	1,2-Dibromoethane	0.1	0.77	U	0.77	0.77	3.84	ug/m3

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Report of Analysis

Client:	J.R.Holzmacher P.E., LLC	Date Collected:	
Project:	YUNAJ 14-01	Date Received:	
Client Sample ID:	VL0206ABL	SDG No.:	F1310
Lab Sample ID:	VL0206ABL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL021991.D	1		02/06/14	VL020614

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
127-18-4	Tetrachloroethene	0.03	0.2	U	0.2	0.2	3.39	ug/m3
108-90-7	Chlorobenzene	0.1	0.46	U	0.46	0.46	2.3	ug/m3
100-41-4	Ethyl Benzene	0.1	0.43	U	0.43	0.43	2.17	ug/m3
179601-23-1	m/p-Xylene	0.2	0.87	U	0.43	0.87	4.34	ug/m3
95-47-6	o-Xylene	0.1	0.43	U	0.43	0.43	2.17	ug/m3
100-42-5	Styrene	0.1	0.43	U	0.43	0.43	2.13	ug/m3
75-25-2	Bromoform	0.1	1.03	U	0.52	1.03	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.1	0.69	U	0.69	0.69	3.43	ug/m3
95-49-8	2-Chlorotoluene	0.1	0.52	U	0.52	0.52	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.1	0.49	U	0.49	0.49	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	0.1	0.49	U	0.49	0.49	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	0.1	0.6	U	0.6	0.6	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	0.1	0.6	U	0.6	0.6	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	0.1	0.6	U	0.6	0.6	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	0.1	0.74	U	0.3	0.74	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	0.1	1.07	U	1.07	1.07	5.33	ug/m3
106-99-0	1,3-Butadiene	0.1	0.22	U	0.22	0.22	1.11	ug/m3
91-20-3	Naphthalene	0.1	0.52	U	0.21	0.52	2.62	ug/m3
622-96-8	4-Ethyltoluene	0.1	0.49	U	0.49	0.49	2.46	ug/m3
110-54-3	Hexane	0.1	0.35	U	0.14	0.35	1.76	ug/m3
107-05-1	Allyl Chloride	0.1	0.31	U	0.16	0.31	1.57	ug/m3
123-91-1	1,4-Dioxane	0.1	0.36	U	0.36	0.36	1.8	ug/m3
80-62-6	Methyl Methacrylate	0.1	0.41	U	0.41	0.41	2.05	ug/m3
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	10.1			65 - 135		101%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	1394960		6.63				
540-36-3	1,4-Difluorobenzene	4295030		8.3				
3114-55-4	Chlorobenzene-d5	3669070		13.71				

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
D = Dilution

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
Q = indicates LCS control criteria did not meet requirements

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Report of Analysis

Client:	J.R.Holzmacher P.E., LLC	Date Collected:	
Project:	YUNAJ 14-01	Date Received:	
Client Sample ID:	VL0206ABS	SDG No.:	F1310
Lab Sample ID:	VL0206ABS	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL021992.D	1		02/06/14	VL020614

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	10.4	51.4		0.2	0.49	2.47	ug/m3
74-87-3	Chloromethane	9.5	19.6		0.21	0.21	1.03	ug/m3
75-01-4	Vinyl Chloride	9.6	24.5		0.08	0.08	1.28	ug/m3
74-83-9	Bromomethane	10.7	41.6		0.12	0.39	1.94	ug/m3
75-00-3	Chloroethane	10.1	26.6		0.26	0.26	1.32	ug/m3
109-99-9	Tetrahydrofuran	10.2	30.1		0.29	0.29	1.47	ug/m3
75-69-4	Trichlorofluoromethane	11.3	63.5		0.22	0.56	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	11.3	86.6		0.31	0.77	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	10.5	73.4		0.28	0.7	3.49	ug/m3
593-60-2	Bromoethene	11.1	48.5		0.13	0.44	2.19	ug/m3
75-65-0	tert-Butyl alcohol	11.9	36.1		0.3	0.3	1.52	ug/m3
142-82-5	Heptane	10.5	43.0		0.41	0.41	2.05	ug/m3
75-35-4	1,1-Dichloroethene	11.3	44.8		0.2	0.4	1.98	ug/m3
67-64-1	Acetone	9.3	22.1		0.24	0.24	1.19	ug/m3
75-15-0	Carbon Disulfide	11.5	35.8		0.16	0.31	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	11.6	41.8		0.18	0.36	1.8	ug/m3
75-09-2	Methylene Chloride	8.8	30.6		0.17	0.35	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	11.1	44.0		0.2	0.4	1.98	ug/m3
75-34-3	1,1-Dichloroethane	10.2	41.3		0.16	0.4	2.02	ug/m3
110-82-7	Cyclohexane	11.3	38.9		0.34	0.34	1.72	ug/m3
78-93-3	2-Butanone	9.6	28.3		0.29	0.29	1.47	ug/m3
56-23-5	Carbon Tetrachloride	9.8	61.6		0.19	0.19	3.15	ug/m3
156-59-2	cis-1,2-Dichloroethene	11.3	44.8		0.2	0.4	1.98	ug/m3
67-66-3	Chloroform	10.6	51.8		0.1	0.49	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	11.1	60.6		0.16	0.16	2.73	ug/m3
540-84-1	2,2,4-Trimethylpentane	9.9	46.2		0.19	0.47	2.34	ug/m3
71-43-2	Benzene	10.3	32.9		0.13	0.32	1.6	ug/m3
107-06-2	1,2-Dichloroethane	9.8	39.7		0.4	0.4	2.02	ug/m3
79-01-6	Trichloroethene	11.2	60.2		0.11	0.16	2.69	ug/m3
78-87-5	1,2-Dichloropropane	9.5	43.9		0.46	0.46	2.31	ug/m3
75-27-4	Bromodichloromethane	10	67.0		0.33	0.67	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	10.3	42.2		0.2	0.41	2.05	ug/m3
108-88-3	Toluene	11.7	44.1		0.19	0.38	1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	12	54.5		0.45	0.45	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	11.6	52.7		0.45	0.45	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	10.3	56.2		0.55	0.55	2.73	ug/m3
124-48-1	Dibromochloromethane	11.1	94.6		0.43	0.85	4.26	ug/m3
106-93-4	1,2-Dibromoethane	11.2	86.1		0.77	0.77	3.84	ug/m3

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Report of Analysis

Client:	J.R.Holzmacher P.E., LLC	Date Collected:	
Project:	YUNAJ 14-01	Date Received:	
Client Sample ID:	VL0206ABS	SDG No.:	F1310
Lab Sample ID:	VL0206ABS	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL021992.D	1		02/06/14	VL020614

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
127-18-4	Tetrachloroethene	11.8	80.0		0.2	0.2	3.39	ug/m3
108-90-7	Chlorobenzene	10.2	47.0		0.46	0.46	2.3	ug/m3
100-41-4	Ethyl Benzene	11.6	50.4		0.43	0.43	2.17	ug/m3
179601-23-1	m/p-Xylene	22.4	97.3		0.43	0.87	4.34	ug/m3
95-47-6	o-Xylene	11.5	50.0		0.43	0.43	2.17	ug/m3
100-42-5	Styrene	12.7	54.1		0.43	0.43	2.13	ug/m3
75-25-2	Bromoform	12.1	125		0.52	1.03	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	10.2	70.0		0.69	0.69	3.43	ug/m3
95-49-8	2-Chlorotoluene	12	62.1		0.52	0.52	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	11.8	58.0		0.49	0.49	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	11.6	57.0		0.49	0.49	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	11.5	69.1		0.6	0.6	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	11.7	70.3		0.6	0.6	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	11.6	69.7		0.6	0.6	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	13.4	99.5		0.3	0.74	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	11.2	119		1.07	1.07	5.33	ug/m3
106-99-0	1,3-Butadiene	10.1	22.3		0.22	0.22	1.11	ug/m3
91-20-3	Naphthalene	13.5	70.8		0.21	0.52	2.62	ug/m3
622-96-8	4-Ethyltoluene	12.1	59.5		0.49	0.49	2.46	ug/m3
110-54-3	Hexane	10.6	37.4		0.14	0.35	1.76	ug/m3
107-05-1	Allyl Chloride	10.7	33.5		0.16	0.31	1.57	ug/m3
123-91-1	1,4-Dioxane	11.1	40.0		0.36	0.36	1.8	ug/m3
80-62-6	Methyl Methacrylate	11.1	45.4		0.41	0.41	2.05	ug/m3
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	9.7			65 - 135		97%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	1526440		6.63				
540-36-3	1,4-Difluorobenzene	5060570		8.31				
3114-55-4	Chlorobenzene-d5	4754030		13.73				

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
D = Dilution

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
Q = indicates LCS control criteria did not meet requirements

CALIBRATION SUMMARY

Method Path : W:\HPCHEM1\MSVOA_L\METHODS\
Method File : VL020414AIR.M
Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Feb 18 07:55:47 2014
Last Update : Tue Feb 18 07:55:47 2014
Response Via : Initial Calibration

Calibration Files
0.03=VL021963.D 0.1 =VL021962.D 0.5 =VL021965.D
1 =VL021964.D 2 =VL021961.D 10 =VL021960.D

		Compound	0.03	0.1	0.5	1	2	10	Avg	%RSD
1)	I	Bromochloromethane	----------	----------	ISTD	----------	----------	----------		
2)	T	Dichlorodifluorom			2.685	2.624	2.542	2.197	2.456	9.22
3)		Chloromethane			0.888	0.856	0.832	0.722	0.807	9.03
4)	T	Vinyl Chloride	1.178	0.886	0.899	0.889	0.897	0.807	0.911	13.59
5)	T	Bromomethane			0.656	0.629	0.600	0.548	0.599	7.53
6)		Chloroethane			0.411	0.398	0.388	0.350	0.382	6.67
7)	T	Dichlorotetrafluo			2.450	2.389	2.277	1.987	2.227	9.36
8)	T	Propene			0.443	0.420	0.542	0.496	0.480	10.05
9)	T	Heptane			1.771	2.051	2.263	2.071	2.051	8.65
10)	T	Trichlorofluorome			2.752	2.699	2.418	2.125	2.455	10.93
11)	T	1,1,2-Trichlorotr			1.760	1.726	1.559	1.365	1.575	10.68
12)		Ethanol			0.089	0.078	0.082	0.066	0.078	11.23
13)	T	Bromoethene			0.653	0.637	0.653	0.601	0.635	3.41
14)	T	Acetone			1.545	1.493	1.428	1.074	1.335	16.14
15)	T	1,3-Butadiene			0.606	0.576	0.616	0.555	0.585	4.32
16)		tert-Butyl alcoho			0.713	0.698	0.744	0.782	0.770	11.05
17)	T	1,1-Dichloroethen			0.931	0.916	0.902	0.813	0.885	5.38
18)	T	Isopropyl Alcohol			0.573	0.547	0.600	0.631	0.605	8.21
19)	T	Methylene Chlorid			1.467	1.132	0.927	0.703	0.994	31.70
20)	T	Allyl Chloride			0.656	0.670	0.713	0.655	0.677	3.65
21)	T	trans-1,2-Dichlor			0.830	0.805	0.926	0.876	0.863	5.41
22)	T	Vinyl Acetate			1.584	1.781	2.179	1.973	1.914	12.24
23)	T	1,1-Dichloroethan			1.828	1.826	1.896	1.699	1.794	4.58
24)	T	Ethyl Acetate			3.147	3.224	3.489	3.077	3.206	5.26
25)	T	Hexane			1.229	1.308	1.492	1.368	1.352	7.12
26)	T	Carbon Disulfide			1.574	1.588	1.594	1.458	1.548	3.70
27)	T	Methyl tert-Butyl			1.655	1.843	2.329	2.251	2.091	15.44
28)	T	Chloroform			2.245	2.207	2.197	1.996	2.139	5.14
29)	T	Cyclohexane			1.109	1.177	1.364	1.340	1.268	9.20
30)	T	cis-1,2-Dichloroe			0.942	1.002	1.264	1.253	1.148	14.13
31)	T	1,1,1-Trichloroet	2.419	1.922	1.894	1.933	2.004	1.856	2.001	9.54
32)	I	1,4-Difluorobenzene	----------	----------	ISTD	----------	----------	----------		
33)	T	2-Butanone			0.492	0.526	0.623	0.557	0.553	8.86
34)	T	Carbon Tetrachlor	0.954	0.738	0.725	0.737	0.724	0.643	0.741	13.53
35)	T	Benzene			0.799	0.862	1.021	0.959	0.919	9.55
36)	T	1,2-Dichloroethan			0.555	0.551	0.562	0.491	0.534	5.84
37)	T	Trichloroethene	0.403	0.334	0.326	0.353	0.400	0.380	0.369	8.59
38)	T	1,2-Dichloropropa			0.335	0.345	0.382	0.348	0.352	5.10
39)	T	1,4-Dioxane			0.054	0.067	0.086	0.089	0.077	20.97
40)	T	Tetrahydrofuran			0.229	0.269	0.353	0.341	0.308	18.09
41)	T	Bromodichlorometh			0.747	0.763	0.805	0.720	0.754	4.32
42)		Methyl Methacryla			0.240	0.291	0.375	0.377	0.333	19.27
43)	T	2,2,4-Trimethylpe			1.280	1.525	1.724	1.517	1.507	10.48
44)	T	t-1,3-Dichloropro			0.285	0.335	0.475	0.503	0.424	25.26
45)	T	cis-1,3-Dichlorop			0.361	0.422	0.578	0.593	0.511	21.89
46)	T	1,1,2-Trichloroet			0.337	0.352	0.374	0.341	0.350	4.12
47)	T	Dibromochlorometh			0.509	0.542	0.590	0.552	0.553	5.56
48)	T	Bromoform			0.405	0.443	0.504	0.511	0.481	11.52
49)	T	4-Methyl-2-Pentan			0.578	0.718	0.855	0.803	0.756	14.77
50)	T	2-Hexanone			0.417	0.565	0.737	0.747	0.648	23.63
51)	T	Tetrachloroethene	0.327	0.272	0.255	0.271	0.321	0.324	0.302	11.67
52)	T	Toluene			0.692	0.861	1.137	1.119	0.990	20.59

Method Path : W:\HPCHEM1\MSVOA_L\METHODS\
Method File : VL020414AIR.M
Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Feb 18 07:55:47 2014
Last Update : Tue Feb 18 07:55:47 2014
Response Via : Initial Calibration

Calibration Files
0.03=VL021963.D 0.1 =VL021962.D 0.5 =VL021965.D
1 =VL021964.D 2 =VL021961.D 10 =VL021960.D

		Compound	0.03	0.1	0.5	1	2	10	Avg	%RSD
53)	T	1,2-Dibromoethane			0.860	0.936	1.043	0.998	0.973	7.77
54)	I	Chlorobenzene-d5	----------ISTD----------							
55)		1,1,1,2-Tetrachlo			0.460	0.469	0.462	0.419	0.441	7.10
56)	T	Chlorobenzene			0.999	0.994	0.988	0.907	0.948	6.85
57)	T	Ethyl Benzene			1.010	1.283	1.586	1.564	1.378	17.31
58)	T	m/p-Xylene			1.002	1.225	1.356	1.287	1.216	10.93
59)	T	o-Xylene			0.854	1.088	1.212	1.178	1.090	12.92
60)	T	Styrene			0.475	0.662	0.890	0.936	0.769	25.43
61)		Isopropylbenzene			1.211	1.417	1.582	1.504	1.426	9.72
62)	T	1,1,2,2-Tetrachlo			1.031	1.047	1.022	0.941	0.984	7.28
63)		n-propylbenzene			0.274	0.342	0.379	0.367	0.343	12.01
64)		tert-Butylbenzene			0.853	1.080	1.251	1.236	1.127	14.88
65)	T	Benzyl Chloride			0.578	0.723	0.907	1.067	0.867	24.68
66)		sec-Butylbenzene			1.309	1.600	1.755	1.659	1.585	10.53
67)	S	1-Bromo-4-Fluorob	0.797	0.805	0.818	0.806	0.768	0.763	0.778	5.53
68)		p-Isopropyltoluen			0.816	1.102	1.305	1.279	1.152	17.73
69)		n-Butylbenzene			0.806	1.083	1.299	1.267	1.140	17.95
70)		2-Chlorotoluene			0.678	0.870	1.098	1.088	0.953	18.73
71)	T	4-Ethyltoluene			0.845	1.109	1.339	1.301	1.167	17.12
72)	T	1,3,5-Trimethylbe			0.949	1.188	1.370	1.309	1.215	13.40
73)	T	1,2,4-Trimethylbe			1.021	1.263	1.380	1.319	1.255	10.97
74)	T	1,3-Dichlorobenze			0.690	0.747	0.776	0.742	0.739	4.20
75)	T	1,4-Dichlorobenze			0.610	0.694	0.743	0.705	0.690	7.06
76)	T	1,2-Dichlorobenze			0.572	0.649	0.687	0.638	0.636	6.51
77)	T	Hexachloro-1,3-Bu			0.252	0.248	0.248	0.212	0.236	7.99
78)	T	Naphthalene			0.381	0.517	0.709	0.735	0.611	25.50
79)	T	Naphthalene,2-met			0.063	0.067	0.085	0.106	0.076	25.50
80)	T	1,2,4-Trichlorobe			0.160	0.183	0.234	0.247	0.215	18.96

(#) = Out of Range ### Number of calibration levels exceeded format ###

Evaluate Continuing Calibration Report

Data Path : W:\HPCHEM1\Msvoa_L\Data\VL020614\
Data File : VL021990.D
Acq On : 6 Feb 2014 13:45
Operator : SY
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
LabSampleId :
VSTDCCC010

Quant Time: Feb 06 14:43:21 2014
Quant Method : W:\HPCHEM1\MSVOA_L\METHOD\VL020414AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Feb 04 17:58:05 2014
QLast Update : Tue Feb 04 17:58:05 2014
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	1.000	1.000	0.0	79	0.02
2	T	Dichlorodifluoromethane	2.456	2.686	-9.4	97	0.01
3		Chloromethane	0.807	0.700	13.3	77	0.01
4	T	Vinyl Chloride	0.911	0.821	9.9	81	0.01
5	T	Bromomethane	0.599	0.616	-2.8	89	0.01
6		Chloroethane	0.382	0.362	5.2	82	0.01
7	T	Dichlorotetrafluoroethane	2.227	2.262	-1.6	90	0.01
8	T	Propene	0.480	0.438	8.7	70	0.02
9	T	Heptane	2.051	2.014	1.8	77	0.02
10	T	Trichlorofluoromethane	2.455	2.554	-4.0	95	0.01
11	T	1,1,2-Trichlorotrifluoroeth	1.575	1.612	-2.3	94	0.02
12		Ethanol	0.078	0.056	28.2	67	0.02
13	T	Bromoethene	0.635	0.671	-5.7	88	0.02
14	T	Acetone	1.335	1.150	13.9	85	0.02
15	T	1,3-Butadiene	0.585	0.541	7.5	77	0.02
16		tert-Butyl alcohol	0.770	0.858	-11.4	87	0.02
17	T	1,1-Dichloroethene	0.885	0.917	-3.6	89	0.02
18	T	Isopropyl Alcohol	0.605	0.572	5.5	72	0.02
19	T	Methylene Chloride	0.994	0.810	18.5	91	0.02
20	T	Allyl Chloride	0.677	0.665	1.8	80	0.02
21	T	trans-1,2-Dichloroethene	0.863	1.002	-16.1	91	0.02
22	T	Vinyl Acetate	1.914	1.817	5.1	73	0.02
23	T	1,1-Dichloroethane	1.794	1.875	-4.5	87	0.02
24	T	Ethyl Acetate	3.206	3.030	5.5	78	0.02
25	T	Hexane	1.352	1.380	-2.1	80	0.02
26	T	Carbon Disulfide	1.548	1.667	-7.7	91	0.02
27	T	Methyl tert-Butyl Ether	2.091	2.497	-19.4	88	0.02
28	T	Chloroform	2.139	2.434	-13.8	97	0.02
29	T	Cyclohexane	1.268	1.502	-18.5	89	0.02
30	T	cis-1,2-Dichloroethene	1.148	1.318	-14.8	83	0.02
31	T	1,1,1-Trichloroethane	2.001	2.406	-20.2	103	0.02
32	I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.02
33	T	2-Butanone	0.553	0.471	14.8	77	0.02
34	T	Carbon Tetrachloride	0.741	0.745	-0.5	105	0.02
35	T	Benzene	0.919	0.918	0.1	87	0.02
36	T	1,2-Dichloroethane	0.534	0.511	4.3	94	0.02
37	T	Trichloroethene	0.369	0.412	-11.7	98	0.02
38	T	1,2-Dichloropropane	0.352	0.321	8.8	83	0.02
39	T	1,4-Dioxane	0.077	0.077	0.0	79	0.03
40	T	Tetrahydrofuran	0.308	0.271	12.0	72	0.02
41	T	Bromodichloromethane	0.754	0.767	-1.7	97	0.02
42		Methyl Methacrylate	0.333	0.352	-5.7	85	0.02
43	T	2,2,4-Trimethylpentane	1.507	1.353	10.2	81	0.03
44	T	t-1,3-Dichloropropene	0.424	0.502	-18.4	91	0.02
45	T	cis-1,3-Dichloropropene	0.511	0.582	-13.9	89	0.02

Evaluate Continuing Calibration Report

Data Path : W:\HPCHEM1\Msvoa_L\Data\VL020614\
Data File : VL021990.D
Acq On : 6 Feb 2014 13:45
Operator : SY
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
LabSampleId :
VSTDCCC010

Quant Time: Feb 06 14:43:21 2014
Quant Method : W:\HPCHEM1\MSVOA_L\METHOD\VL020414AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Feb 04 17:58:05 2014
QLast Update : Tue Feb 04 17:58:05 2014
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	1,1,2-Trichloroethane	0.350	0.363	-3.7	96	0.02
47	T	Dibromochloromethane	0.553	0.636	-15.0	104	0.02
48	T	Bromoform	0.481	0.606	-26.0	108	0.02
49	T	4-Methyl-2-Pentanone	0.756	0.690	8.7	78	0.02
50	T	2-Hexanone	0.648	0.645	0.5	78	0.03
51	T	Tetrachloroethene	0.302	0.360	-19.2	101	0.02
52	T	Toluene	0.990	1.112	-12.3	90	0.03
53	T	1,2-Dibromoethane	0.973	1.082	-11.2	98	0.02
54	I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.03
55		1,1,1,2-Tetrachloroethane	0.441	0.473	-7.3	103	0.03
56	T	Chlorobenzene	0.948	0.958	-1.1	97	0.02
57	T	Ethyl Benzene	1.378	1.561	-13.3	91	0.03
58	T	m/p-Xylene	1.216	1.324	-8.9	94	0.03
59	T	o-Xylene	1.090	1.209	-10.9	94	0.03
60	T	Styrene	0.769	0.963	-25.2	94	0.03
61		Isopropylbenzene	1.426	1.588	-11.4	96	0.03
62	T	1,1,2,2-Tetrachloroethane	0.984	0.987	-0.3	96	0.03
63		n-propylbenzene	0.343	0.396	-15.5	99	0.03
64		tert-Butylbenzene	1.127	1.350	-19.8	100	0.03
65	T	Benzyl Chloride	0.867	1.211	-39.7#	104	0.03
66		sec-Butylbenzene	1.585	1.787	-12.7	98	0.03
67	S	1-Bromo-4-Fluorobenzene	0.778	0.763	1.9	91	0.03
68		p-Isopropyltoluene	1.152	1.381	-19.9	99	0.03
69		n-Butylbenzene	1.140	1.331	-16.8	96	0.03
70		2-Chlorotoluene	0.953	1.117	-17.2	94	0.03
71	T	4-Ethyltoluene	1.167	1.369	-17.3	96	0.03
72	T	1,3,5-Trimethylbenzene	1.215	1.393	-14.7	97	0.03
73	T	1,2,4-Trimethylbenzene	1.255	1.407	-12.1	97	0.03
74	T	1,3-Dichlorobenzene	0.739	0.849	-14.9	105	0.03
75	T	1,4-Dichlorobenzene	0.690	0.799	-15.8	104	0.03
76	T	1,2-Dichlorobenzene	0.636	0.718	-12.9	103	0.03
77	T	Hexachloro-1,3-Butadiene	0.236	0.218	7.6	94	0.02
78	T	Naphthalene	0.611	0.705	-15.4	88	0.02
79	T	Naphthalene,2-methyl-	0.076	0.041#	46.1#	35	0.04
80	T	1,2,4-Trichlorobenzene	0.215	0.243	-13.0	90	0.02

(#) = Out of Range SPCC's out = 0 CCC's out = 0

SHIPPING DOCUMENTS

CHEMTECH

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 89

CHEMTECH Project No. : F1310

Client Contact Information	Bottle Order ID : **B1401019**	Courier :	1 of 4 COCs
Client ID : **JRHO01** Project ID : **YUNAJ 14-01**		Sampler Name(s) : PHIL HOFFKEN	Analysis / Matrix
Customer Name : **J.R.Holzmacher P.E., LLC**	Project Manager **Jim demartinis**	AIR ANALYSIS CHAIN-OF-CUSTODY	
	Phone Number : **631-234-2220**		
Address : **3555 Veterans Memorial Highway Suite A**	Fax Number : **6312342221**		
	Site Details: 102-14/16 LIBERTY AVE OER SUB SLAB - BASEMENT	Batch Certified	
City : **Ronkonkoma**			
State : **NY**	Analysis Turnaround Time		
Zip Code : **11779**	Standard : **15 business days** OR	Data Package Type : CATEGORY B	
Country : USA	Rush (Specify): _____ **Days**	EDD Type :	

Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID	Can Size (L)	Flow Controller Readout	Can Cert ID	TO-15				Indoor/Ambinet Air	Soil Gas		
VP-1	1/30/14	0826	1026	-30	-1	16°	29	-30	-1.8	10185	10445	6 L	25	VL021505.D	X					X		

	Temperature (Fahrenheit)			
	Ambient	Maximum	Minimum	
Start				
Stop				

GC/MS Analyst Signature (TO-15)

	Pressure (Inches of Hg)			
	Ambient	Maximum	Minimum	
Start				
Stop				

** Submittal of this COC indicates approval of the analysis based on existing conditio

Please follow the instructions on the back of this CO

Special Instructions/QC Requirements & Comments :

Suspected Contamination: High Medium Low PID Readings: 0.0ppm

Sampling site (State): NY

Quick Connector required : NO

Canisters Shiped by:	Date/Time: 1/7/14	Canisters Received by:	Date/Time: 1/10/14 1300
Samples Relinquished by:	Date/Time: 1/30/14 1400	Received by:	Date/Time:
Relinquished by: FEDEX	Date/Time: 1-31-14 955	Received by:	Date/Time: 1-31-14 955

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CHEMTECH

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 89

CHEMTECH Project No. : F1310

Client Contact Information	Bottle Order ID : **B1401019**	Courier :	2 of 4 COCs
Client ID : **JRHO01** Project ID : **YUNAJ 14-01**		Sampler Name(s) : PHIL HOPPKEN	Analysis / Matrix
Customer Name : **J.R.Holzmacher P.E., LLC**	Project Manager **Jim demartinis**	AIR ANALYSIS CHAIN-OF-CUSTODY	
	Phone Number : **631-234-2220**		
Address : **3555 Veterans Memorial Highway Suite A**	Fax Number : **6312342221**		
	Site Details: 102-14/16 LIBERTY AVE OER SUB-SLAB - REAR LOT 4	Batch Certified	
City : **Ronkonkoma**			
State : **NY**	Analysis Turnaround Time		
Zip Code : **11779**	Standard : **15 business days** **OR**	Data Package Type : CATEGORY B	
Country : USA	Rush (Specify): _____ **Days**	EDD Type :	

Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID	Can Size (L)	Flow Controller Readout	Can Cert ID	TO-15				Indoor/Ambinet Air	Soil Gas		
VP-2	1/30/14	0817	1217	-30	-4	17°	29	-30	-28	10571	10598	6 L	25	VL021505.D	X					X		

	Ambient	Maximum	Minimum	
Temperature (Fahrenheit)				
Start				
Stop				
Pressure (Inches of Hg)				
Start				
Stop				

GC/MS Analyst Signature (TO-15)

** Submittal of this COC indicates approval of the analysis based on existing conditio

Please follow the instructions on the back of this CO

Special Instructions/QC Requirements & Comments :

Suspected Contamination: High Medium Low PID Readings: 0.0ppm

Sampling site (State): NY

Quick Connector required : NO

Canisters Shiped by:	Date/Time: 1/7/14	Canisters Received by:	Date/Time: 1/10/14 1200
Samples Relinquished by:	Date/Time: 1/30/14 1400	Received by:	Date/Time:
Relinquished by: FEDEX	Date/Time: 1-31-14 955	Received by:	Date/Time: 1-31-14 955

B1401019 - 5

CHEMTECH

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 89

CHEMTECH Project No. : F1310

Client Contact Information	Bottle Order ID : **B1401019**	Courier :	3 of 4 COCs
Client ID : **JRHO01** Project ID : **YUNAJ 14-01**		Sampler Name(s) : PHIL HOFFLER	Analysis / Matrix
Customer Name : **J.R.Holzmacher P.E., LLC**	Project Manager **Jim demartinis**	AIR ANALYSIS CHAIN-OF-CUSTODY	
Address : **3555 Veterans Memorial Highway Suite A**	Phone Number : **631-234-2220**		
	Fax Number : **6312342221**		
	Site Details: 102-14/16 LIBERTY AVE OER SUB SLAB MIDDLE of LOTS	Batch Certified	
City : **Ronkonkoma**			
State : **NY**	Analysis Turnaround Time		
Zip Code : **11779**	Standard : **15 business days** OR	Data Package Type : CATEGORY B	
Country : USA	Rush (Specify): _____ **Days**	EDD Type :	

Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID	Can Size (L)	Flow Controller Readout	Can Cert ID	TO-15				Indoor/Ambinet Air	Soil Gas		
VP-3	1/30/14	820	1120	-30	-4	17	29	-30	-2.2	10562	10281	6 L	25	VL021505.D	X					X		

Temperature (Fahrenheit)	Ambient	Maximum	Minimum	
Start				
Stop				

Pressure (Inches of Hg)	Ambient	Maximum	Minimum	
Start				
Stop				

GC/MS Analyst Signature (TO-15): Synd

** Submittal of this COC indicates approval of the analysis based on existing conditio

Please follow the instructions on the back of this CO

Special Instructions/QC Requirements & Comments :

Suspected Contamination: High Medium Low PID Readings: 0.0 ppm

Sampling site (State): NY

Quick Connector required : NO

Canisters Shiped by:	Date/Time: 1/7/14	Canisters Received by:	Date/Time: 1/10/14 1300
Samples Relinquished by:	Date/Time: 1/30/14 1400	Received by:	Date/Time:
Relinquished by: FEDEX	Date/Time: 1-31-14 955	Received by:	Date/Time: 1-31-14 955

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CHEMTECH

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 89

CHEMTECH Project No. : F1310

Client Contact Information	Bottle Order ID : **B1401019**	Courier :	4 of 4 COCs
Client ID : **JRHO01** Project ID : **YUNAJ 14-01**		Sampler Name(s) : PHIL HOFFKEN	Analysis / Matrix
Customer Name : **J.R.Holzmacher P.E., LLC**	Project Manager **Jim demartinis**	AIR ANALYSIS CHAIN-OF-CUSTODY	
	Phone Number : **631-234-2220**		
Address : **3555 Veterans Memorial Highway Suite A**	Fax Number : **6312342221**		
	Site Details: 102-14/16 LIBERTY AVE OVER 2ND FLOR, REAR OR LOT 5	Batch Certified	
City : **Ronkonkoma**			
State : **NY**	Analysis Turnaround Time		
Zip Code : **11779**	Standard : **15 business days** **OR**	Data Package Type : CATEGORY B	
Country : USA	Rush (Specify): _____ **Days**	EDD Type :	

Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID	Can Size (L)	Flow Controller Readout	Can Cert ID	TO-15				Indoor/Ambient Air	Soil Gas		
VP-4	1/30/14	0820	1148	-24	0	17	24	-30	-1.0	10225	10297	6 L	25	VL021505.D	X					X		

Temperature (Fahrenheit)	Ambient	Maximum	Minimum	
Start				
Stop				

Pressure (Inches of Hg)	Ambient	Maximum	Minimum	
Start				
Stop				

GC/MS Analyst Signature (TO-15) Signed

** Submittal of this COC indicates approval of the analysis based on existing conditio

Please follow the instructions on the back of this CO

Special Instructions/QC Requirements & Comments :

Suspected Contamination: High Medium Low PID Readings: 0.0 ppm

Sampling site (State): NY

Quick Connector required : NO

Canisters Shiped by:	Date/Time: 1/7/14	Canisters Received by:	Date/Time: 1/10/14 1800
Samples Relinquished by:	Date/Time: 1/30/14 1400	Received by:	Date/Time:
Relinquished by: FEDEX	Date/Time: 1-31-14 955	Received by:	Date/Time: 1-31-14 955

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CHEMTECH 284 Sheffield Street Mountainside NJ 07092 Tel. 908-7898900

Laboratory Certification

State	License No.
New Jersey	20012
New York	11376
Connecticut	PH-0649
Florida	E87935
Louisiana	5035
Maryland	296
Massachusetts	M-NJ503
Pennsylvania	68-548
Rhode Island	LAO00259
Virginia	460220
Texas	T10470448-10-1

Other :

DOD ELAP Certified (L-A-B Accredited), ISO/IEC 17025	L2219
Soil Permit	P330-11-00012
CLP Inorganic Contract	EPW09038
CLP Organic Contract	EPW11030

QA Control Code: A2070148

DEP-077
Rev. 3/04

New Jersey Department of Environmental Protection

Internal Chain of Custody

Instructions: Use 1 form for each 20 samples of aliquot

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample

Laboratory: Chemtech
~~COREY~~
Field Sample Seal No.: F1310
Case No.: YUNAJ 14-01

Location: 284 Sheffield Street, Mountainside, NJ 7092
Title: Sample Custodian
Date Broken: 1/31/2014
Military Time Seal Broken: 09:55:00
Analytical Parameter/Fraction: TO-15

Sample No.	Aliquot/Extract No.	Sample No.	Aliquot/Extract No.
F1310-01	VP-1		
F1310-02	VP-2		
F1310-03	VP-3		
F1310-04	VP-4		

Date	Time	Relinquished By	Received By	Purpose of Change of Custody
1/31	14:15	Signature: Corey Petitt Printed Name: Corey Petitt	Signature: [illegible] Printed Name: [illegible]	Tcve [illegible]
		Signature Printed Name	Signature Printed Name	
		Signature Printed Name	Signature Printed Name	
		Signature Printed Name	Signature Printed Name	
		Signature Printed Name	Signature Printed Name	
		Signature Printed Name	Signature Printed Name	
		Signature Printed Name	Signature Printed Name	

Distribution: White - Original (Sent With Report) Yellow - Contractor Archive Pink - Sample Custodian - Interim Copy

Appendix E

Report Photos

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Photo 8 – Collecting soil vapor from VP-1.

Photo 9 – Installing monitoring well MW-2.

Photo 10 – Completing the installation of monitoring well MW-3.

APPENDIX B:
REMEDIAL ACTION WORK PLAN

102-14 / 102-16 LIBERTY AVENUE

QUEENS, NEW YORK

Remedial Action Work Plan

OER Project Number 14EH-N350Q
VCP Project Number: 14CVCP234Q

Prepared for:

Joseph Yunason
Liberty Square in Ozone Park, LLC
70-13 Austin Street 3F, Forest Hills, NY
joseph.yunason@gmail.com

Prepared by:

JR Holzmacher P.E., LLC
3555 Veterans Memorial Highway, Suite A, Ronkonkoma 11779-7636
phil@holzmacher.com
631-234-2220

March/2014

REMEDIAL ACTION WORK PLAN

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LIST OF ACRONYMS

Acronym	Definition
AOC	Area of Concern
AS/SVE	Air Sparging/Soil Vapor Extraction
BOA	Brownfield Opportunity Area
CAMP	Community Air Monitoring Plan
C/D	Construction/Demolition
COC	Certificate of Completion
CQAP	Construction Quality Assurance Plan
CSOP	Contractors Site Operation Plan
DCR	Declaration of Covenants and Restrictions
ECs/ICs	Engineering and Institutional Controls
HASP	Health and Safety Plan
IRM	Interim Remedial Measure
BCA	Brownfield Cleanup Agreement
MNA	Monitored Natural Attenuation
NOC	Notice of Completion
NYC BCP	New York City Brownfield Cleanup Program
NYC DEP	New York City Department of Environmental Protection
NYC DOHMH	New York State Department of Health and Mental Hygiene
NYCRR	New York Codes Rules and Regulations
NYC OER	New York City Office of Environmental Remediation
NYS DEC	New York State Department of Environmental Conservation
NYS DEC DER	New York State Department of Environmental Conservation Division of Environmental Remediation
NYS DOH	New York State Department of Health
NYS DOT	New York State Department of Transportation
ORC	Oxygen-Release Compound
OSHA	United States Occupational Health and Safety Administration

Acronym	Definition
PE	Professional Engineer
PID	Photo Ionization Detector
QEP	Qualified Environmental Professional
QHHEA	Qualitative Human Health Exposure Assessment
RAOs	Remedial Action Objectives
RAR	Remedial Action Report
RAWP	Remedial Action Work Plan or Plan
RCA	Recycled Concrete Aggregate
RD	Remedial Design
RI	Remedial Investigation
RMZ	Residual Management Zone
SCOs	Soil Cleanup Objectives
SCG	Standards, Criteria and Guidance
SMP	Site Management Plan
SPDES	State Pollutant Discharge Elimination System
SVOC	Semi-Volatile Organic Compound
USGS	United States Geological Survey
UST	Underground Storage Tank
VOC	Volatile Organic Compound

CERTIFICATION

I, James R Holzmacher P.E., am a Professional Engineer licensed in the State of New York. I have primary direct responsibility for implementation of the remedial action for the Liberty Avenue Site OER Project # 14EH-N350Q.

I, James M DeMartinis am a Qualified Environmental Professional as defined in §43-140. I have primary direct responsibility for implementation of the remedial action for the Liberty Avenue Site OER Project # 14EH-N350Q

I certify that this Remedial Action Work Plan (RAWP) has a plan for handling, transport and disposal of soil, fill, fluids and other materials removed from the property in accordance with applicable City, State and Federal laws and regulations. Importation of all soil, fill and other material from off-Site will be in accordance with all applicable City, State and Federal laws and requirements. This RAWP has provisions to control nuisances during the remediation and all invasive work, including dust and odor suppression.

James R Holzmacher P.E.
Name

66054
NYS PE License Number

Signature

3/18/2014
Date

James M. DeMartinisP.G.
QEP Name

QEP Signature

3/18/2014
Date

EXECUTIVE SUMMARY

Liberty Square in Ozone Park LLC, has enrolled in the New York City Voluntary Cleanup Program (NYC VCP) and investigated to remediate a 0.22-acre site located at 102-14 and 102-16 Liberty Avenue in Ozone Park section of Queens, New York. A remedial investigation (RI) was performed to compile and evaluate data and information necessary to develop this Remedial Action Work Plan (RAWP). The remedial action described in this document provides for the protection of public health and the environment consistent with the intended property use, complies with applicable environmental standards, criteria and guidance and conforms with applicable laws and regulations.

Site Location and Current Usage

The Site is located at 102-14 and 102-16 Liberty Avenue in the Ozone Park section of Queens, New York and is identified as Block 9523 and Lots 4 & 5 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 9,693-square feet and is bounded by Liberty Avenue and an elevated subway, with a vacant building located at 77-15 Liberty Avenue to the north, residential buildings to the south, 103rd Street, with a mixed commercial-residential use building located at 103-02 Liberty Avenue to the east, and a residential building to the west. A map of the site boundary is shown in Figure 2. Currently, the Site is a vacant lot surrounded by a chain link fence, with an entrance on Liberty Avenue; and a ten inch high by two feet wide concrete wall on the eastern, southern, and western boundaries of the property. The only other features at the site are a sewer clean-out located in the northwestern corner of the site, and a drain, which leads off the property, located about four feet to the southeast of the sewer clean-out. Both of these structures are located on Lot 4 of the property.

Summary of Proposed Redevelopment Plan

The proposed future use of the Site will consist of two 1-story retail buildings, totaling 9,690 square feet (sf) with a common 1,500 sf partial cellar for use as a meter room. Lot 4 is approximately 4,155 sf and Lot 5 is approximately 5,538 sf. The proposed building on Lot 4 will consist of two commercial retail stores consisting of approximately 2,077 sf. The proposed building on Lot 5 will consist of four commercial retail stores consisting of approximately 1,375

sf each. The building will be constructed together and encompass the entire footprint of the site, while abutting each other along the Lot line. Layout of the proposed site development is presented in Figure 3. The current zoning designation is R4 - General Residence District, with commercial overlay C2-2 - Local Service District. The proposed use is consistent with existing zoning for the property.

To construct the partial cellar, approximately 600 cubic yards (cy) of soil will be excavated. Of the 600 cy of soil that will be excavated, approximately 556 cy of soil will be excavated from the proposed cellar area. Groundwater is not anticipated to be encountered during excavation at the site since the maximum depth of cellar footings is 14 feet below grade (ft bg), and groundwater is around 25 ft bg. Other excavations to occur on site will be for foundation footings.

The remedial action contemplated under this RAWP may be implemented independently of the proposed redevelopment plan.

Summary of the Remedy

The proposed remedial action achieves protection of public health and the environment for the intended use of the property. The proposed remedial action achieves all of the remedial action objectives established for the project and addresses applicable standards, criterion, and guidance; is effective in both the short-term and long-term and reduces mobility, toxicity and volume of contaminants; is cost effective and implementable; and uses standards methods that are well established in the industry.

The proposed remedial action will consist of:

1. Preparation of a Community Protection Statement and performance of all required NYC VCP Citizen Participation activities according to an approved Citizen Participation Plan.
2. Performance of a Community Air Monitoring Program for particulates and volatile organic carbon compounds.
3. Establish Track 1 Unrestricted Soil Cleanup Objectives (SCOs).

4. Site mobilization involving Site security setup, equipment mobilization, utility mark outs and marking & staking excavation areas.

5. Excavation and removal of soil/fill exceeding Unrestricted Use SCOs. The entire property will be excavated to depths of four feet below grade for slab on grade construction. A small portion of property will be excavated to the depths of 11 feet below grade for cellar construction. Approximately 600 cubic yards of soil will be excavated and removed from property.

6. Screening of excavated soil/fill during intrusive work for indications of contamination by visual means, odor, and monitoring with a PID. Appropriate segregation of excavated media on-Site.
7. Removal of underground storage tanks (if encountered) and closure of petroleum spills (if evidence of a spill/leak is encountered during Site excavation) in compliance with applicable local, State and Federal laws and regulations.

8. Transportation and off-Site disposal of all soil/fill material at permitted facilities in accordance with applicable laws and regulations for handling, transport, and disposal, and this plan. Sampling and analysis of excavated media as required by disposal facilities. Appropriate segregation of excavated media on-Site.

9. Collection and analysis of three end-point (confirmation) samples to determine the performance of the remedy with respect to attainment of SCOs.

10. Implementation of storm-water pollution prevention measures in compliance with applicable laws and regulations.

11. Performance of all activities required for the remedial action, including permitting requirements and pretreatment requirements, in compliance with applicable laws and regulations.

12. Submission of a RAR that describes the remedial activities, certifies that the remedial requirements have been achieved, defines the Site boundaries, lists any changes from this RAWP, and if Track 1 SCOs are not achieved, describes all Engineering and Institutional Controls to be implemented at the Site.

If Track 1 is not acheived, the following construction elements will be implemented as Engineering and Institutional Controls:

13. As part of development, installation of a vapor barrier beneath the building slabs and behind the foundation walls of the proposed building. 20-mil VaporBlock Plus vapor barrier membrane by Raven will be installed beneath the footing slab. The vapor barrier will be extended up to grade level by attaching it to the exterior sides of foundation walls using 20-mil VaporBlock Plus vapor barrier membrane.

14. As part of development, construction and maintenance of an engineered composite cover consisting of concrete slab across the footprint of the new building installed;

15. Submission of an approved Site Management Plan (SMP) in the RAR for long-term management of residual contamination, including plans for operation, maintenance, monitoring, inspection and certification of Engineering and Institutional Controls and reporting at a specified frequency, and

16. The property will continue to be registered with an E-Designation at the NYC Buildings Department. Establishment of Engineering Controls and Institutional Controls; and a requirement that management of these controls must be in compliance with an approved SMP. Institutional Controls will include prohibition of the following: (1) vegetable gardening and farming; (2) use of groundwater without treatment rendering it safe for the intended use; (3) disturbance of residual contaminated material unless it is conducted in accordance with the SMP; and (4) higher level of land usage without OER-approval.

COMMUNITY PROTECTION STATEMENT

The Office of Environmental Remediation created the New York City Voluntary Cleanup Program (NYC VCP) to provide governmental oversight for the cleanup of contaminated property in NYC. This Remedial Action Work Plan ("cleanup plan") describes the findings of prior environmental studies that show the location of contamination at the site, and describes the plans to clean up the site to protect public health and the environment.

This cleanup plan provides a very high level of protection for neighboring communities and also includes many other elements that address common community concerns, such as community air monitoring, odor, dust and noise controls, hours of operation, good housekeeping and cleanliness, truck management and routing, and opportunities for community participation. The purpose of this Community Protection Statement is to explain these community protection measures in non-technical language to simplify community review.

Remedial Investigation and Cleanup Plan. Under the NYC VCP, a thorough cleanup study of this property (called a remedial investigation) has been performed to identify past property usage, to sample and test soils, groundwater and soil vapor, and identify contaminant sources present on the property. The cleanup plan has been designed to address all contaminant sources that have been identified during the study of this property.

Identification of Sensitive Land Uses. Prior to selecting a cleanup, the neighborhood was evaluated to identify sensitive land uses nearby, such as schools, day care facilities, hospitals and residential areas. The cleanup program was then tailored to address the special conditions of this community.

Qualitative Human Health Exposure Assessment. An important part of the cleanup planning for the Site is the performance of a study to find all of the ways that people might come in contact with contaminants at the Site now or in the future. This study is called a Qualitative Human Health Exposure Assessment (QHHEA). A QHHEA was performed for this project. This assessment has considered all known contamination at the Site and evaluated the potential for people to come in contact with this contamination. All identified public exposures will be addressed under this cleanup plan.

Health and Safety Plan. This cleanup plan includes a Construction Health and Safety Plan (CHASP) that is designed to protect community residents and on-Site workers. The elements of this plan are in compliance with safety requirements of the United States Occupational Safety and Health Administration (OSHA). This plan includes many protective elements including those discussed below.

Site Safety Coordinator. This project has a designated Site safety coordinator to implement the Health and Safety Plan. The safety coordinator maintains an emergency contact sheet and protocol for management of emergencies. The Site safety coordinator is Philip Hoffken Jr. and can be reached at 631-234-2220.

Worker Training. Workers participating in cleanup of contaminated material on this project are required to be trained in a 40-hour hazardous waste operators training course and to take annual refresher training. This pertains to workers performing specific tasks including removing contaminated material and installing cleanup systems in contaminated areas.

Community Air Monitoring Plan. Community air monitoring will be performed during this cleanup project to ensure that the community is properly protected from contaminants, dust and odors. Air samples will be tested in accordance with a detailed plan called the Community Air Monitoring Plan or CAMP. Results will be regularly reported to the NYC Office of Environmental Remediation. This cleanup plan also has a plan to address any unforeseen problems that might occur during the cleanup (called a 'Contingency Plan').

Odor, Dust and Noise Control. This cleanup plan includes actions for odor and dust control. These actions are designed to prevent off-Site odor and dust nuisances and includes steps to be taken if nuisances are detected. Generally, dust is managed by application of physical covers and by water sprays. Odors are controlled by limiting the area of open excavations, physical covers, spray foams and by a series of other actions (called operational measures). The project is also required to comply with NYC noise control standards. If you observe problems in these areas, please contact the onsite Project Manager Philip Hoffken Jr. at 631-234-2220 or NYC Office of Environmental Remediation Project Manager Samantha Morris at (212) 341-2082.

Quality Assurance. This cleanup plan requires that evidence be provided to illustrate that all cleanup work required under the plan has been completed properly. This evidence will be summarized in the final report, called the Remedial Action Report. This report will be submitted to the NYC Office of Environmental Remediation and will be thoroughly reviewed.

Storm-Water Management. To limit the potential for soil erosion and discharge, this cleanup plan has provisions for storm-water management. The main elements of the storm water management include physical barriers such as tarp covers and erosion fencing, and a program for frequent inspection.

Hours of Operation. The hours for operation of cleanup will comply with the NYC Department of Buildings construction code requirements or according to specific variances issued by that agency. For this cleanup project, the hours of operation are 7:00am to 5:00pm, Monday thru Friday.

Signage. While the cleanup is in progress, a placard will be prominently posted at the main entrance of the property with a laminated project Fact Sheet that states that the project is in the NYC Voluntary Cleanup Program, provides project contact names and numbers, and locations of project documents can be viewed.

Complaint Management. The contractor performing this cleanup is required to address all complaints. If you have any complaints, you can call the facility Project Manager Philip Hoffken Jr. at 631-234-2220, the NYC Office of Environmental Remediation Project Manager Samantha Morris at (212) 341-2082, or call 311 and mention the Site is in the NYC Voluntary Cleanup Program.

Utility Mark-outs. To promote safety during excavation in this cleanup, the contractor is required to first identify all utilities and must perform all excavation and construction work in compliance with NYC Department of Buildings regulations.

Soil and Liquid Disposal. All soil and liquid material removed from the Site as part of the cleanup will be transported and disposed of in accordance with all applicable City, State and Federal regulations and required permits will be obtained.

Soil Chemical Testing and Screening. All excavations will be supervised by a trained and properly qualified environmental professional. In addition to extensive sampling and chemical testing of soils on the Site, excavated soil will be screened continuously using hand-held instruments, by sight, and by smell to ensure proper material handling and management, and community protection.

Stockpile Management. Soil stockpiles will be kept covered with tarps to prevent dust, odors and erosion. Stockpiles will be frequently inspected. Damaged tarp covers will be promptly replaced. Stockpiles will be protected with silt fences. Hay bales will be used, as needed to protect storm water catch basins and other discharge points.

Trucks and Covers. Loaded trucks leaving the Site will be covered in compliance with applicable laws and regulations to prevent dust and odor. Trucks will be properly recorded in logs and records and placarded in compliance with applicable City, State and Federal laws, including those of the New York State Department of Transportation. If loads contain wet material that can leak, truck liners will be used. All transport of materials will be performed by licensed truckers and in compliance with all laws and regulations.

Imported Material. All fill materials proposed to be brought onto the Site will comply with rules outlined in this cleanup plan and will be inspected and approved by a qualified worker located on-Site. Waste materials will not be brought onto the Site. Trucks entering the Site with imported clean materials will be covered in compliance with applicable laws and regulations.

Equipment Decontamination. All equipment used for cleanup work will be inspected and washed, if needed, before it leaves the Site. Trucks will be cleaned at a truck inspection station on the property before leaving the Site.

Housekeeping. Locations where trucks enter or leave the Site will be inspected every day and cleaned regularly to ensure that they are free of dirt and other materials from the Site.

Truck Routing. Truck routes have been selected to: (a) limit transport through residential areas and past sensitive nearby properties; (b) maximize use of city-mapped truck routes; (c) limit total distance to major highways; (d) promote safety in entry to highways; (e) promote overall safety in trucking; and (f) minimize off-Site line-ups (queuing) of trucks entering the

property. Operators of loaded trucks leaving the Site will be instructed not to stop or idle in the local neighborhood.

Final Report. The results of all cleanup work will be fully documented in a final report (called a Remedial Action Report) that will be available for you to review in the public document repositories located at Ozone Park Library.

Long-Term Site Management. If long-term protection after the cleanup is needed, the property owner will be required to comply with an ongoing Site Management Plan that calls for continued inspection of protective controls, such as Site covers. The Site Management Plan is evaluated and approved by the NYC Office of Environmental Remediation. Requirements that the property owner must comply with are defined in the property's deed or established through a city environmental designation. A certification of continued protectiveness of the cleanup will be required from time to time to show that the approved cleanup is still effective.

REMEDIAL ACTION WORK PLAN

1.0 SITE BACKGROUND

Liberty Square in Ozone Park, LLC has enrolled in the New York City Voluntary Cleanup Program (NYC VCP) and investigated to remediate a property located at 102-14 and 102-16 Liberty Avenue in the Ozone Park section in Queens, New York (the "Site"). A Remedial Investigation (RI) was performed to compile and evaluate data and information necessary to develop this Remedial Action Work Plan (RAWP) in a manner that will render the Site protective of public health and the environment consistent with the contemplated end use. This RAWP establishes remedial action objectives, provides remedial alternatives analysis that includes consideration of a permanent cleanup, and provides a description of the selected remedial action. The remedial action described in this document provides for the protection of public health and the environment, complies with applicable environmental standards, criteria and guidance and applicable laws and regulations.

1.1 SITE LOCATION AND CURRENT USAGE

The Site is located at 102-14 and 102-16 Liberty Avenue in the Ozone Park section of Queens, New York and is identified as Block 9523 and Lots 4 & 5 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 9,693-square feet and is bounded by Liberty Avenue and an elevated subway, with a vacant building located at 77-15 Liberty Avenue to the north, residential buildings to the south, 103rd Street, with a mixed commercial-residential use building located at 103-02 Liberty Avenue to the east, and a residential building to the west. A map of the site boundary is shown in Figure 2. Currently, the Site is a vacant lot surrounded by a chain link fence, with an entrance on Liberty Avenue; and a ten inch high by two feet wide concrete wall on the eastern, southern, and western boundaries of the property. The only other features at the site are a sewer clean-out located in the northwestern corner of the site, and a drain, which leads off the property, located about four feet to the southeast of the sewer clean-out. Both of these structures are located on Lot 4 of the property.

1.2 PROPOSED REDEVELOPMENT PLAN

The proposed future use of the Site will consist of two 1-story retail buildings, totaling 9,690 square feet (sf) with a common 1,500 sf partial cellar for use as a meter room. Lot 4 is approximately 4,155 sf and Lot 5 is approximately 5,538 sf. The proposed building on Lot 4 will consist of two commercial retail stores consisting of approximately 2,077 sf. The proposed building on Lot 5 will consist of four commercial retail stores consisting of approximately 1,375 sf each. The building will be constructed together and encompass the entire footprint of the site, while abutting each other along the Lot line. Layout of the proposed site development is presented in Figure 3. The current zoning designation is R4 - General Residence District, with commercial overlay C2-2 - Local Service District. The proposed use is consistent with existing zoning for the property.

To construct the partial cellar, approximately 600 cubic yards (cy) of soil will be excavated. Of the 600 cy of soil that will be excavated, approximately 556 cy of soil will be excavated from the proposed cellar area. Groundwater is not anticipated to be encountered during excavation at the site since the maximum depth of cellar footings is 14 feet below grade (ft bg), and groundwater is around 25 ft bg. Other excavations to occur on site will be for foundation footings.

The remedial action contemplated under this RAWP may be implemented independently of the proposed redevelopment plan.

1.3 DESCRIPTION OF SURROUNDING PROPERTY

Directly north of the subject property across Liberty Avenue is 77-15 Liberty Avenue, Flatlands Avenue, a 3-story multi-family walk up apartment building, with a vacant commercial office on the 1st floor; to the west, adjacent to the property is 102-08 Liberty Avenue, a 3 story residential house; to the south, adjacent to the property is 104-14 104th Street, a 3 story residential house; and to the east, beyond 103rd Street is 103-02 Liberty Avenue, a 3-story multi-family walk up apartment building with a convenience store on the first floor.

To the northwest on Liberty Avenue within 0.03 miles from 102-14 Liberty Avenue is Police Officer Nicholas Demutiis Park. To the southwest on Rockaway Boulevard within 0.05 miles

from 102-14 Liberty Avenue is the Calvary Assembly of God. To the south, on Rockaway Boulevard within 0.11 miles from 102-14 is the John Adams High School.

Figure 2 shows the surrounding land usage.

1.4 REMEDIAL INVESTIGATION

A remedial investigation was performed and the results are documented in a companion document called "*Remedial Investigation Report, Liberty Avenue*", dated February 2014 (RIR).

Summary of Past Uses of Site and Potential Areas of Concern

Using the Historical Sanborn Map report the property history is:

1901-1988 Vacant lot.
1990-2006 Used auto sales

EDR Directory Abstract - There is one listing for the property:

1991 – Anthony's Auto Sales Residential & commercial.

Mr. Philip Hoffken Jr. and Ms. Heather Sonnenberg of JRH were on-site three times to conduct activities associated with the RIR. There was no evidence of surficial contamination or activities that would cause such - consistent with the Phase I ESA.

Summary of the Work Performed under the Remedial Investigation

Liberty Square in Ozone Park, LLC performed the following scope of work:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Drilled seven soil borings across the entire project Site, and collected fourteen soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed three groundwater monitoring wells throughout the Site to establish groundwater flow and collected three groundwater samples for chemical analysis to evaluate groundwater quality;

4. Installed four soil vapor probes around Site perimeter and collected four samples for chemical analysis.

5. Investigated a possible drywell located in the northwest corner of the property.

Summary of Environmental Findings

1. Elevation of the property ranges from 32 to 37 feet.

2. Depth to groundwater ranges from 25 to 27 feet at the Site.

3. Groundwater flow is generally from west-southwest to east-northeast beneath the Site.

4. Depth to bedrock is approximately 500 feet at the Site.

5. The stratigraphy of the site, from the surface down, consists of one to three feet of a silty clay with fine sand underlain by native mostly fine grained to coarse grained sand.

6. Soil samples collected during remedial investigation were compared to the 6NYCRR Part 375-6.8 Track 1 (Unrestricted Use SCOs) and Track 2 (Commercial SCOs). Soil/fill samples indicated no VOCs, SVOCs, pesticides or PCBs detected above Track 1 Unrestricted Use SCOs. Three metals including lead (max. of 194 ppm), mercury (at 0.21 ppm), and zinc (at 144 ppm) exceeded Unrestricted Use SCOs in two shallow soil samples. No metals exceeded Track 2 Restricted Commercial Use SCOs. Overall, soil chemistry is unremarkable and does not indicate any disposal.

7. Groundwater samples collected during the RI indicated no VOCs, SVOCs, or PCBs present in the groundwater at concentrations exceeding the NYSDEC 6 NYCRR Part 703.5 Groundwater Quality Standards (GQS). Trace concentrations of VOCs (including acetone, chloroform and methylene chloride), well below their respective GQS were detected in groundwater samples. Dieldrin was detected just above the GQS in one monitoring wells sample (laboratory estimated concentration of 0.013 ug/l). Several metals were identified in groundwater, but only dissolved manganese and sodium exceeded their respective GQS.

8. Soil vapor samples collected during the RI detected petroleum related and chlorinated VOCs at low concentrations. Concentrations of petroleum-related VOCs (BTEX) ranged

from 40 μg/m^3 to 216 μg/m^3. Overall the highest reported concentrations were for acetone (maximum of 205 μg/m^3). Tetrachloroethylene (PCE) was identified in all four soil vapor samples at a maximum concentration of 35 μg/m^3. Trichloroethylene (TCE), TCA and carbon tetrachloride were not detected in soil vapor. The PCE concentrations are well below

For more detailed results, consult the RIR. Based on an evaluation of the data and information from the RIR and this RAWP, disposal of significant amounts of hazardous waste is not suspected at this site.

2.0 REMEDIAL ACTION OBJECTIVES

Based on the results of the RI, the following Remedial Action Objectives (RAOs) have been identified for this Site:

Groundwater

- Prevent direct contact to groundwater.

Soil

- Prevent direct contact with contaminated soil.
- Prevent migration of contaminants that would result in groundwater or surface water contamination.

Soil Vapor

- Prevent migration of off-site soil vapor into dwelling and other occupied structures.

3.0 REMEDIAL ALTERNATIVES ANALYSIS

The goal of the remedy selection process is to select a remedy that is protective of human health and the environment taking into consideration the current, intended and reasonably anticipated future use of the property. The remedy selection process begins by establishing RAOs for media in which chemical constituents were found in exceedance of applicable standards, criteria and guidance values (SCGs). A remedy is then developed based on the following nine criteria:

- Protection of human health and the environment;
- Compliance with SCGs;
- Short-term effectiveness and impacts;
- Long-term effectiveness and permanence;
- Reduction of toxicity, mobility, or volume of contaminated material;
- Implementability;
- Cost effectiveness;
- Community Acceptance;
- Land use; and
- Sustainability of Remedy.

The following is a detailed description of the alternatives analysis and remedy selection to address impacted media at the Site. As required, a minimum of two remedial alternatives (including a Track 1 scenario) are evaluated, as follows:

Alternative 1 involves:

- Establishment of Unrestricted Use (Track 1) Soil Cleanup Objective (SCOs);
- Removal of all soil/ fill exceeding Unrestricted Use SCOs throughout the Site. This alternative would require excavation to a depth of approximately 2 feet below grade across the entire site to remove all fill. If soil/fill containing analytes at concentrations above Unrestricted Use SCOs is still present at the base of the excavation after removal of all soil required for construction of the new building's partial cellar is complete,

additional excavation will be performed to ensure complete removal of soil that does not meet Track 1 Unrestricted Use SCOs.

- No Engineering or Institutional Controls are required for a Track 1 cleanup, but a vapor barrier would be installed beneath the new building foundations as part of construction to prevent any potential future exposures from off-Site soil vapor; and
- As part of new development, a final cover will be placed over the entire Site.

Alternative 2 involves:

- Establishment of Track 2 Commercial SCOs;
- Removal of all soil/fill exceeding Track 2 Commercial SCOs. This site already meets Track 2 Commercial SCOs. The entire property will be excavated to a depth of 4 feet below grade for slab on grade construction and excavation for construction of the new building's partial cellar level would take place to a depth of approximately 11 feet (for 2000 sf of Site).
- Placement of a final cover over the entire site to eliminate exposure to remaining soil/fill;
- Placement of a vapor barrier beneath the building slab and along foundation side walls to grade to prevent soil vapor entering the new building;
- Establishment of use restrictions including prohibitions on the use of groundwater from the site and prohibitions on sensitive site uses, such as farming or vegetable gardening, to eliminate future exposure pathways;
- Establishment of an approved Site Management Plan to ensure long-term management of these engineering and institutional controls including the performance of periodic inspections and certification that the controls are performing as they were intended; and
- The property will continue to be registered with an E-Designation at the NYC Buildings Department.

3.1 THRESHOLD CRITERIA

Protection of Public Health and the Environment

This criterion is an evaluation of the remedy's ability to protect public health and the environment, and an assessment of how risks posed through each existing or potential pathway

of exposure are eliminated, reduced or controlled through removal, treatment, and implementation of Engineering Controls or Institutional Controls. Protection of public health and the environment must be achieved for all approved remedial actions.

Alternative 1 would be protective of human health and the environment by removing the historic fill exceeding Track 1 Unrestricted Use SCOs and groundwater protection standards, thus eliminating potential for direct contact with contaminated soil/ fill once construction is complete and eliminating the risk of contaminants leaching into groundwater.

Alternative 2 would achieve comparable protections of human health and the environment by excavating the historic fill at the Site and by ensuring that remaining soil/fill on-Site meets Track 2 Commercial SCOs, as well as by placement of Institutional and Engineering controls, including a composite cover system and vapor barrier. The composite cover system would prevent direct contact with any remaining on-Site soil/fill. Implementing institutional controls including a site management plan and continued “E” designation of property would ensure that the composite cover system remains intact and protective. Establishment of Track 2 Commercial SCOs would minimize the risk of contamination leaching into groundwater.

For both Alternatives, potential exposure to contaminated soils during construction would be minimized by implementing a Construction Health and Safety Plan, a Soil and Materials Management Plan and Community Air Monitoring Plan (CAMP). Potential contact with contaminated groundwater is not anticipated, and would be prevented during construction and the remedial action as its use is prohibited by city laws and regulations. Potential future migration of off-Site soil vapors into the new building would be prevented by installing a vapor barrier system below the new building's basement slab and continuing the vapor barrier around foundation walls as part of new construction.

3.2. BALANCING CRITERIA

Compliance with Standards, Criteria and Guidance (SCGs)

This evaluation criterion assesses the ability of the alternative to achieve applicable standards, criteria and guidance.

Alternative 1 would achieve compliance with the remedial goals, chemical specific SCGs and RAOs for soil through removal to achieve Track 1 Unrestricted Use SCOs and Groundwater Protection Standards. Compliance with SCGs for soil vapor would also be achieved by installing a vapor barrier system below the new buildings cellar slab and continuing the vapor barrier around foundation walls and buildings grade slab, as part of development.

Alternative 2 would achieve compliance with the remedial goals, chemical-specific SCGs and RAOs for soil through removal of soil to meet Track 2 Commercial SCOs. Compliance with SCGs for soil vapor would also be achieved by installing a vapor barrier below the new buildings cellar slab and continuing the vapor barrier around foundation walls and below the buildings grade slab. A Site Management Plan would ensure that these controls remained protective for the long term.

Health and safety measures contained in the CHASP and Community Air Monitoring Plan (CAMP) that comply with the applicable SCGs shall be implemented during Site redevelopment under this RAWP. For both alternatives, focused attention on means and methods employed during the remedial action would ensure that handling and management of contaminated material would be in compliance with applicable SCGs. These measures will protect on-site workers and the surrounding community from exposure to Site-related contaminants.

Short-term effectiveness and impacts

This evaluation criterion assesses the effects of the alternative during the construction and implementation phase until remedial action objectives are met. Under this criterion, alternatives are evaluated with respect to their effects on public health and the environment during implementation of the remedial action, including protection of the community, environmental impacts, time until remedial response objectives are achieved, and protection of workers during remedial actions.

Both Alternatives 1 and 2 have similar-short term effectiveness during their respective implementations, as each requires excavation of historic fill material to a depth of 2 feet below ground surface. Both alternatives would result in short-term dust generation impacts associated with excavation, handling, load out of materials, and truck traffic. Short term impacts could potentially be higher for Alternative 1 if excavation of greater amounts of historical fill material

is encountered below the excavation depth of the proposed building. However, focused attention to means and methods during the remedial action during a Track 1 removal action, including community air monitoring and appropriate truck routing, would minimize or negate the overall impact of these activities.

An additional short-term adverse impact and risks to the community associated with both remedial alternatives is increased truck traffic. Approximately 24, 25-ton capacity truck trips would be necessary to transport fill and soil excavated during Site development. Truck traffic will be routed on the most direct course using major thoroughfares where possible and flaggers will be used to protect pedestrians at Site entrances and exits.

Both alternatives would employ appropriate measures to prevent short-term impacts, including a Construction Health and Safety Plan (CHASP), a Community Air Monitoring Plan (CAMP) and a Soil/Materials Management Plan (SMMP), during all on-Site soil disturbance activities and would minimize the release of contaminants into the environment. Both alternatives provide short-term effectiveness in protecting the surrounding community by decreasing the risk of contact with on-Site contaminants. Construction workers operating under appropriate management procedures and a CHASP will be protected from on-Site contaminants (personal protective equipment would be worn consistent with the documented risks within the respective work zones).

Long-term effectiveness and permanence

This evaluation criterion addresses the results of a remedial action in terms of its permanence and quantity/nature of waste or residual contamination remaining at the Site after response objectives have been met, such as permanence of the remedial alternative, magnitude of remaining contamination, adequacy of controls including the adequacy and suitability of ECs/ICs that may be used to manage contaminant residuals that remain at the Site and assessment of containment systems and ICs that are designed to eliminate exposures to contaminants, and long-term reliability of Engineering Controls.

Alternative 1 would achieve long-term effectiveness and permanence by permanently removing all impacted soil/fill material and enabling unrestricted usage of the property. Removal of on-Site contaminant sources will prevent future groundwater contamination.

Alternative 2 would provide long-term effectiveness by removing most on-site contamination and attaining Track 2 Commercial SCOs, establishing a composite cover system across the Site, establishing use restrictions, establishing a Site Management Plan (SMP) to ensure long-term management of Institutional Controls (ICs) and Engineering Controls (ECs), and continued E designation of property to memorialize these controls for the long term. Establishment of an SMP will ensure that this protection remains effective for the long-term. The SMP will ensure long-term effectiveness of all ECs and ICs by requiring periodic inspection and certification that these controls and use restrictions continue to be in place and are functioning as they were intended assuring that protections designed into the remedy will provide continued high level of protection in perpetuity.

Both alternatives would result in removal of soil contamination exceeding the SCOs providing the highest level, most effective and permanent remedy over the long-term with respect to a remedy for contaminated soil, which will eliminate any migration to groundwater.

Reduction of toxicity, mobility, or volume of contaminated material

This evaluation criterion assesses the remedial alternative's use of remedial technologies that permanently and significantly reduce toxicity, mobility, or volume of contaminants as their principal element. The following is the hierarchy of source removal and control measures that are to be used to remediate a Site, ranked from most preferable to least preferable: removal and/or treatment, containment, elimination of exposure and treatment of source at the point of exposure. It is preferred to use treatment or removal to eliminate contaminants at a Site, reduce the total mass of toxic contaminants, cause irreversible reduction in contaminants mobility, or reduce of total volume of contaminated media.

Alternative 1 would permanently eliminate the toxicity, mobility, and volume of contaminants from on-site soil by meeting Track 1 Unrestricted Use SCOs.

Alternative 2 would permanently eliminate the toxicity, mobility, and volume of contaminants from on-Site soil excavated for development purposes, and any remaining soil/fill would meet Track 2 Commercial SCOs. Alternative 1 would eliminate a greater total mass of contaminants on Site.

Implementability

This evaluation criterion addresses the technical and administrative feasibility of implementing an alternative and the availability of various services and materials required during its implementation, including technical feasibility of construction and operation, reliability of the selected technology, ease of undertaking remedial action, monitoring considerations, administrative feasibility (e.g. obtaining permits for remedial activities), and availability of services and materials.

Both Track 1 and Track 2 cleanup alternatives are feasible and implementable. The techniques, materials and equipment to implement both remedial alternatives are readily available and have been proven effective in remediating the contaminants associated with the Site. They use standard materials and services that are well established technology. The reliability of each remedy is also high. There are no special difficulties associated with any of the activities proposed.

Cost effectiveness

This evaluation criterion addresses the cost of alternatives, including capital costs (such as construction costs, equipment costs, and disposal costs, engineering expenses) and site management costs (costs incurred after remedial construction is complete) necessary to ensure the continued effectiveness of a remedial action.

Since historic fill at the Site was found during the RI to only extend to a depth of up to 2 feet below grade, and the new building requires excavation of the entire Site to a depth of more than 4 feet, with the exception to the partial cellar where excavation will extend to 14 feet below grade, the costs associated with both Alternative 1 and Alternative 2 will likely be the comparable. However, the long-term costs are higher for Alternative 2 than Alternative 1 based on implementation of a Site Management Plan as part of Alternative 2. In both cases, appropriate

public health and environmental protections are achieved.

The remedial plan creates an approach that combines the remedial action with the redevelopment of the Site, including the construction of the building foundation and subgrade structures. The remedial plan is also cost effective in that it will take into consideration the selection of the closest and most appropriate disposal facilities to reduce transportation and disposal costs during the excavation of historic fill and other soils during the redevelopment of the Site.

Community Acceptance

This evaluation criterion addresses community opinion and support for the remedial action. Observations here will be supplemented by public comment received on the RAWP.

Both of the alternatives for the Site would provide a remedial action that is protective of public health and the environment and would be safe to achieve and should be acceptable to the community. This RAWP will be subject to and undergo public review and will provide the opportunity for detailed public input on the remedial alternatives and the selected remedial action. This public comment will be considered by OER prior to approval of this plan. A Citizen Participation Plan is provided in Appendix A.

Land use

This evaluation criterion addresses the proposed use of the property. This evaluation has considered reasonably anticipated future uses of the Site and takes into account: current use and historical and/or recent development patterns; applicable zoning laws and maps; NYS Department of State's Brownfield Opportunity Areas (BOA) pursuant to section 970-r of the general municipal law; applicable land use plans; proximity to real property currently used for residential use, and to commercial, industrial, agricultural, and/or recreational areas; environmental justice impacts, Federal or State land use designations; population growth patterns and projections; accessibility to existing infrastructure; proximity of the site to important cultural resources and natural resources, potential vulnerability of groundwater to contamination that might emanate from the site, proximity to flood plains, geography and geology; and current Institutional Controls applicable to the site.

The proposed redevelopment of the Site is compatible with its current zoning designation is R4 - General Residence District, with commercial overlay C2-2 - Local Service District. The BSA will permit the proposed residential use of the Site upon approval of a Zoning Variance. Following remediation, the Site will meet either Track 1 Unrestricted Use or Track 2 Commercial SCOs, both of which are appropriate for its planned residential use. Improvements in the current environmental condition of the property achieved by both alternatives are also consistent with the City's goals for cleanup of contaminated land, making them safer and bringing such properties into productive reuse. Both alternatives are equally protective of natural resources and cultural resources.

Sustainability of the Remedial Action

This criterion evaluates the overall sustainability of the remedial action alternatives and the degree to which sustainable means are employed to implement the remedial action including those that take into consideration NYC's sustainability goals defined in *PlaNYC: A Greener, Greater New York*. Sustainability goals may include: maximizing the recycling and reuse of non-virgin materials; reducing the consumption of virgin and non-renewable resources; minimizing energy consumption and greenhouse gas emissions; improving energy efficiency; and promotion of the use of native vegetation and enhancing biodiversity during landscaping associated with Site development.

Both Alternative 1 and Alternative 2 would potentially result in similar energy usage based on the potentially equal volume of material transported off-Site. Both remedial alternatives are comparable with respect to the opportunity to achieve sustainable remedial action. A complete list of green remedial activities considered is included in the Sustainability Statement, included as Appendix B.

4.0 REMEDIAL ACTION

4.1 SUMMARY OF PREFERRED REMEDIAL ACTION

The preferred remedial action alternative is Alternative 1, the Track 1Alternative. The preferred remedial action alternative achieves protection of public health and the environment for the intended use of the property. The preferred remedial action alternative will achieve all of the remedial action objectives established for the project and addresses applicable SCGs. The preferred remedial action alternative is effective in both the short-term and long-term and reduces mobility, toxicity and volume of contaminants. The preferred remedial action alternative is cost effective and implementable and uses standards methods that are well established in the industry.

The proposed remedial action will consist of:

1. Preparation of a Community Protection Statement and performance of all required NYC VCP Citizen Participation activities according to an approved Citizen Participation Plan.
2. Performance of a Community Air Monitoring Program for particulates and volatile organic carbon compounds.
3. Establish Track 1 Unrestricted Soil Cleanup Objectives (SCOs).
4. Site mobilization involving Site security setup, equipment mobilization, utility mark outs and marking & staking excavation areas.
5. Excavation and removal of soil/fill exceeding Unrestricted Use SCOs. The entire property will be excavated to depths of four feet below grade for slab on grade construction. A small portion of property will be excavated to the depths of 11 feet below grade for cellar construction. Approximately 600 cubic yards of soil will be excavated and removed from property.
6. Screening of excavated soil/fill during intrusive work for indications of contamination by visual means, odor, and monitoring with a PID. Appropriate segregation of

excavated media on-Site.

7. Removal of underground storage tanks (if encountered) and closure of petroleum spills (if evidence of a spill/leak is encountered during Site excavation) in compliance with applicable local, State and Federal laws and regulations.
8. Transportation and off-Site disposal of all soil/fill material at permitted facilities in accordance with applicable laws and regulations for handling, transport, and disposal, and this plan. Sampling and analysis of excavated media as required by disposal facilities. Appropriate segregation of excavated media on-Site.
9. Collection and analysis of three end-point (confirmation) samples to determine the performance of the remedy with respect to attainment of SCOs.
10. Implementation of storm-water pollution prevention measures in compliance with applicable laws and regulations.
11. Performance of all activities required for the remedial action, including permitting requirements and pretreatment requirements, in compliance with applicable laws and regulations.
12. Submission of a RAR that describes the remedial activities, certifies that the remedial requirements have been achieved, defines the Site boundaries, lists any changes from this RAWP, and if Track 1 SCOs are not achieved, describes all Engineering and Institutional Controls to be implemented at the Site.

If Track 1 is not achieved, the following construction elements will be implemented as Engineering and Institutional Controls:

13. As part of development, installation of a vapor barrier beneath the building slabs and behind the foundation walls of the proposed building. 20-mil VaporBlock Plus vapor barrier membrane by Raven will be installed beneath the footing slab. The vapor barrier will be extended up to grade level by attaching it to the exterior sides of foundation walls using 20-mil VaporBlock Plus vapor barrier membrane.
14. As part of development, construction and maintenance of an engineered composite

cover consisting of concrete slab across the footprint of the new building installed;

15. Submission of an approved Site Management Plan (SMP) in the RAR for long-term management of residual contamination, including plans for operation, maintenance, monitoring, inspection and certification of Engineering and Institutional Controls and reporting at a specified frequency, and

16. The property will continue to be registered with an E-Designation at the NYC Buildings Department. Establishment of Engineering Controls and Institutional Controls; and a requirement that management of these controls must be in compliance with an approved SMP. Institutional Controls will include prohibition of the following: (1) vegetable gardening and farming; (2) use of groundwater without treatment rendering it safe for the intended use; (3) disturbance of residual contaminated material unless it is conducted in accordance with the SMP; and (4) higher level of land usage without OER-approval.

4.2 SOIL CLEANUP OBJECTIVES AND SOIL/FILL MANAGEMENT

Track 1 Soil Cleanup Objectives (SCOs) are proposed for this project. The SCOs for this Site are listed in Table 12. Soil and materials management on-Site and off-Site, including excavation, handling and disposal, will be conducted in accordance with the Soil/Materials Management Plan in Appendix C. The location of planned excavations is shown in Figure 4.

Discrete contaminant sources (such as hotspots) identified during the remedial action will be identified by GPS or surveyed. This information will be provided in the Remedial Action Report.

If Track 1 SCOs are not met for this cleanup, Track 2 Soil Cleanup Objectives (SCOs) are proposed for this project and are listed in Table 12.

Estimated Soil/Fill Removal Quantities

The total quantity of soil/fill expected to be excavated and disposed off-Site is 600 cubic yards.

The proposed disposal locations for Site-derived impacted materials are listed below. Additional disposal locations established at a later date will be reported promptly to the OER Project Manager.

Disposal Facility	**Waste Type**	**Estimated Quantities**
Clean Earth	Soil/Fill	600 cubic yards

End-Point Sampling

Removal actions for development purposes under this plan will be performed in conjunction with confirmation soil sampling. Three confirmation samples will be collected from the base of the excavation at locations where elevated metals were indicated during the RI in the 0-2 ft samples. For comparison to Track 1 SCOs, analytes will include VOCs, SVOC, pesticides, PCBs and metals according to analytical methods described below. For comparison to Track 2 SCOs, analytes will only include trigger compounds and elements established on the Track 2 SCO list.

Hot-spot removal actions, whether established under this RAWP or identified during the remedial program, will be performed in conjunction with post remedial end-point samples to ensure that hot-spots are fully removed. Analytes for end-point sampling will be those parameters that are driving the hot-spot removal action and will be approved by OER. Frequency for hot-spot end-point sample collection is as follows:

1. For excavations less than 20 feet in total perimeter, at least one bottom sample and one sidewall sample biased in the direction of surface runoff.

2. For excavations 20 to 300 feet in perimeter:

    - For surface removals, one sample from the top of each sidewall for every 30 linear feet of sidewall and one sample from the excavation bottom for every 900 square feet of bottom area.

- For subsurface removals, one sample from each sidewall for every 30 linear feet of sidewall and one sample from the excavation bottom for every 900 square feet of bottom area.

3. For sampling of volatile organics, bottom samples should be taken within 24 hours of excavation, and should be taken from the zero to six-inch interval at the excavation floor. Samples taken after 24 hours should be taken at six to twelve inches.

4. For contaminated soil removal, post remediation soil samples for laboratory analysis should be taken immediately after contaminated soil removal. If the excavation is enlarged horizontally, additional soil samples will be taken pursuant to bullets 1-3 above.

Post-remediation end-point sample locations and depth will be biased towards the areas and depths of highest contamination identified during previous sampling episodes unless field indicators such as field instrument measurements or visual contamination identified during the remedial action indicate that other locations and depths may be more heavily contaminated. In all cases, post-remediation samples should be biased toward locations and depths of the highest expected contamination.

New York State ELAP certified labs will be used for all confirmation and end-point sample analyses. Labs performing confirmation and end-point sample analyses will be reported in the RAR. The RAR will provide a tabular and map summary of all confirmation and end-point sample results and will include all data including non-detects and applicable standards and/or guidance values. End-point samples will be Confirmation samples will be analyzed for compounds and elements as described above utilizing the following methodology:

Soil analytical methods will include:

- Volatile organic compounds by EPA Method 8260;
- Semi-volatile organic compounds by EPA Method 8270;
- Target Analyte List metals; and
- Pesticides/PCBs by EPA Method 8081/8082.

If either LNAPL and/or DNAPL are detected, appropriate samples will be collected for characterization and "finger print analysis" and required regulatory reporting (i.e. spills hotline) will be performed.

Quality Assurance/Quality Control

End point soil samples will be containerized in laboratory-prepared jars, labeled, sealed, and placed in a chilled cooler for shipment to the laboratory. Chain of custody procedures outlined in the RIWP will be followed. Quality assurance (duplicate and trip blanks) and quality control (field blanks) samples will be incorporated into the sampling events as required by NYC OER and will consist of one duplicate soil sample and one field blank per 20 end-point soil samples collected. Soil field blanks will be analyzed for VOCs and soil duplicate samples will be analyzed for VOCs and SVOCs.

Import and Reuse of Soils

Import of soils onto the property and reuse of soils already onsite will be performed in conformance with the Soil/Materials Management Plan in Appendix C. The import of soil onto the site is not anticipated. The estimated quantity of onsite soil/fill expected to be reused/relocated on Site is less than 1 ton, based upon over excavating of structural elements.

4.3 ENGINEERING CONTROLS

The excavation required for the proposed Site development will achieve Track 1 Unrestricted Use SCOs. No Engineering Controls are required to address residual contamination at the Site. However, the following elements will be incorporated into the foundation design as part of the development: composite cover system and soil vapor barrier. If Track 1 is not achieved, these two elements will constitute Engineering Controls that will be employed in the remedial action to address residual contamination remaining at the Site.

Composite Cover System

As part of new development, the entire property will be covered by an engineered permanent cover system. This composite cover system is comprised of concrete covered sidewalks, concrete building slab, and concrete cellar walls. The slabs and walls with be approximately one foot thick concrete with rebar, while the sidewalks with consist of concrete and rebar.

If Track 1 SCOs are not achieved, the site building slab will be a permanent engineering control for the Site. The system will be inspected and reported at specified intervals as required by the Site Management Plan (SMP). A Soil Management Plan will be included in the Site Management Plan and will outline the procedures to be followed in the event that the composite cover system and underlying residual soil/fill is disturbed after the remedial action is complete. Maintenance of this composite cover system will be described in the Site Management Plan in the RAR. Figure 5A shows the typical design for each remedial cover type used on this Site. Figure 5B shows the location of cover type built at the Site.

Vapor Barrier

Migration of soil vapor will be mitigated with a combination of building slab and vapor barrier. As part of new development, a Vaporblock Plus VBP 20-mil vapor barrier, manufactured by Raven Industries, will be installed beneath the structure's slab and along foundation sidewalls. Installation details (penetrations, joints, etc.) With respect to the proposed building foundation, footings, slab, and sidewalls product specification sheets are provided in Figure 5A.

The project's Professional Engineer licensed by the State of New York will have primary direct responsibility for overseeing the implementation of the vapor barrier. The RAR will include photographs (maximum of two photos per page) of the installation process, professional engineer (PE) certified letter (on company letterhead) from the primary contractor responsible for installation oversight and field inspections, and a copy of the manufacturer's certificate of warranty.

4.4 INSTITUTIONAL CONTROLS

Institutional Controls are not required on sites that achieve Track 1 Remedial Action. If Track 1 SCOs are not achieved, Institutional Controls (IC) will be utilized in this remedial action to manage residual soil/fill and other media and render the Site protective of public health and the environment. Institutional Controls are listed below. Long-term employment of EC/ICs will be implemented under a site-specific Site Management Plan (SMP) that will be included in the RAR. The property will continue to be registered with an E-Designation at the NYC Buildings Department.

Institutional Controls for this remedial action are:

- Continued registration of the E-Designation for the property. This RAWP includes a description of all ECs and ICs, and summarizes the requirements of the Site Management Plan which will note that the property owner and property owner's successors and assigns must comply with the approved SMP;
- Submittal of a Site Management Plan in the RAR for approval by OER that provides procedures for appropriate operation, maintenance, monitoring, inspection, reporting and certification of ECs. SMP will require that the property owner and property owner's successors and assigns will submit to OER a periodic written statement that certifies that: (1) controls employed at the Site are unchanged from the previous certification or that any changes to the controls were approved by OER; and, (2) nothing has occurred that impairs the ability of the controls to protect public health and environment or that constitute a violation or failure to comply with the SMP. OER retains the right to enter the Site in order to evaluate the continued maintenance of any controls. This certification shall be submitted at a frequency to be determine by OER in the SMP and will comply with RCNY §43-1407(l)(3).
- Vegetable gardens and farming on the Site are prohibited in contact with residual soil materials;
- Use of groundwater underlying the Site is prohibited without treatment rendering it safe for its intended use;

- All future activities on the Site that will disturb residual material must be conducted pursuant to the soil management provisions in an approved SMP;
- The Site will be used commercial/retail use and will not be used for a higher level of use without prior approval by OER.

4.5 SITE MANAGEMENT PLAN

Site Management is not required for Track 1 remedial actions. However, if Track 1 SCOs are not achieved, Site Management will be the last phase of remediation and begins with the approval of the Remedial Action Report and issuance of the Notice of Completion (NOC) for the Remedial Action. The Site Management Plan (SMP) describes appropriate methods and procedures to ensure implementation of all ECs and ICs that are required by this RAWP. The Site Management Plan is submitted as part of the RAR but will be written in a manner that allows its use as an independent document. Site Management continues until terminated in writing by OER. The property owner is responsible to ensure that all Site Management responsibilities defined in the Site Management Plan are implemented.

The SMP will provide a detailed description of the procedures required to manage residual soil/fill left in place following completion of the remedial action in accordance with the Brownfield Cleanup Agreement with OER. This includes a plan for: (1) implementation of EC's and ICs; (2) implementation of monitoring programs; (3) operation and maintenance of EC's; (4) inspection and certification of EC's; and (5) reporting.

Site management activities, reporting, and EC/IC certification will be scheduled by OER on a periodic basis to be established in the SMP and will be subject to review and modification by OER. The Site Management Plan will be based on a calendar year and certification reports will be due for submission to OER by July 31 of the year following the reporting period.

4.6 QUALITATIVE HUMAN HEALTH EXPOSURE ASSESSMENT

The objective of the qualitative exposure assessment is to identify potential receptors and pathways for human exposure to the contaminants of concern (COC) that are present at, or migrating from, the Site. The identification of exposure pathways describes the route that the

COC takes to travel from the source to the receptor. An identified pathway indicates that the potential for exposure exists; it does not imply that exposures actually occur.

Investigations reported in the Remedial Investigation Report (RIR) are sufficient to complete a Qualitative Human Health Exposure Assessment (QHHEA). As part of the VCP process, a QHHEA was performed to determine whether the Site poses an existing or future health hazard to the Site's exposed or potentially exposed population. The sampling data from the RI were evaluated to determine whether there is any health risk by characterizing the exposure setting, identifying exposure pathways, and evaluating contaminant fate and transport. This QHHEA was prepared in accordance with Appendix 3B and Section 3.3 (b) 8 of the NYSDEC Draft DER-10 Technical Guidance for Site Investigation and Remediation.

Known and Potential Sources

Soil-

- Metals including lead (max of 194 ppm), mercury (max, of 0.211 ppm) and zinc (max. of 144 ppm) were detected above Track 1 SCOs in shallow soil samples. No compounds exceeded Track2 Residential or Track 2 Commercial SCOs

Groundwater-

- Trace concentrations of VOCs (including acetone, chloroform and methylene chloride), well below their GQS were detected in groundwater samples.
- Several metals were identified in groundwater, but only manganese and sodium exceeded their GQS

Soil Vapor-

- Low level petroleum-related contaminants, acetone, and moderate levels of one chlorinated solvent were identified.
- Tetrachloroethene (PCE) was detected in all samples at low concentrations.

Nature, Extent, Fate and Transport of Contaminants

Metals are present in the shallow soils exceeding Unrestricted Use SCOs. Pesticides were detected in one shallow sample. Dissolved metals including manganese, and sodium were detected above GQS. The chlorinated VOCs in soil vapor were not detected or were well below guidance issued by New York State DOH and were not found in any of the on-Site soil or groundwater samples collected.

Potential Routes of Exposure

The five elements of an exposure pathway are: (1) a contaminant source; (2) contaminant release and transport mechanisms; (3) a point of exposure; (4) a route of exposure; and (5) a receptor population.

An exposure pathway is considered complete when all five elements of an exposure pathway are documented. A potential exposure pathway exists when any one or more of the five elements comprising an exposure pathway cannot be ruled out. An exposure pathway may be eliminated from further evaluation when any one of the five elements comprising an exposure pathway has not existed in the past, does not exist in the present, and will never exist in the future. Three potential primary routes exist by which chemicals can enter the body:

- Ingestion of water, fill, or soil;
- Inhalation of vapors and particulates; and
- Dermal contact with fill or soil.

Existence of Human Health Exposure

Existing – The Site is undeveloped, vacant, fenced, and covered with a layer of asphalt. Therefore, exposure to surficial soil/fill material is minimal. Groundwater is not exposed at the Site, and because the Site is served by the public water supply, groundwater is not used at the Site. There are no structures on Site where soil vapor could accumulate.

Construction/ Remediation Activities – Once redevelopment activities begin, construction workers will come into direct contact with surface and subsurface soils as a result of on-Site

construction/excavation activities. Similarly, off-Site receptors could be exposed to dust from onsite activities. During construction, on-Site and off-Site exposures to contaminated dust from on-Site will be addressed through dust controls, and through the implementation of the Community Air Monitoring Plan and a Construction Health and Safety Plan. Groundwater is not anticipated to be encountered, and there will be no structures on site where soil vapor could accumulate.

Proposed Future Conditions – Once the remedial actions and redevelopment of the Site have been completed, there will be no potential onsite exposure pathways. Not only will historic fill be removed, but the Site will also be fully capped with the concrete building slab, which will prevent contact with any residual soils. Any exposures to vapors from off-site sources will be prevented by installation of a vapor barrier and a building slab.

Receptor Populations

The immediate area is mixed use residential and commercial, and is anticipated to remain as such. The new building at the site will be utilized as a retail commercial facility. Potential receptor populations are as follows:

On-Site Receptors - The Site is currently vacant. Therefore, the only potential on-Site receptors are Site representatives, trespassers and visitors granted access to the property. During redevelopment of the Site, the on-Site potential receptors will include construction workers, site representatives, and visitors. Once the Site is redeveloped, the on-Site potential sensitive receptors will include adult and child residents.

Off-Site Receptors - Potential offsite receptors within a 0.25-mile radius of the Site include: adult and child residents, commercial, industrial and construction workers, pedestrians, trespassers, and cyclists, based on the following:

1. Commercial Businesses (up to 0.25 mile) – existing and future
2. Light Industrial (up to 0.25 mile) – existing and future

3. Residential Buildings (up to 0.25 mile) – existing and future
4. Building Construction/Renovation (up to 0.25 mile) – existing and future
5. Pedestrians, Trespassers, Cyclists (up to .25 mile) – existing and future
6. Schools (up to .25 mile) – existing and future
7. Community (up to .25 mile) – existing and future

Overall Human Health Exposure Assessment

There are potential complete exposure pathways for the current site condition. There is a potential complete exposure pathway that requires mitigation during implementation of the remedy. There is no complete exposure pathway under future conditions after the site is developed. Based upon this analysis, complete on-site exposure pathways appear to be present only during the current unremediated phase and during the remedial construction phase. Under current conditions, on-Site exposure pathways are minimized by preventing access to the Site. During the remedial action, on-site exposure pathways will be eliminated by preventing access to the Site, through implementation of soil/materials management, storm water pollution prevention, dust controls, employment of a community air monitoring plan, and implementation of a Construction Health and Safety Plan. After the remedial action is complete, there will be no remaining exposure pathways to on-Site soil/ fill, as all soil that exceeds Track 1 Unrestricted Use SCOs will have been removed, and the vapor barrier and concrete building slab will interrupt potential for soil vapor intrusion and vapor build-up inside the building.

This assessment takes into consideration the reasonably anticipated use of the site, which includes a residential structure, site-wide impervious surface cover cap, and a subsurface vapor barrier system for the building. Potential post-construction use of groundwater is not considered an option because groundwater in this area of New York City is not used as a potable water source. There are no surface waters in close proximity to the Site that could be impacted or threatened.

5.0 REMEDIAL ACTION MANAGEMENT

5.1 PROJECT ORGANIZATION AND OVERSIGHT

Principal personnel who will participate in the remedial action include James M. DeMartinis, and Philip Hoffken Jr., Project Manager. The Professional Engineer (PE) and Qualified Environmental Professionals (QEP) for this project are James R. Holzmacher P.E and James M DeMartinis P.G.

5.2 SITE SECURITY

Site access will be controlled by gated entrances to the fenced property.

5.3 WORK HOURS

The hours for operation of remedial construction will be from 7 to 5:00. These hours conform to the New York City Department of Buildings construction code requirements.

5.4 CONSTRUCTION HEALTH AND SAFETY PLAN

The Health and Safety Plan is included in Appendix D. The Site Safety Coordinator will be Philip Hoffken Jr. Remedial work performed under this RAWP will be in full compliance with applicable health and safety laws and regulations, including Site and OSHA worker safety requirements and HAZWOPER requirements. Confined space entry, if any, will comply with OSHA requirements and industry standards and will address potential risks. The parties performing the remedial construction work will ensure that performance of work is in compliance with the HASP and applicable laws and regulations. The HASP pertains to remedial and invasive work performed at the Site until the issuance of the Notice of Completion.

All field personnel involved in remedial activities will participate in training required under 29 CFR 1910.120, including 40-hour hazardous waste operator training and annual 8-hour refresher training. Site Safety Officer will be responsible for maintaining workers training records.

Personnel entering any exclusion zone will be trained in the provisions of the HASP and be required to sign an HASP acknowledgment. Site-specific training will be provided to field personnel. Additional safety training may be added depending on the tasks performed. Emergency telephone numbers will be posted at the site location before any remedial work begins. A safety meeting will be conducted before each shift begins. Topics to be discussed include task hazards and protective measures (physical, chemical, environmental); emergency procedures; PPE levels and other relevant safety topics. Meetings will be documented in a log book or specific form.

An emergency contact sheet with names and phone numbers is included in the HASP. That document will define the specific project contacts for use in case of emergency.

5.5 COMMUNITY AIR MONITORING PLAN

Real-time air monitoring for volatile organic compounds (VOCs) and particulate levels at the perimeter of the exclusion zone or work area will be performed. Continuous monitoring will be performed for all ground intrusive activities and during the handling of contaminated or potentially contaminated media. Ground intrusive activities include, but are not limited to, soil/waste excavation and handling, test pit excavation or trenching, and the installation of soil borings or monitoring wells.

Periodic monitoring for VOCs will be performed during non-intrusive activities such as the collection of soil and sediment samples or the collection of groundwater samples from existing monitoring wells. Periodic monitoring during sample collection, for instance, will consist of taking a reading upon arrival at a sample location, monitoring while opening a well cap or overturning soil, monitoring during well baling/purging, and taking a reading prior to leaving a sample location. Depending upon the proximity of potentially exposed individuals, continuous monitoring may be performed during sampling activities. Examples of such situations include groundwater sampling at wells on the curb of a busy urban street, in the midst of a public park, or adjacent to a school or residence. Exceedences of action levels observed during performance of the Community Air Monitoring Plan (CAMP) will be reported to the OER Project Manager and included in the Daily Report.

VOC Monitoring, Response Levels, and Actions

Volatile organic compounds (VOCs) will be monitored at the downwind perimeter of the immediate work area (i.e., the exclusion zone) on a continuous basis during invasive work. Upwind concentrations will be measured at the start of each workday and periodically thereafter to establish background conditions. The monitoring work will be performed using equipment appropriate to measure the types of contaminants known or suspected to be present. The equipment will be calibrated at least daily for the contaminant(s) of concern or for an appropriate surrogate. The equipment will be capable of calculating 15-minute running average concentrations, which will be compared to the levels specified below.

- If the ambient air concentration of total organic vapors at the downwind perimeter of the work area or exclusion zone exceeds 5 parts per million (ppm) above background for the 15-minute average, work activities will be temporarily halted and monitoring continued. If the total organic vapor level readily decreases (per instantaneous readings) below 5 ppm over background, work activities will resume with continued monitoring.
- If total organic vapor levels at the downwind perimeter of the work area or exclusion zone persist at levels in excess of 5 ppm over background but less than 25 ppm, work activities will be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities will resume provided that the total organic vapor level 200 feet downwind of the exclusion zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less - but in no case less than 20 feet, is below 5 ppm over background for the 15-minute average.
- If the organic vapor level is above 25 ppm at the perimeter of the work area, activities will be shutdown.

All 15-minute readings must be recorded and be available for OER personnel to review. Instantaneous readings, if any, used for decision purposes will also be recorded.

Particulate Monitoring, Response Levels, and Actions

Particulate concentrations will be monitored continuously at the upwind and downwind perimeters of the exclusion zone at temporary particulate monitoring stations. The particulate monitoring will be performed using real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of integrating over a period of 15 minutes (or less) for comparison to the airborne particulate action level. The equipment will be equipped with an audible alarm to indicate exceedance of the action level. In addition, fugitive dust migration should be visually assessed during all work activities.

- If the downwind PM-10 particulate level is 100 micrograms per cubic meter (mcg/m^3) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then dust suppression techniques will be employed. Work will continue with dust suppression techniques provided that downwind PM-10 particulate levels do not exceed 150 mcg/m^3 above the upwind level and provided that no visible dust is migrating from the work area.
- If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than 150 mcg/m^3 above the upwind level, work will be stopped and a re-evaluation of activities initiated. Work will resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within 150 mcg/m^3 of the upwind level and in preventing visible dust migration.

All readings will be recorded and be available for OER personnel to review.

5.6 AGENCY APPROVALS

All permits or government approvals required for remedial construction have been or will be obtained prior to the start of remedial construction. Approval of this RAWP by OER does not constitute satisfaction of these requirements and will not be a substitute for any required permit.

5.7 SITE PREPARATION

Pre-Construction Meeting

OER will be invited to attend the pre-construction meeting at the Site with all parties involved in the remedial process prior to the start of remedial construction activities.

Mobilization

Mobilization will be conducted as necessary for each phase of work at the Site. Mobilization includes field personnel orientation, equipment mobilization (including securing all sampling equipment needed for the field investigation), marking/staking sampling locations and utility mark-outs. Each field team member will attend an orientation meeting to become familiar with the general operation of the Site, health and safety requirements, and field procedures.

Utility Marker Layouts, Easement Layouts

The presence of utilities and easements on the Site will be fully investigated prior to the performance of invasive work such as excavation or drilling under this plan by using, at a minimum, the One-Call System (811). Underground utilities may pose an electrocution, explosion, or other hazard during excavation or drilling activities. All invasive activities will be performed incompliance with applicable laws and regulations to assure safety. Utility companies and other responsible authorities will be contacted to locate and mark the locations, and a copy of the Markout Ticket will be retained by the contractor prior to the start of drilling, excavation or other invasive subsurface operations. Overhead utilities may also be present within the anticipated work zones. Electrical hazards associated with drilling in the vicinity of overhead utilities will be prevented by maintaining a safe distance between overhead power lines and drill rig masts.

Proper safety and protective measures pertaining to utilities and easements, and compliance with all laws and regulations will be employed during invasive and other work contemplated under this RAWP. The integrity and safety of on-Site and off-Site structures will be maintained during all invasive, excavation or other remedial activity performed under the RAWP.

Equipment and Material Staging

Equipment and materials will be stored and staged in a manner that complies with applicable laws and regulations.

Stabilized Construction Entrance

Steps will be taken to ensure that trucks departing the site will not track soil, fill or debris off-Site. Such actions may include use of cleaned asphalt or concrete roads or use of stone or other aggregate-based egress paths between the truck inspection station and the property exit. Measures will be taken to ensure that adjacent roadways will be kept clean of project related soils, fill and debris.

Truck Inspection Station

An outbound-truck inspection station will be set up close to the Site exit. Before exiting the NYC VCP Site, trucks will be required to stop at the truck inspection station and will be examined for evidence of contaminated soil on the undercarriage, body, and wheels. Soil and debris will be removed. Brooms, shovels and potable water will be utilized for the removal of soil from vehicles and equipment, as necessary.

Extreme Storm Preparedness and Response Contingency Plan

Damage from flooding or storm surge can include dislocation of soil and stockpiled materials, dislocation of site structures and construction materials and equipment, and dislocation of support of excavation structures. Damage from wind during an extreme storm event can create unsafe or unstable structures, damage safety structures and cause downed power lines creating dangerous site conditions and loss of power. In the event of emergency conditions caused by an extreme storm event, the enrollee will undertake the following steps for site preparedness prior to the event and response after the event.

Storm Preparedness

Preparations in advance of an extreme storm event will include the following: containerized hazardous materials and fuels will be removed from the property; lose materials will be secured

to prevent dislocation and blowing by wind or water; heavy equipment such as excavators and generators will be removed from holes, trenches and depressions on the property to high ground or removed from the property; an inventory of the property with photographs will be performed to establish conditions for the site and equipment prior to the event; stockpile covers for soil and fill will be secured by adding weights such as sandbags for added security and worn or ripped stockpile covers will be replaced with competent covers; stockpiled hazardous wastes will be removed from the property; stormwater management systems will be inspected and fortified, including, as necessary: clean and reposition silt fences, haybales; clean storm sewer filters and traps; and secure and protect pumps and hosing.

Storm Response

At the conclusion of an extreme storm event, as soon as it is safe to access the property, a complete inspection of the property will be performed. A site inspection report will be submitted to OER at the completion of site inspection and after the site security is assessed. Site conditions will be compared to the inventory of site conditions and material performed prior to the storm event and significant differences will be noted. Damage from storm conditions that result in acute public safety threats, such as downed power lines or imminent collapse of buildings, structures or equipment will be reported to public safety authorities via appropriate means such as calling 911. Petroleum spills will be reported to NYS DEC within 2 hours of identification and consistent with State regulations. Emergency and spill conditions will also be reported to OER. Public safety structures, such as construction security fences will be repaired promptly to eliminate public safety threats. Debris will be collected and removed. Dewatering will be performed in compliance with existing laws and regulations and consistent with emergency notifications, if any, from proper authorities. Eroded areas of soil including unsafe slopes will be stabilized and fortified. Dislocated materials will by collected and appropriately managed. Support of excavation structure will be inspected and fortified as necessary. Impacted stockpiles will be contained and damaged stockpile covers will be replaced. Storm-water control systems and structures will be inspected and maintained as necessary. If soil or fill materials are discharged off site to adjacent properties, property owners and OER will be notified and corrective measure plan designed to remove and clean dislocated material will be submitted to OER and implemented following approval by OER and granting of site access by the property

owner. Impacted offsite areas may require characterization based on site conditions, at the discretion of OER. If onsite petroleum spills are identified, a qualified environmental professional will determine the nature and extent of the spill and report to NYS DEC's spill hotline at DEC 800-457-7362. If the source of the spill is ongoing and can be identified, it should be stopped it this can be done safely. Potential hazards will be addressed immediately, consistent with guidance issued by NYS DEC.

Storm Response Reporting

A site inspection report will be submitted to OER at the completion of site inspection. An inspection report established by OER is available on OER's website (www.nyc.gov/oer) and will be used for this purpose. Site conditions will be compared to the inventory of site conditions and material performed prior to the storm event and significant differences will be noted. The site inspection report will be sent to the OER project manager and will include the site name, address, tax block and lot, site primary and alternate contact name and phone number. Damage and soil release assessment will include: whether the project had stockpiles; whether stockpiles were damaged; photographs of damage and notice of plan for repair; report of whether soil from the site was dislocated and whether any of the soil left the site; estimates of the volume of soil that left the site, nature of impact, and photographs; description of erosion damage; description of equipment damage; description of damage to the remedial program or the construction program, such as damage to the support of excavation; presence of onsite or offsite exposure pathways caused by the storm; presence of petroleum or other spills and status of spill reporting to NYS DEC; description of corrective actions; schedule for corrective actions. This report should be completed and submitted to OER project manager with photographs within 24 hours of the time of safe entry to the property after the storm event.

5.8 TRAFFIC CONTROL

Drivers of trucks leaving the NYC VCP Site with soil/fill will be instructed to proceed without stopping in the vicinity of the site to prevent neighborhood impacts. The planned route on local roads for trucks leaving the site will be planned by the construction manager for the Site and reported to OER.

5.9 DEMOBILIZATION

Demobilization will include:

- As necessary, restoration of temporary access areas and areas that may have been disturbed to accommodate support areas (e.g., staging areas, decontamination areas, storage areas, temporary water management areas, and access area);
- Removal of sediment from erosion control measures and truck wash and disposal of materials in accordance with applicable laws and regulations;
- Equipment decontamination, and;
- General refuse disposal.

Equipment will be decontaminated and demobilized at the completion of all field activities. Investigation equipment and large equipment (*e.g.*, soil excavators) will be washed at the truck inspection station as necessary. In addition, all investigation and remediation derived waste will be appropriately disposed.

5.10 REPORTING AND RECORD KEEPING

Daily Reports

Daily reports providing a general summary of activities for each day of *active remedial work* will be emailed to the OER Project Manager by the end of the following day. Those reports will include:

- Project number and statement of the activities and an update of progress made and locations of work performed;
- Quantities of material imported and exported from the Site;
- Status of on-Site soil/fill stockpiles;
- A summary of all citizen complaints, with relevant details (basis of complaint; actions taken; etc.);
- A summary of CAMP excursions, if any;

- Photograph of notable Site conditions and activities.

The frequency of the reporting period may be revised in consultation with OER project manager based on planned project tasks. Daily email reports are not intended to be the primary mode of communication for notification to OER of emergencies (accidents, spills), requests for changes to the RAWP or other sensitive or time critical information. However, such information will be included in the daily reports. Emergency conditions and changes to the RAWP will be communicated directly to the OER project manager by personal communication. Daily reports will be included as an Appendix in the Remedial Action Report. An alpha-numeric site map will be used to identify locations described in reports submitted to OER and is shown in Figure 6.

Record Keeping and Photo-Documentation

Job-site record keeping for all remedial work will be performed. These records will be maintained on-Site during the project and will be available for inspection by OER staff. Representative photographs will be taken of the Site prior to any remedial activities and during major remedial activities to illustrate remedial program elements and contaminant source areas. Photographs will be submitted at the completion of the project in the RAR in digital format (i.e. jpeg files).

5.11 COMPLAINT MANAGEMENT

All complaints from citizens will be promptly reported to OER. Complaints will be addressed and outcomes will also be reported to OER in daily reports. Notices to OER will include the nature of the complaint, the party providing the complaint, and the actions taken to resolve any problems.

5.12 DEVIATIONS FROM THE REMEDIAL ACTION WORK PLAN

All changes to the RAWP will be reported to the OER Project Manager and will be documented in daily reports and reported in the Remedial Action Report. The process to be followed if there are any deviations from the RAWP will include a request for approval for the change from OER noting the following:

- Reasons for deviating from the approved RAWP;
- Effect of the deviations on overall remedy; and
- Determination that the remedial action with the deviation(s) is protective of public health and the environment.

6.0 REMEDIAL ACTION REPORT

A Remedial Action Report (RAR) will be submitted to OER following implementation of the remedial action defined in this RAWP. The RAR will document that the remedial work required under this RAWP has been completed and has been performed in compliance with this plan. The RAR will include:

- Information required by this RAWP;
- As-built drawings for all constructed remedial elements, required certifications, manifests and other written and photographic documentation of remedial work performed under this remedy;
- Site Management Plan (if Track 1 is not achieved);
- Description of any changes in the remedial action from the elements provided in this RAWP and associated design documents;
- Tabular summary of all end point sampling results and all material characterization results, QA/QC results for end-point sampling, and other sampling and chemical analysis performed as part of the remedial action and DUSR;
- Test results or other evidence demonstrating that remedial systems are functioning properly;
- Account of the source area locations and characteristics of all contaminated material removed from the Site including a map showing source areas;
- Account of the disposal destination of all contaminated material removed from the Site. Documentation associated with disposal of all material will include transportation and disposal records, and letters approving receipt of the material.
- Account of the origin and required chemical quality testing for material imported onto the Site.
- Continue registration of the property with an E-Designation by the NYC Department of Buildings.
- Reports and supporting material will be submitted in digital form.

Remedial Action Report Certification

The following certification will appear in front of the Executive Summary of the Remedial Action Report. The certification will include the following statements:

I, James R Holzmacher P.E., am currently a professional engineer licensed by the State of New York. I had primary direct responsibility for implementation of the remedial program for the Liberty Avenue Site OER Project # 14EH-N350Q.

I, James M. DeMartinis, am a qualified Environmental Professional. I had primary direct responsibility for implementation remedial program for the Liberty Avenue Site OER Project # 14EH-N350Q.

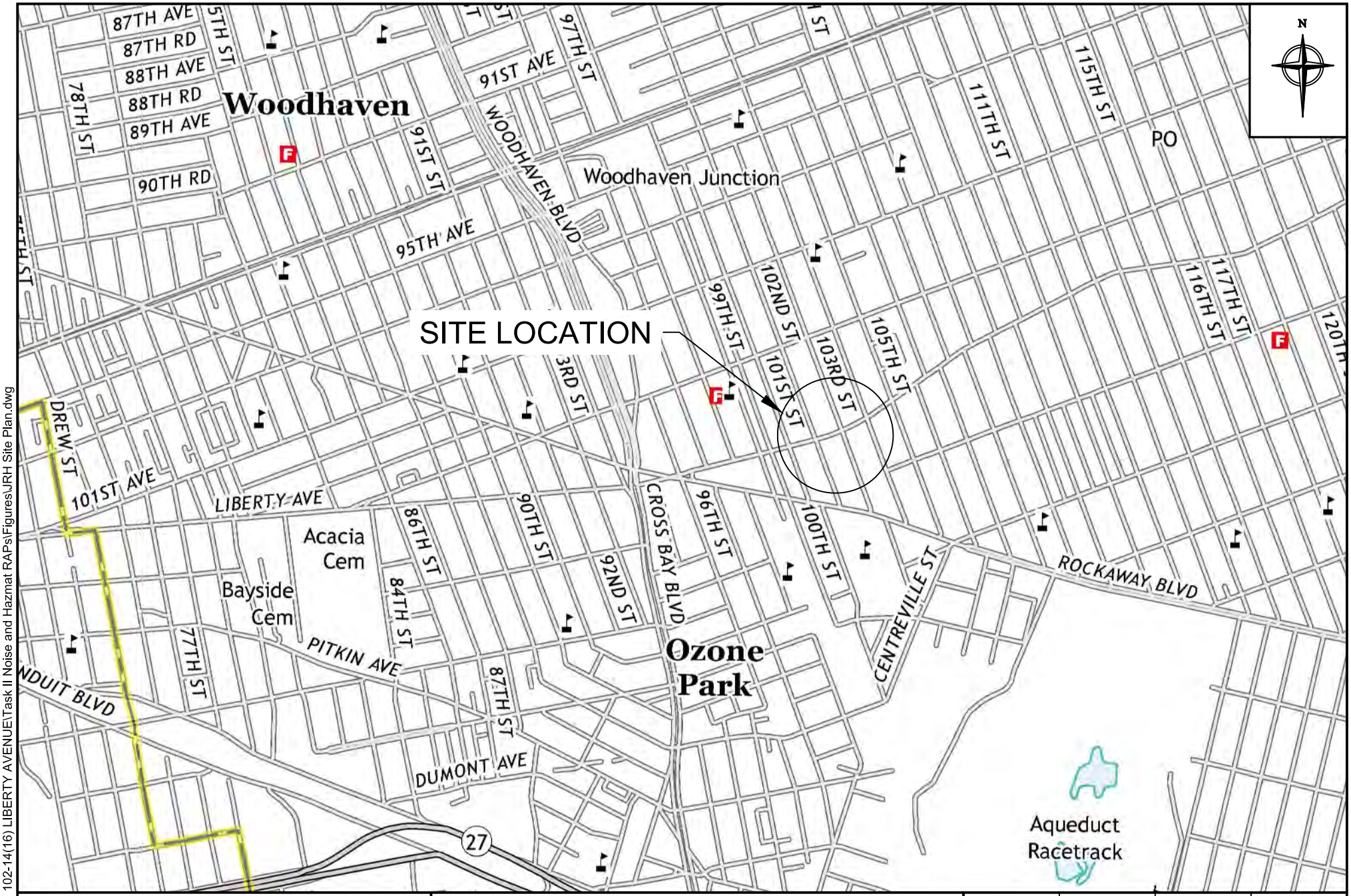
I certify that the OER-approved Remedial Action Work Plan dated month day year and Stipulations in a letter dated month day, year; if any were implemented and that all requirements in those documents have been substantively complied with. I certify that contaminated soil, fill, liquids or other material from the property were taken to facilities licensed to accept this material in full compliance with applicable laws and regulations.

7.0 SCHEDULE

The table below presents a schedule for the proposed remedial action and reporting. If the schedule for remediation and development activities changes, it will be updated and submitted to OER. Currently, a one month remediation period is anticipated.

Schedule Milestone	Weeks from Remedial Action Start	Duration (weeks)
OER Approval of RAWP	0	-
Fact Sheet 2 announcing start of remedy	0	-
Mobilization	1	1
Remedial Excavation	1	4
Demobilization	5	
Submit Remedial Action Report	10	

FIGURES



P:\2014\YunaJ\14-01 102-14(16) LIBERTY AVENUE\Task II Noise and Hazmat RAPs\Figures\JRH Site Plan.dwg

PREPARED BY:

J.R. HOLZMACHER P.E., LLC

The Third Generation of Excellence
In Water Supply, Water Resources,
Civil and Environmental Engineering

3555 VETERANS MEMORIAL HIGHWAY,
SUITE A, RONKONKOMA, NY 11779
PHONE # (631) 234-2220 *FAX # (631) 234-2221*
E-MAIL: info@holzmacher.com

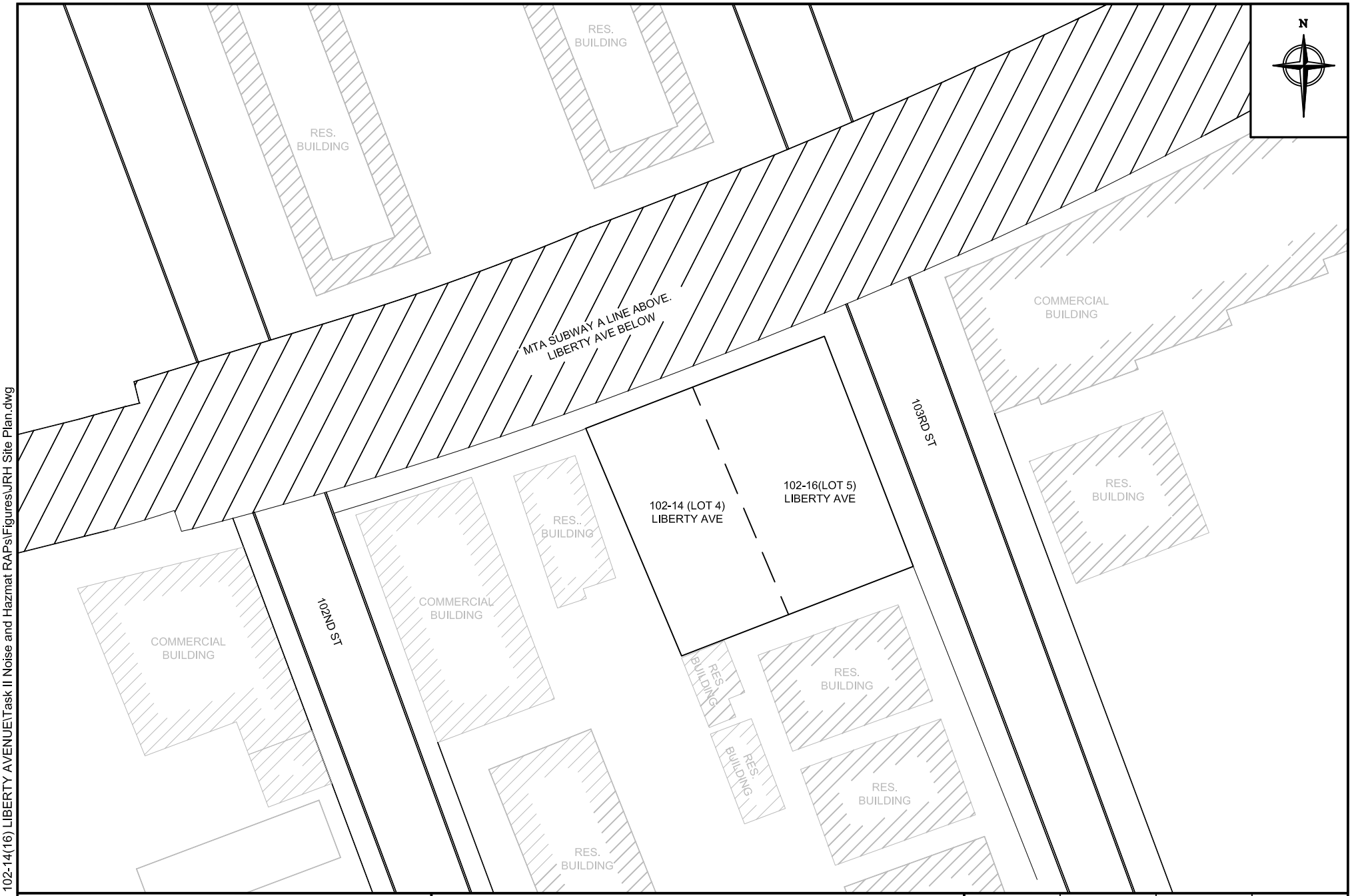
TITLE:

Site Location Map

102-14 & 102-16 Liberty Ave
Ozone Park, NY 11417

DWN:	SCALE:	DATE:	PROJECT NO.:
HVS	NTS	02/07/14	YunaJ 14-01
CHKD:	APPD:	REV.:	NOTES:
-	JMD	-	-

FIGURE NO.: 1



P:\2014\YunaJ\14-01 102-14(16) LIBERTY AVENUE\Task II Noise and Hazmat RAPs\Figures\JRH Site Plan.dwg

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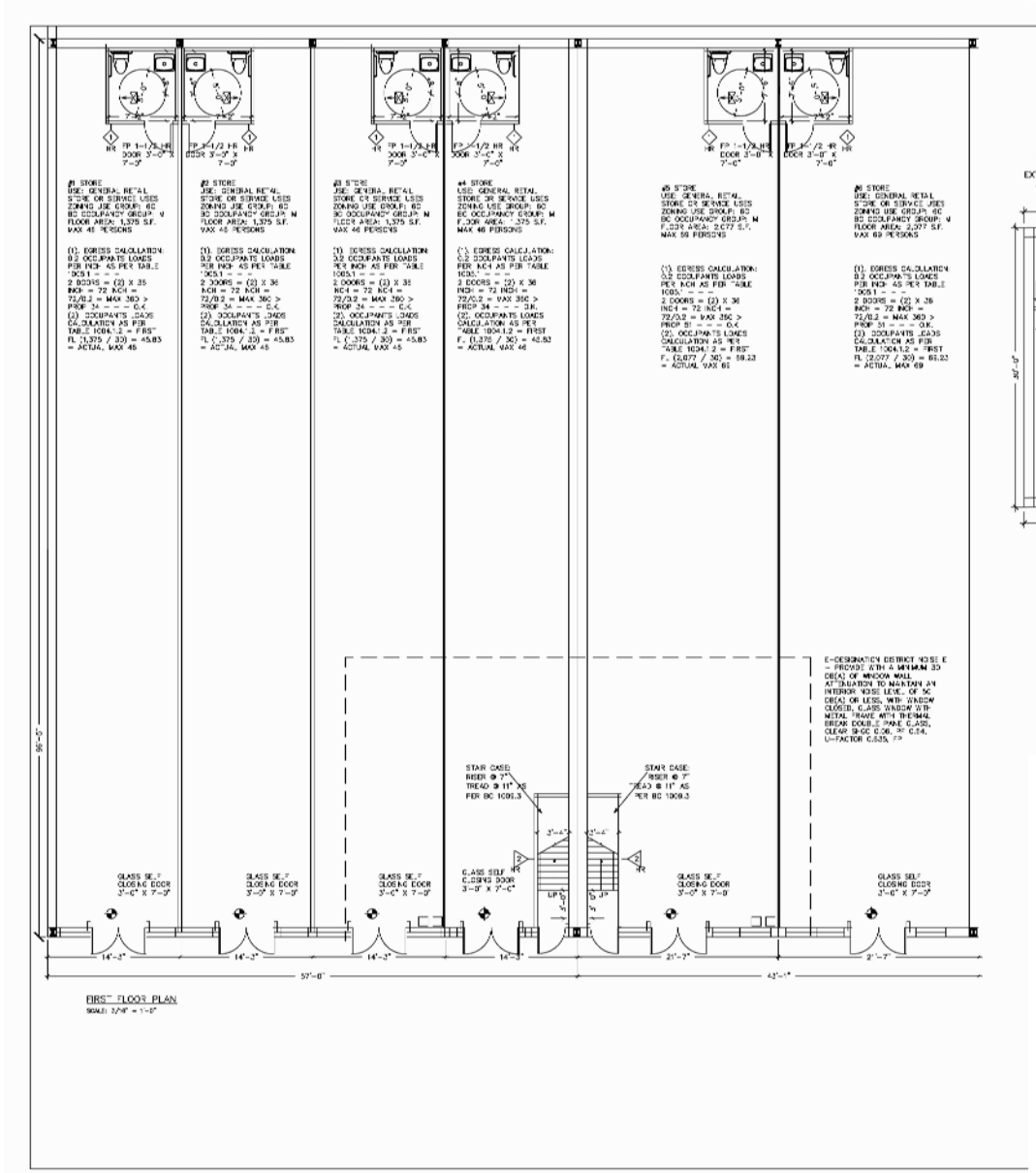
E-MAIL: info@holzmacher.com

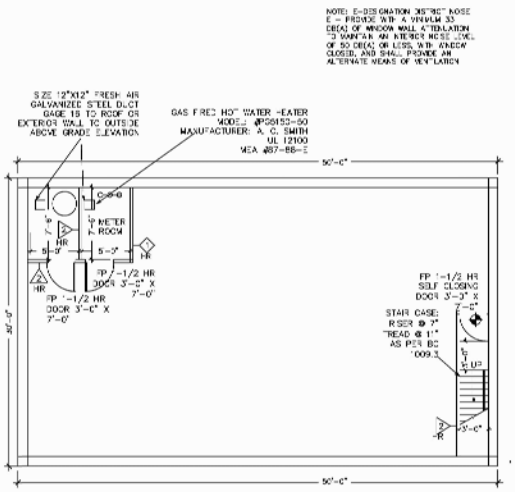
TITLE:

Site Boundary &Surrounding Land Usage Map

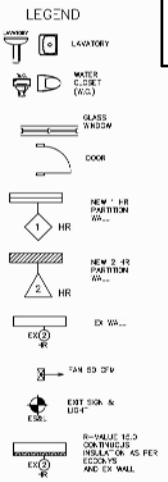
102-14 & 102-16 Liberty Ave
Ozone Park, NY 11417

DWN:	SCALE:	DATE:	PROJECT NO.:
BJH	1" = 30'	02/07/14	YunaJ 14-01
CHKD:	APPD:	REV.:	NOTES:
HVS	JMD	-	-
FIGURE NO.:			
2			





CELLAR PLAN
SCALE: 3/16" = 1'-0"



P:\2014\YunaJ\14-01 102-14(16) LIBERTY AVENUE\Task II Noise & Hazmat RAPs\Figures\JRH Site Plan.dwg

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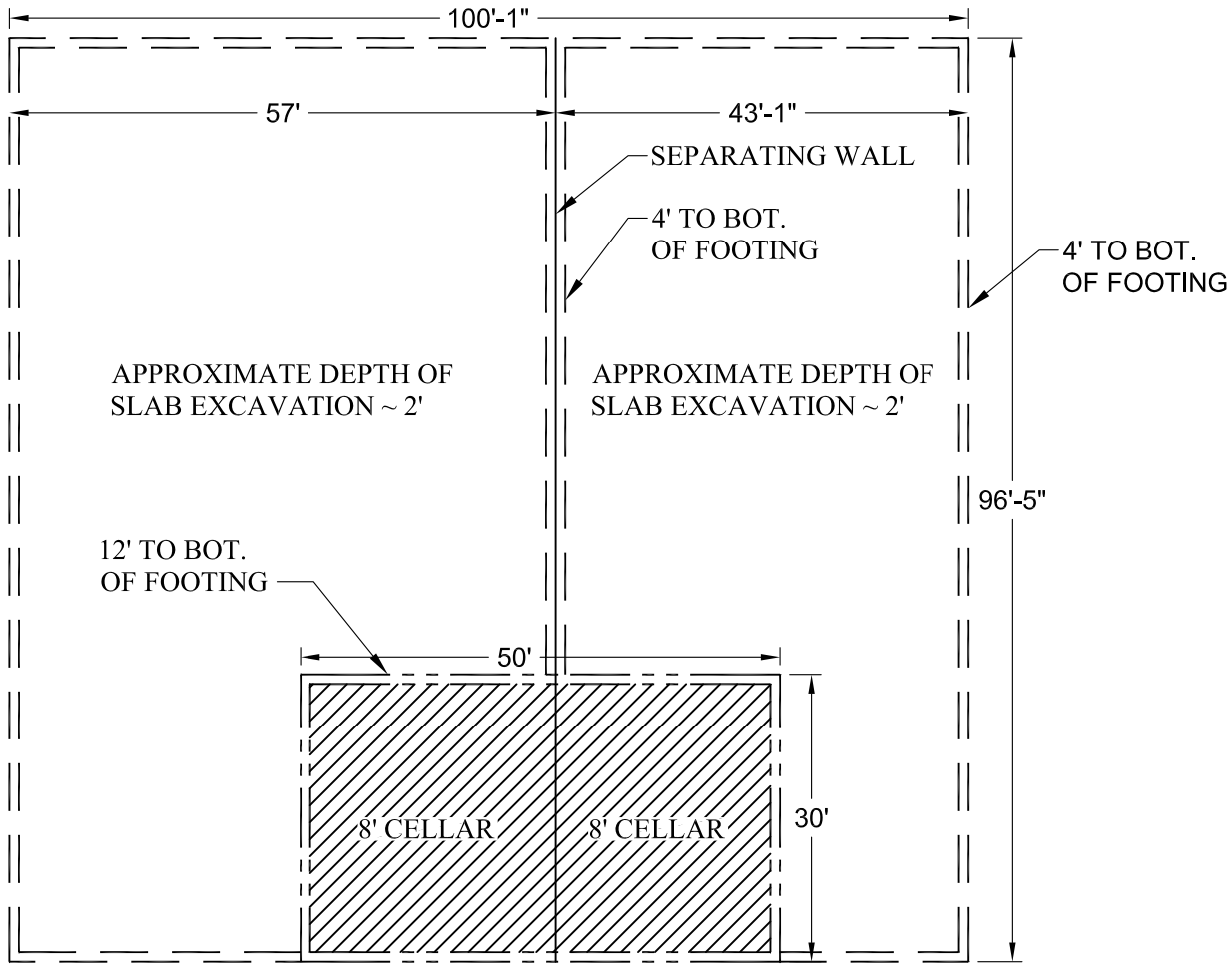
TITLE:

Proposed Site Development Plan

102-14 & 102-16 Liberty Ave
Ozone Park, NY 11417

DWN:	SCALE:	DATE:	PROJECT NO.:
DHC	1" = 20'	02/07/14	YunaJ 14-01
CHKD:	APPD:	REV.:	NOTES:
HVS	JMD	-	-
FIGURE NO.:			
3			



LEGEND

- 4' EXCAVATION
- 8' EXCAVATION
- 12' EXCAVATION

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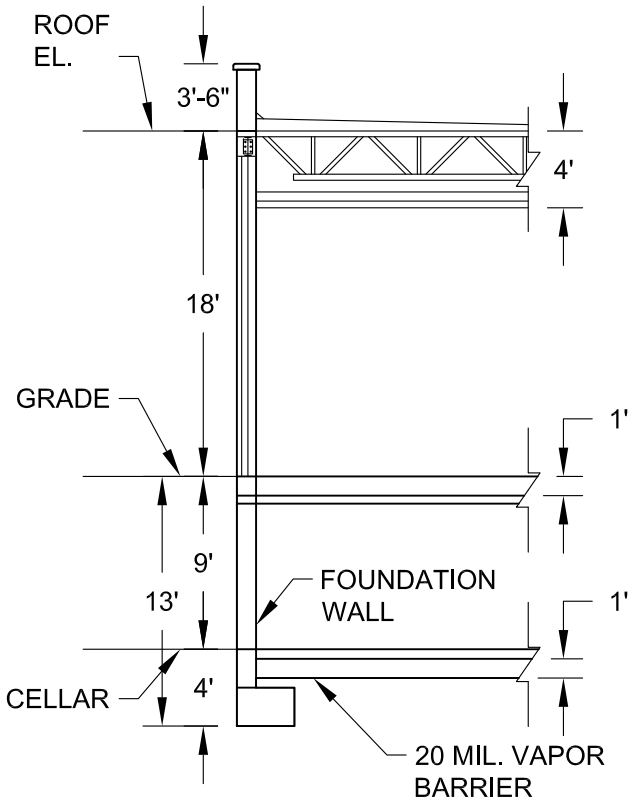
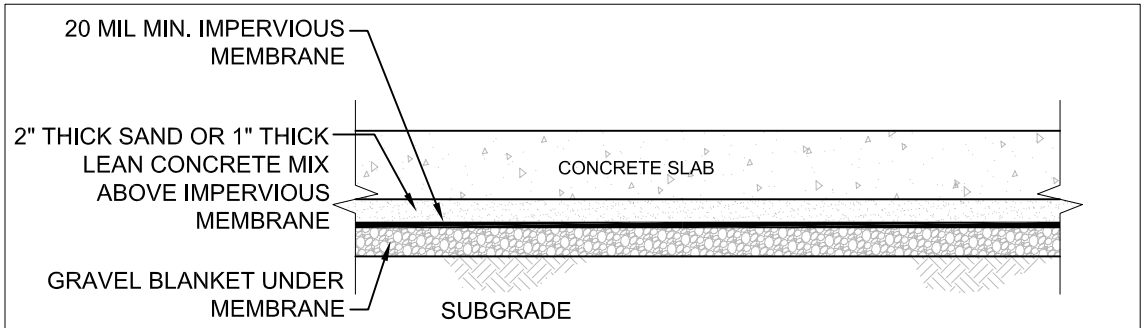
TITLE:

Planned Excavation Map

102-14 & 102-16 Liberty Ave
Ozone Park, NY 11417

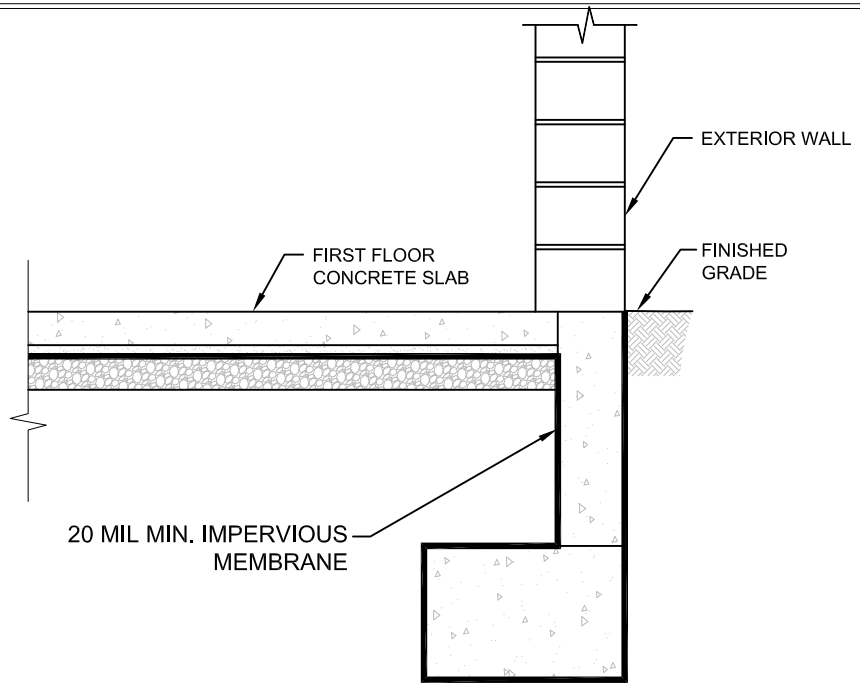
DWN:	SCALE:	DATE:	PROJECT NO.:
AA	1" = 20'	02/26/14	YunaJ 14-01
CHKD:	APPD:	REV.:	NOTES:
HVS	JMD	-	-
FIGURE NO.:			
4			





DETAIL 1 - TYPICAL MEMBRANE

SCALE: NTS



DETAIL 2 - SECTION AT EXTERIOR FOUNDATION WALL

SCALE: NTS

P:\2014\YunaJ\14-01 102-14(16) LIBERTY AVENUE\Task III Hazmat RAWP\CADD\FIGURE.dwg

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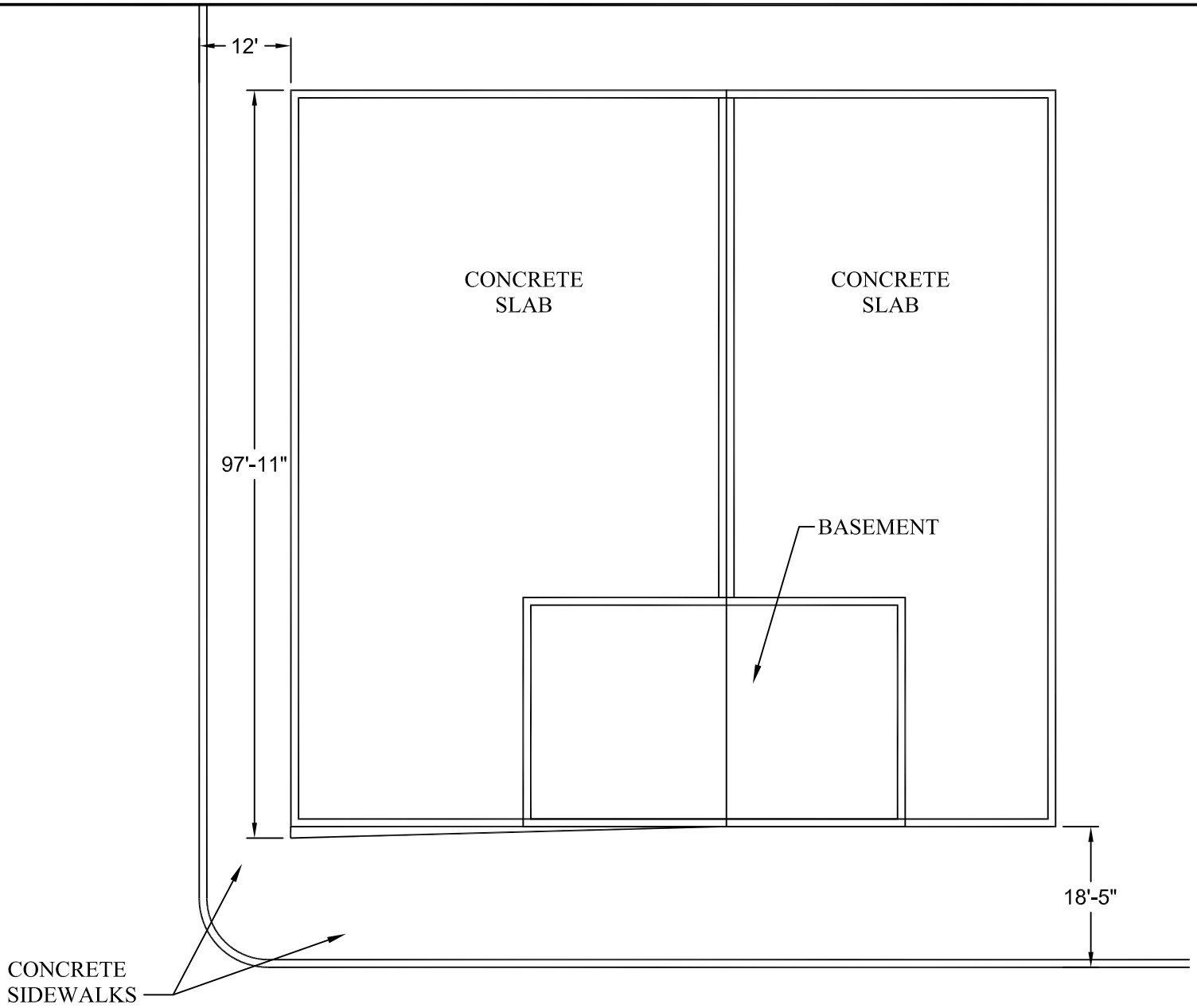
TITLE:

Remedial Cover Design

102-14 & 102-16 Liberty Ave
Ozone Park, NY 11417

DWN:	SCALE:	DATE:	PROJECT NO.:
AA	1" = 20'	02/26/14	YunaJ 14-01
CHKD:	APPD:	REV.:	NOTES:
HVS	JMD	-	-
FIGURE NO.:			
5A			



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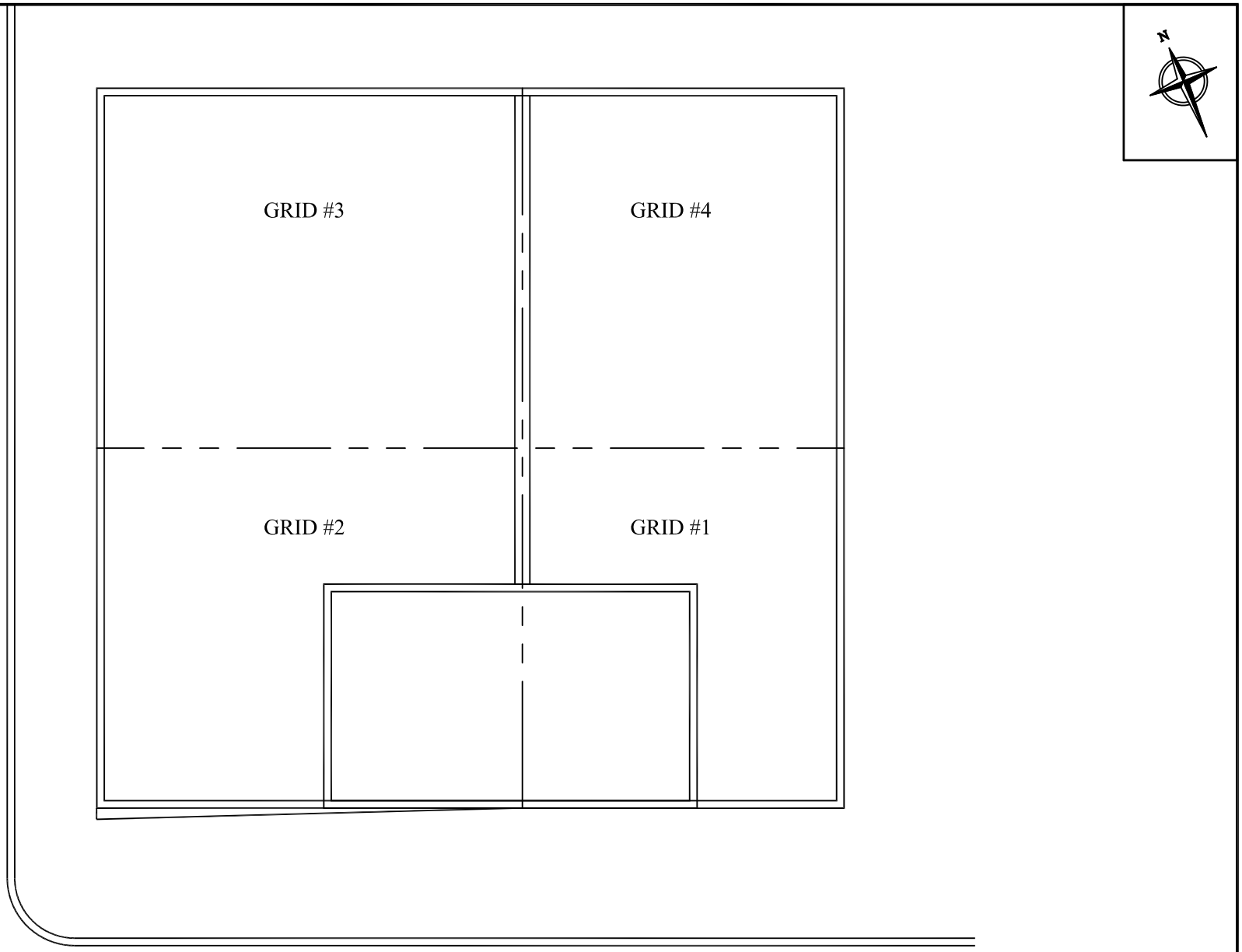
E-MAIL: info@holzmacher.com

TITLE:

Location Remedial Cover

102-14 & 102-16 Liberty Ave
Ozone Park, NY 11417

DWN:	SCALE:	DATE:	PROJECT NO.:
BJH	1" = 20'	02/26/14	YunaJ 14-01
CHKD:	APPD:	REV.:	NOTES:
HVS	JMD	-	-
FIGURE NO.:			
5B			



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SUITE A, RONKONKOMA, NY 11779
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E-MAIL: info@holzmacher.com

TITLE:

Grid Map

102-14 & 102-16 Liberty Ave
Ozone Park, NY 11417

DWN:	SCALE:	DATE:	PROJECT NO.:
AA	1" = 20'	02/26/14	YunaJ 14-01
CHKD:	APPD:	REV.:	NOTES:
HVS	JMD	-	-
FIGURE NO.:			
6			

TABLES

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
OER Project Number 14EH-N350Q

Volatile Organic Chemicals For Soils
EPA Method 8260
Table 1

Client SampleID:		**SCOs**	**SCOs**	**B-1**	**B-1**	**B-4**	**B-4**	**B-5**	**B-5**
Depth of Sample		**Unrestricted**	**Restricted Commerical**	**0-2'**	**9-11'**	**0-2'**	**13-15'**	**0-2'**	**3-5'**
Sampling Date:		**Track 1**	**Track 2**	**1/29/2014**	**1/29/2014**	**1/29/2014**	**1/29/2014**	**1/29/2014**	**1/29/2014**
Analyte	**Units**	**Limits**							
1,1,1,2-Tetrachloroethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	PPB	680	500000	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	PPB	270	240000	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	PPB	330	500000	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	PPB	NA	NA	ND	ND	ND	ND	ND	ND
1,2,4,5-Tetramethylbenzene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	PPB	3600	190000	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	PPB	NA	NA	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	PPB	1100	500000	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	PPB	20	30000	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	PPB	NA	NA	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	PPB	8400	190000	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	PPB	2400	280000	ND	ND	ND	ND	ND	ND
1,3-dichloropropane	PPB	NA	NA	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	PPB	1800	130000	ND	ND	ND	ND	ND	ND
1,4-Dioxane	PPB	100	130000	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	PPB	NA	NA	ND	ND	ND	ND	ND	ND
2-Butanone	PPB	120	500000	ND	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	PPB	NA	NA	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
2-Hexanone	PPB	NA	NA	ND	ND	ND	ND	ND	ND
2-Propanol	PPB	NA	NA	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
4-Isopropyltoluene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Acetone	PPB	50	500000	16B	4.1B	4.3B	4.5B	4.5B	4.7B
Benzene	PPB	60	44000	ND	ND	ND	ND	ND	ND
Bromobenzene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Bromochloromethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Bromodichloromethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Bromoform	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Bromomethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Carbon disulfide	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	PPB	760	22000	ND	ND	ND	ND	ND	ND
Chlorobenzene	PPB	1100	500000	2.1J	1J	ND	ND	ND	ND
Chlorodifluoromethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Chloroethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Chloroform	PPB	370	350000	ND	ND	ND	ND	ND	ND
Chloromethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	PPB	250	500000	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Cyclohexane	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Dibromochloromethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Dibromomethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Diisopropyl ether	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Ethanol	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Ethylbenzene	PPB	1000	390000	ND	ND	ND	ND	ND	ND
Freon-114	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Isopropylbenzene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
m,p-Xylene	PPB	260	500000	ND	ND	ND	ND	ND	ND
Methyl Acetate	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether	PPB	930	500000	ND	ND	ND	ND	ND	ND
Methylene chloride	PPB	50	500000	10B	8B	8.4B	8.6B	9.3B	9B
Naphthalene	PPB	12000	500000	ND	ND	ND	ND	ND	ND
n-Butylbenzene	PPB	12000	500000	ND	ND	ND	ND	ND	ND
n-Propylbenzene	PPB	3900	500000	ND	ND	ND	ND	ND	ND
o-Xylene	PPB	260	500000	ND	ND	ND	ND	ND	ND
p-Diethylbenzene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
p-Ethyltoluene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	PPB	11000	500000	ND	ND	ND	ND	ND	ND

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
OER Project Number 14EH-N350Q

Volatile Organic Chemicals For Soils
EPA Method 8260
Table 1

Client SampleID:		**SCOs**	**SCOs**	**B-1**	**B-1**	**B-4**	**B-4**	**B-5**	**B-5**
Depth of Sample		**Unrestricted**	**Restricted Commerical**	**0-2'**	**9-11'**	**0-2'**	**13-15'**	**0-2'**	**3-5'**
Sampling Date:		**Track 1**	**Track 2**	**1/29/2014**	**1/29/2014**	**1/29/2014**	**1/29/2014**	**1/29/2014**	**1/29/2014**
Analyte	**Units**	**Limits**							
Styrene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
t-Butyl alcohol	PPB	NA	NA	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	PPB	5900	500000	ND	ND	ND	ND	ND	ND
Tetrachloroethene	PPB	1300	150000	ND	ND	ND	ND	ND	ND
Toluene	PPB	700	500000	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	PPB	190	500000	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Trichloroethene	PPB	470	200000	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Vinyl acetate	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Vinyl chloride	PPB	20	13000	ND	ND	ND	ND	ND	ND

Notes:
ND - Not detected
Objectives as per NYSDEC Part 375-6.8(b)
J- Laboratory Estimated Concentration
B- Detected in Blank
NA- Not Available

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
OER Project Number 14EH-N350Q

Volatile Organic Chemicals For Soils
EPA Method 8260
Table 1

Client SampleID:		**SCOs**	**SCOs**	**B-2**	**B-2**	**B-3**	**B-3**	**B-6**	**B-6**	**B-7**	**B-7**
Depth of Sample		**Unrestricted**	**Restricted Commerical**	**0-2'**	**4-6'**	**0-2'**	**4-6'**	**0-2'**	**4-6'**	**0-2'**	**3-5'**
Sampling Date:		**Track 1**	**Track 2**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**
Analyte	**Units**	**Limits**									
1,1,1,2-Tetrachloroethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	PPB	680	500000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	PPB	270	240000	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	PPB	330	500000	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4,5-Tetramethylbenzene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	PPB	3600	190000	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	PPB	1100	500000	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	PPB	20	30000	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	PPB	8400	190000	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	PPB	2400	280000	ND	ND	ND	ND	ND	ND	ND	ND
1,3-dichloropropane	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	PPB	1800	130000	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	PPB	100	130000	ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	PPB	120	500000	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
2-Propanol	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
4-Isopropyltoluene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	PPB	50	500000	5.8B	5.3B	6.1B	6.1B	7.2B	7.5B	10B	5.5B
Benzene	PPB	60	44000	ND	ND	ND	ND	ND	ND	ND	ND
Bromobenzene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	PPB	760	22000	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	PPB	1100	500000	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodifluoromethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	PPB	370	350000	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	PPB	250	500000	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Diisopropyl ether	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Ethanol	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	PPB	1000	390000	ND	ND	ND	ND	ND	ND	ND	ND
Freon-114	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
m,p-Xylene	PPB	260	500000	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Acetate	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether	PPB	930	500000	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	PPB	50	500000	9.2B	8.7B	9.1B	8.9B	11B	9.3B	11B	8.9B
Naphthalene	PPB	12000	500000	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	PPB	12000	500000	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	PPB	3900	500000	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	PPB	260	500000	ND	ND	ND	ND	ND	ND	ND	ND
p-Diethylbenzene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
p-Ethyltoluene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	PPB	11000	500000	ND	ND	ND	ND	ND	ND	ND	ND

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
OER Project Number 14EH-N350Q

Volatile Organic Chemicals For Soils
EPA Method 8260
Table 1

Client SampleID:		**SCOs**	**SCOs**	**B-2**	**B-2**	**B-3**	**B-3**	**B-6**	**B-6**	**B-7**	**B-7**
Depth of Sample		**Unrestricted**	**Restricted Commerical**	**0-2'**	**4-6'**	**0-2'**	**4-6'**	**0-2'**	**4-6'**	**0-2'**	**3-5'**
Sampling Date:		**Track 1**	**Track 2**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**
Analyte	**Units**	**Limits**									
Styrene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
t-Butyl alcohol	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	PPB	5900	500000	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	PPB	1300	150000	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	PPB	700	500000	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	PPB	190	500000	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	PPB	470	200000	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	PPB	20	13000	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
ND - Not detected
Objectives as per NYSDEC Part 375-6.8(b)
J- Laboratory Estimated Concentration
B- Detected in Blank
NA- Not Available

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
OER Project Number 14EH-N350Q

Semi-Volatile Organic Chemicals For Soils
EPA Method 8270
Table 2

Client SampleID:		**SCOs**	**SCOs**	**B-1**	**B-1**	**B-4**	**B-4**	**B-5**	**B-5**
Depth of Sample		**Unrestricted**	**Restricted Commerical**	**0-2'**	**9-11'**	**0-2'**	**13-15'**	**0-2'**	**3-5'**
Sampling Date:		**Track 1**	**Track 2**	**1/29/2014**	**1/29/2014**	**1/29/2014**	**1/29/2014**	**1/29/2014**	**1/29/2014**
Analyte	**Units**	**Limits**							
1,2,4-Trichlorobenzene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	PPB	1100	500000	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	PPB	2400	280000	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	PPB	1800	130000	ND	ND	ND	ND	ND	ND
2,3,4,6-Tetrachlorophenol	PPB	NA	NA	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	PPB	NA	NA	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	PPB	NA	NA	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	PPB	NA	NA	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	PPB	NA	NA	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	PPB	NA	NA	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
2-Chlorophenol	PPB	NA	NA	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
2-Methylphenol	PPB	330	500000	ND	ND	ND	ND	ND	ND
2-Nitroaniline	PPB	NA	NA	ND	ND	ND	ND	ND	ND
2-Nitrophenol	PPB	NA	NA	ND	ND	ND	ND	ND	ND
3,3´-Dichlorobenzidine	PPB	NA	NA	ND	ND	ND	ND	ND	ND
3+4-Methylphenol	PPB	330	500000	ND	ND	ND	ND	ND	ND
3-Nitroaniline	PPB	NA	NA	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	PPB	NA	NA	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenyl ether	PPB	NA	NA	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	PPB	NA	NA	ND	ND	ND	ND	ND	ND
4-Chloroaniline	PPB	NA	NA	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenyl ether	PPB	NA	NA	ND	ND	ND	ND	ND	ND
4-Nitroaniline	PPB	NA	NA	ND	ND	ND	ND	ND	ND
4-Nitrophenol	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Acenaphthene	PPB	20000	500000	ND	ND	ND	ND	ND	ND
Acenaphthylene	PPB	100000	500000	77J	ND	ND	ND	ND	ND
Acetophenone	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Aniline	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Anthracene	PPB	100000	500000	88J	ND	ND	ND	ND	ND
Atrazine	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Azobenzene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Benzaldehyde	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Benzidine	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	PPB	1000	5600	400	ND	ND	ND	ND	ND
Benzo(a)pyrene	PPB	1000	1000	390	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	PPB	1000	5600	390	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	PPB	100000	500000	260J	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	PPB	800	56000	310	ND	ND	ND	ND	ND
Benzoic acid	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Benzyl alcohol	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Biphenyl	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Caprolactam	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Carbazole	PPB	NA	NA	35J	ND	ND	ND	ND	ND
Chrysene	PPB	1000	56000	400	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	PPB	330	560	67J	ND	ND	ND	ND	ND
Dibenzofuran	PPB	7000	350000	ND	ND	ND	ND	ND	ND
Diethyl phthalate	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Fluoranthene	PPB	100000	500000	780	ND	ND	ND	ND	ND
Fluorene	PPB	30000	500000	43J	ND	ND	ND	ND	ND
Hexachlorobenzene	PPB	330	6000	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	PPB	NA	NA	ND	ND	ND	ND	ND	ND

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
OER Project Number 14EH-N350Q

Semi-Volatile Organic Chemicals For Soils
EPA Method 8270
Table 2

Client SampleID:		**SCOs**	**SCOs**	**B-1**	**B-1**	**B-4**	**B-4**	**B-5**	**B-5**
Depth of Sample		**Unrestricted**	**Restricted Commerical**	**0-2'**	**9-11'**	**0-2'**	**13-15'**	**0-2'**	**3-5'**
Sampling Date:		**Track 1**	**Track 2**	**1/29/2014**	**1/29/2014**	**1/29/2014**	**1/29/2014**	**1/29/2014**	**1/29/2014**
Analyte	**Units**	**Limits**							
Hexachloroethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	PPB	500	5600	310	ND	ND	ND	ND	ND
Isophorone	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Naphthalene	PPB	12000	500000	ND	ND	ND	ND	ND	ND
Nitrobenzene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
N-Nitrosodimethylamine	PPB	NA	NA	ND	ND	ND	ND	ND	ND
N-Nitrosodi-n-propylamine	PPB	NA	NA	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Parathion	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Pentachlorophenol	PPB	800	6700	ND	ND	ND	ND	ND	ND
Phenanthrene	PPB	100000	500000	360	ND	ND	ND	ND	ND
Phenol	PPB	330	500000	ND	ND	ND	ND	ND	ND
Pyrene	PPB	100000	500000	700	ND	ND	ND	ND	ND
Pyridine	PPB	NA	NA	ND	ND	ND	ND	ND	ND

Notes:
ND - Not detected
Objectives as per NYSDEC Part 375-6.8(b)
J- Laboratory Estimated Concentration
B- Detected in Blank
NA- Not Available

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
OER Project Number 14EH-N350Q

Semi-Volatile Organic Chemicals For Soils
EPA Method 8270
Table 2

Client SampleID:		**SCOs**	**SCOs**	**B-2**	**B-2**	**B-3**	**B-3**	**B-6**	**B-6**	**B-7**	**B-7**
Depth of Sample		**Unrestricted**	**Restricted Commerical**	**0-2'**	**4-6'**	**0-2'**	**4-6'**	**0-2'**	**4-6'**	**0-2'**	**3-5'**
Sampling Date:		**Track 1**	**Track 2**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**
Analyte	**Units**	**Limits**									
1,2,4-Trichlorobenzene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	PPB	1100	500000	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	PPB	2400	280000	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	PPB	1800	130000	ND	ND	ND	ND	ND	ND	ND	ND
2,3,4,6-Tetrachlorophenol	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	37J	ND
2-Methylphenol	PPB	330	500000	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
3,3´-Dichlorobenzidine	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
3+4-Methylphenol	PPB	330	500000	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenyl ether	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenyl ether	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	PPB	20000	500000	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	PPB	100000	500000	ND	ND	ND	ND	ND	ND	ND	ND
Acetophenone	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Aniline	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	PPB	100000	500000	ND	ND	ND	ND	ND	ND	45J	ND
Atrazine	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Azobenzene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Benzaldehyde	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	PPB	1000	5600	ND	ND	33J	ND	ND	ND	190J	ND
Benzo(a)pyrene	PPB	1000	1000	ND	ND	ND	ND	ND	ND	160J	ND
Benzo(b)fluoranthene	PPB	1000	5600	ND	ND	36J	ND	ND	ND	190J	ND
Benzo(g,h,i)perylene	PPB	100000	500000	ND	ND	ND	ND	ND	ND	130J	ND
Benzo(k)fluoranthene	PPB	800	56000	ND	ND	ND	ND	ND	ND	160J	ND
Benzoic acid	PPB	NA	NA	ND	ND	ND	ND	ND	ND	110J	ND
Benzyl alcohol	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Biphenyl	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	PPB	NA	NA	ND	ND	ND	ND	ND	61J	43J	ND
Butyl benzyl phthalate	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Caprolactam	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	PPB	1000	56000	ND	ND	44J	ND	ND	ND	240J	ND
Dibenzo(a,h)anthracene	PPB	330	560	ND	ND	ND	ND	ND	ND	31J	ND
Dibenzofuran	PPB	7000	350000	ND	ND	ND	ND	ND	ND	29J	ND
Diethyl phthalate	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	PPB	100000	500000	ND	ND	59J	ND	ND	ND	410	ND
Fluorene	PPB	30000	500000	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	PPB	330	6000	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
OER Project Number 14EH-N350Q

Semi-Volatile Organic Chemicals For Soils
EPA Method 8270
Table 2

Client SampleID:		**SCOs**	**SCOs**	**B-2**	**B-2**	**B-3**	**B-3**	**B-6**	**B-6**	**B-7**	**B-7**
Depth of Sample		**Unrestricted**	**Restricted Commerical**	**0-2'**	**4-6'**	**0-2'**	**4-6'**	**0-2'**	**4-6'**	**0-2'**	**3-5'**
Sampling Date:		**Track 1**	**Track 2**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**
Analyte	**Units**	**Limits**									
Hexachloroethane	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	PPB	500	5600	ND	ND	ND	ND	ND	ND	150J	ND
Isophorone	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	PPB	12000	500000	ND	ND	ND	ND	ND	ND	92J	ND
Nitrobenzene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodimethylamine	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodi-n-propylamine	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Parathion	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	PPB	800	6700	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	PPB	100000	500000	ND	ND	35J	ND	ND	ND	240J	ND
Phenol	PPB	330	500000	ND	ND	ND	ND	ND	ND	67J	ND
Pyrene	PPB	100000	500000	ND	ND	48J	ND	ND	ND	360	ND
Pyridine	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
ND - Not detected
Objectives as per NYSDEC Part 375-6.8(b)
J- Laboratory Estimated Concentration
B- Detected in Blank
NA- Not Available

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
OER Project Number 14EH-N350Q

Pesticides Method 8081
Table 3

Client SampleID:		**SCOs**	**SCOs**	**B-1**	**B-1**	**B-4**	**B-4**	**B-5**	**B-5**
Depth of Sample		**Unrestricted**	**Restricted Commerical**	**0-2'**	**9-11'**	**0-2'**	**13-15'**	**0-2'**	**3-5'**
Sampling Date:		**Track 1**	**Track 2**	**1/29/2014**	**1/29/2014**	**1/29/2014**	**1/29/2014**	**1/29/2014**	**1/29/2014**
Analyte	**Units**	**Limits**							
4,4´-DDD	PPB	3.3	92000	ND	ND	ND	ND	ND	ND
4,4´-DDE	PPB	3.3	62000	ND	ND	ND	ND	ND	ND
4,4´-DDT	PPB	3.3	47000	ND	ND	ND	ND	ND	ND
Aldrin	PPB	5	680	ND	ND	ND	ND	ND	ND
alpha-BHC	PPB	20	3400	ND	ND	ND	ND	ND	ND
beta-BHC	PPB	36	3000	ND	ND	ND	ND	ND	ND
Chlordane	PPB	94	24000	ND	ND	ND	ND	ND	ND
Chlorobenzilate	PPB	NA	NA	ND	ND	ND	ND	ND	ND
DBCP	PPB	NA	NA	ND	ND	ND	ND	ND	ND
delta-BHC	PPB	40	500000	ND	ND	ND	ND	ND	ND
Dieldrin	PPB	5	1400	ND	ND	ND	ND	ND	ND
Endosulfan I	PPB	2400	200000	ND	ND	ND	ND	ND	ND
Endosulfan II	PPB	2400	200000	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	PPB	2400	200000	ND	ND	ND	ND	ND	ND
Endrin	PPB	14	89000	ND	ND	ND	ND	ND	ND
Endrin aldehyde	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Endrin ketone	PPB	NA	NA	ND	ND	ND	ND	ND	ND
gamma-BHC	PPB	100	9200	ND	ND	ND	ND	ND	ND
Heptachlor	PPB	42	15000	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	PPB	NA	NA	ND	ND	1.2J	1.J2	ND	ND
Hexachlorobenzene	PPB	330	6000	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Methoxychlor	PPB	NA	NA	ND	ND	ND	ND	ND	ND
Toxaphene	PPB	NA	NA	ND	ND	ND	ND	ND	ND

Notes:
ND - Not detected
Objectives as per NYSDEC Part 375-6.8(b)
NA- Not Available

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
OER Project Number 14EH-N350Q

Pesticides Method 8081
Table 3

Client SampleID:		**SCOs**	**SCOs**	**B-2**	**B-2**	**B-3**	**B-3**	**B-6**	**B-6**	**B-7**	**B-7**
Depth of Sample		**Unrestricted**	**Restricted Commerical**	**0-2'**	**4-6'**	**0-2'**	**4-6'**	**0-2'**	**4-6'**	**0-2'**	**3-5'**
Sampling Date:		**Track 1**	**Track 2**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**
Analyte	**Units**	**Limits**									
4,4´-DDD	PPB	3.3	92000	ND	ND	ND	ND	ND	ND	1.2J	ND
4,4´-DDE	PPB	3.3	62000	ND	ND	ND	ND	ND	ND	ND	ND
4,4´-DDT	PPB	3.3	47000	ND	ND	ND	ND	ND	ND	ND	ND
Aldrin	PPB	5	680	ND	ND	ND	ND	ND	ND	ND	ND
alpha-BHC	PPB	20	3400	ND	ND	ND	ND	ND	ND	ND	ND
beta-BHC	PPB	36	3000	ND	ND	ND	ND	ND	ND	ND	ND
Chlordane	PPB	94	24000	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzilate	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
DBCP	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
delta-BHC	PPB	40	500000	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	PPB	5	1400	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan I	PPB	2400	200000	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan II	PPB	2400	200000	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	PPB	2400	200000	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	PPB	14	89000	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Endrin ketone	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
gamma-BHC	PPB	100	9200	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	PPB	42	15000	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	PPB	330	6000	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	PPB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
ND - Not detected
Objectives as per NYSDEC Part 375-6.8(b)
NA- Not Available

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
OER Project Number 14EH-N350Q

PCBs Method 8082
Table 4

Client SampleID:		**SCOs**	**SCOs**	**B-1**	**B-1**	**B-4**	**B-4**	**B-5**	**B-5**
Depth of Sample		**Unrestricted**	**Restricted Commerical**	**0-2'**	**9-11'**	**0-2'**	**13-15'**	**0-2'**	**3-5'**
Sampling Date:		**Track 1**	**Track 2**	**1/29/2014**	**1/29/2014**	**1/29/2014**	**1/29/2014**	**1/29/2014**	**1/29/2014**
Analyte	**Units**	**Limits**							
Aroclor 1016	PPB	100	1000	ND	ND	ND	ND	ND	ND
Aroclor 1221	PPB	100	1000	ND	ND	ND	ND	ND	ND
Aroclor 1232	PPB	100	1000	ND	ND	ND	ND	ND	ND
Aroclor 1242	PPB	100	1000	ND	ND	ND	ND	ND	ND
Aroclor 1248	PPB	100	1000	ND	ND	ND	ND	ND	ND
Aroclor 1254	PPB	100	1000	ND	ND	ND	ND	ND	ND
Aroclor 1260	PPB	100	1000	ND	ND	ND	ND	ND	ND
Aroclor 1262	PPB	100	1000	ND	ND	ND	ND	ND	ND
Aroclor 1268	PPB	100	1000	ND	ND	ND	ND	ND	ND

Notes:
All results in ppb
ND - Not detected

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
OER Project Number 14EH-N350Q

PCBs Method 8082
Table 4

Client SampleID:		**SCOs**	**SCOs**	**B-2**	**B-2**	**B-3**	**B-3**	**B-6**	**B-6**	**B-7**	**B-7**
Depth of Sample		**Unrestricted**	**Restricted Commerical**	**0-2'**	**4-6'**	**0-2'**	**4-6'**	**0-2'**	**4-6'**	**0-2'**	**3-5'**
Sampling Date:		**Track 1**	**Track 2**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**
Analyte	**Units**	**Limits**									
Aroclor 1016	PPB	100	1000	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1221	PPB	100	1000	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1232	PPB	100	1000	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1242	PPB	100	1000	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1248	PPB	100	1000	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1254	PPB	100	1000	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1260	PPB	100	1000	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1262	PPB	100	1000	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1268	PPB	100	1000	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
All results in ppb
ND - Not detected

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
OER Project Number 14EH-N350Q

TAL Metals Analysis
Table 5

Client SampleID:		**SCOs**	**SCOs**	**B-1**	**B-1**	**B-4**	**B-4**	**B-5**	**B-5**
Depth of Sample		**Unrestricted**	**Restricted Commerical**	**0-2'**	**9-11'**	**0-2'**	**13-15'**	**0-2'**	**3-5'**
Sampling Date:		**Track 1**	**Track 2**	**1/29/2014**	**1/29/2014**	**1/29/2014**	**1/29/2014**	**1/29/2014**	**1/29/2014**
Analyte	**Units**	**Limits**							
Aluminum	PPM	NA	NA	9990	2260	3880	1930	9910	2370
Antimony	PPM	NA	NA	ND	ND	ND	ND	ND	ND
Arsenic	PPM	13	16	3.87	1.07	1.42	0.884	3.3	0.843
Barium	PPM	350	400	76.3	21.9	17.4	18.8	35.5	10.8
Beryllium	PPM	7.2	590	ND	ND	ND	ND	ND	ND
Cadmium	PPM	2.5	9.3	0.176J	ND	ND	ND	ND	ND
Calcium	PPM	NA	NA	2480	259	331	250	726	247
Chromium	PPM	30	1500	18.5	9.53	10.9	7.91	18	7.24
Cobalt	PPM	NA	NA	ND	ND	ND	ND	ND	ND
Copper	PPM	50	270	21.2	6.08	9.49	5.8	11.4	6.53
Iron	PPM	NA	NA	11500	10500	11100	10600	12800	7490
Lead	PPM	63	1000	**146**	2.75	3.32	2.64	12.1	2.17
Magnesium	PPM	NA	NA	2500	780	1210	628	1600	628
Manganese	PPM	1600	10000	193	244	233	229	214	160
Mercury	PPM	0.18	2.8	0.101	ND	ND	ND	0.0329	ND
Nickel	PPM	30	310	10.4	6.76	8.87	6.13	9.64	5.08
Potassium	PPM	NA	NA	850	503	592	388	740	294
Selenium	PPM	3.9	1500	ND	ND	ND	ND	ND	ND
Silver	PPM	2	1500	0.114J	ND	ND	ND	ND	ND
Sodium	PPM	NA	NA	98.3	28.8	28	26.2	55.5	19.3
Thallium	PPM	NA	NA	0.643	ND	0.382J	ND	0.5J	ND
Vanadium	PPM	NA	NA	24.6	10.1	16.4	11.5	24.5	9.33
Zinc	PPM	109	10000	82.2	10.3	14	10.4	29.2	8.95

Notes:
All results in ppm
ND - Not detected
NA- Not Available

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
OER Project Number 14EH-N350Q

TAL Metals Analysis
Table 5

Client SampleID:		**SCOs**	**SCOs**	**B-2**	**B-2**	**B-3**	**B-3**	**B-6**	**B-6**	**B-7**	**B-7**
Depth of Sample		**Unrestricted**	**Restricted Commerical**	**0-2'**	**4-6'**	**0-2'**	**4-6'**	**0-2'**	**4-6'**	**0-2'**	**3-5'**
Sampling Date:		**Track 1**	**Track 2**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**
Analyte	**Units**	**Limits**									
Aluminum	PPM	NA	NA	16400	3030	13900	2750	11100	2440	11600	3000
Antimony	PPM	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	PPM	13	16	3.65	1.13	4.39	0.857	3.36	1.06	6.69	1.16
Barium	PPM	350	400	39.2	16.2	47.1	12.9	73.9	15.6	116	13.4
Beryllium	PPM	7.2	590	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	PPM	2.5	9.3	ND	ND	ND	ND	ND	ND	0.41J	ND
Calcium	PPM	NA	NA	1200	389	5580	695	1590	3850	2890	249
Chromium	PPM	30	1500	19.9	10.4	17.7	8.83	17.4	12	17.8	8.53
Cobalt	PPM	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Copper	PPM	50	270	15.9	9.88	20	6.52	10.6	8.39	39.9	6.88
Iron	PPM	NA	NA	16400	11000	15500	7950	13400	7770	15100	10200
Lead	PPM	63	1000	16.6	2.87	**63.7**	2.99	15.5	4.33	**194**	4.5
Magnesium	PPM	NA	NA	1970	961	4090	1100	2030	2690	2550	869
Manganese	PPM	1600	10000	183	262	216	165	478	191	347	181
Mercury	PPM	0.18	2.8	0.0181	ND	0.0186	ND	0.0208	ND	**0.211**	0.00803J
Nickel	PPM	30	310	11.6	7.56	11.2	7.37	11.3	6.72	13.5	6.31
Potassium	PPM	NA	NA	859	354	878	340	659	461	728	346
Selenium	PPM	3.9	1500	ND	ND	0.269J	ND	0.365J	ND	0.416J	ND
Silver	PPM	2	1500	ND	ND	ND	ND	ND	ND	0.165J	ND
Sodium	PPM	NA	NA	61.1	34.3	73.5	29.3	118	50.8	121	23.4
Thallium	PPM	NA	NA	1.19	0.431J	1.02	0.412J	1.03	0.346J	0.66	0.434J
Vanadium	PPM	NA	NA	27	14.9	25.8	9.19	24.5	10.7	24.4	12.4
Zinc	PPM	109	10000	39	15	54.2	12	31.7	13.1	**144**	11.5

Notes:
All results in ppm
ND - Not detected
NA- Not Available

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
OER Project Number 14EH-N350Q

Volatile Organic Chemicals for Groundwater
EPA Method 8260
Table 6

Client SampleID:		**NYS Groundwater Standards**	**MW-1**	**MW-2**	**MW-3**	**Trip Blank**	**Field Blank**
Sampling Date:			**2/4/2014**	**2/4/2014**	**2/4/2014**	**2/4/2014**	**2/4/2014**
Analyte	**Units**	**Limits**					
1,1,1,2-Tetrachloroethane	PPB	5	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	PPB	5	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	PPB	0.2	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	PPB	1	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	PPB	5	ND	ND	ND	ND	ND
1,1-Dichloroethane	PPB	5	ND	ND	ND	ND	ND
1,1-Dichloroethene	PPB	5	ND	ND	ND	ND	ND
1,1-Dichloropropene	PPB	5	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	PPB	5	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	PPB	0.4	ND	ND	ND	ND	ND
1,2,4,5-Tetramethylbenzene	PPB	5	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	PPB	5	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	PPB	5	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	PPB	0.04	ND	ND	ND	ND	ND
1,2-Dibromoethane	PPB	5	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	PPB	3	ND	ND	ND	ND	ND
1,2-Dichloroethane	PPB	0.6	ND	ND	ND	ND	ND
1,2-Dichloropropane	PPB	5	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	PPB	5	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	PPB	3	ND	ND	ND	ND	ND
1,3-dichloropropane	PPB	0.4	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	PPB	3	ND	ND	ND	ND	ND
1,4-Dioxane	PPB	50*	ND	ND	ND	ND	ND
2,2-Dichloropropane	PPB	5	ND	ND	ND	ND	ND
2-Butanone	PPB	50*	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	PPB	50*	ND	ND	ND	ND	ND
2-Chlorotoluene	PPB	5	ND	ND	ND	ND	ND
2-Hexanone	PPB	50*	ND	ND	ND	ND	ND
2-Propanol	PPB	7	ND	ND	ND	ND	ND
4-Chlorotoluene	PPB	5	ND	ND	ND	ND	ND
4-Isopropyltoluene	PPB	5	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	PPB	50*	ND	ND	ND	ND	ND
Acetone	PPB	50*	6.3B	6.4B	5.6B	5.9B	5.5B
Benzene	PPB	1	ND	ND	ND	ND	ND
Bromobenzene	PPB	5	ND	ND	ND	ND	ND
Bromochloromethane	PPB	5	ND	ND	ND	ND	ND
Bromodichloromethane	PPB	50*	ND	ND	ND	ND	ND
Bromoform	PPB	50*	ND	ND	ND	ND	ND
Bromomethane	PPB	5	ND	ND	ND	ND	ND
Carbon disulfide	PPB	50*	ND	ND	ND	ND	ND
Carbon tetrachloride	PPB	5	ND	ND	ND	ND	ND
Chlorobenzene	PPB	5	ND	ND	ND	ND	ND
Chlorodifluoromethane	PPB	50*	ND	ND	ND	ND	ND
Chloroethane	PPB	5	ND	ND	ND	ND	ND
Chloroform	PPB	7	ND	ND	**8.5**	ND	ND
Chloromethane	PPB	5	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	PPB	5	ND	ND	ND	ND	ND

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
OER Project Number 14EH-N350Q

Volatile Organic Chemicals for Groundwater
EPA Method 8260
Table 6

Client SampleID:		**NYS Groundwater Standards**	**MW-1**	**MW-2**	**MW-3**	**Trip Blank**	**Field Blank**
Sampling Date:			**2/4/2014**	**2/4/2014**	**2/4/2014**	**2/4/2014**	**2/4/2014**
Analyte	**Units**	**Limits**					
cis-1,3-Dichloropropene	PPB	0.4**	ND	ND	ND	ND	ND
Cyclohexane	PPB		ND	ND	ND	ND	ND
Dibromochloromethane	PPB	5	ND	ND	ND	ND	ND
Dibromomethane	PPB	5	ND	ND	ND	ND	ND
Dichlorodifluoromethane	PPB	5	ND	ND	ND	ND	ND
Diisopropyl ether	PPB	50*	ND	ND	ND	ND	ND
Ethanol	PPB	50*	ND	ND	ND	ND	ND
Ethylbenzene	PPB	5	ND	ND	ND	ND	ND
Freon-114	PPB	50*	ND	ND	ND	ND	ND
Hexachlorobutadiene	PPB	0.5	ND	ND	ND	ND	ND
Isopropylbenzene	PPB	5	ND	ND	ND	ND	ND
m,p-Xylene	PPB	5	ND	ND	ND	ND	ND
Methyl Acetate	PPB	50*	ND	ND	ND	ND	ND
Methyl tert-butyl ether	PPB	10	ND	ND	ND	ND	ND
Methylene chloride	PPB	5	**7.6B**	**7.8B**	**7.3B**	**6.9B**	**6.7B**
Naphthalene	PPB	10	ND	ND	ND	ND	ND
n-Butylbenzene	PPB	5	ND	ND	ND	ND	ND
n-Propylbenzene	PPB	5	ND	ND	ND	ND	ND
o-Xylene	PPB	5	ND	ND	ND	ND	ND
p-Diethylbenzene	PPB	50*	ND	ND	ND	ND	ND
p-Ethyltoluene	PPB	50*	ND	ND	ND	ND	ND
sec-Butylbenzene	PPB	5	ND	ND	ND	ND	ND
Styrene	PPB	5	ND	ND	ND	ND	ND
t-Butyl alcohol	PPB	50*	ND	ND	ND	ND	ND
tert-Butylbenzene	PPB	5	ND	ND	ND	ND	ND
Tetrachloroethene	PPB	5	ND	ND	ND	ND	ND
Toluene	PPB	5	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	PPB	5	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	PPB	0.4	ND	ND	ND	ND	ND
Trichloroethene	PPB	5	ND	ND	ND	ND	ND
Trichlorofluoromethane	PPB	5	ND	ND	ND	ND	ND
Vinyl acetate	PPB	50*	ND	ND	ND	ND	ND
Vinyl chloride	PPB	2	ND	ND	ND	ND	ND

Notes:
ND - Not detected
**- Guidance Value*
B- Detected in Blank
J- Laboratory Estimated Concentration

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
OER Project Number 14EH-N350Q

Semi Volatile Organic Chemicals (SVOCs) for Groundwater
EPA Method 8270
Table 7

Client SampleID:		**NYS Groundwater Standards**	**MW-1**	**MW-2**	**MW-3**	**Field Blank**
Sampling Date:			**2/4/2014**	**2/4/2014**	**2/4/2014**	**2/4/2014**
Analyte	**Units**	**Limits**				
1,2,4-Trichlorobenzene	PPB	5	ND	ND	ND	ND
1,2-Dichlorobenzene	PPB	3	ND	ND	ND	ND
1,3-Dichlorobenzene	PPB	3	ND	ND	ND	ND
1,4-Dichlorobenzene	PPB	3	ND	ND	ND	ND
2,3,4,6-Tetrachlorophenol	PPB	NA	ND	ND	ND	ND
2,4,5-Trichlorophenol	PPB	NA	ND	ND	ND	ND
2,4,6-Trichlorophenol	PPB	NA	ND	ND	ND	ND
2,4-Dichlorophenol	PPB	5	ND	ND	ND	ND
2,4-Dimethylphenol	PPB	50	ND	ND	ND	ND
2,4-Dinitrophenol	PPB	10	ND	ND	ND	ND
2,4-Dinitrotoluene	PPB	5	ND	ND	ND	ND
2,6-Dinitrotoluene	PPB	5	ND	ND	ND	ND
2-Chloronaphthalene	PPB	10	ND	ND	ND	ND
2-Chlorophenol	PPB	NA	ND	ND	ND	ND
2-Methylnaphthalene	PPB	NA	ND	ND	ND	ND
2-Methylphenol	PPB	NA	ND	ND	ND	ND
2-Nitroaniline	PPB	5	ND	ND	ND	ND
2-Nitrophenol	PPB	NA	ND	ND	ND	ND
3,3´-Dichlorobenzidine	PPB	5	ND	ND	ND	ND
3+4-Methylphenol	PPB	1	ND	ND	ND	ND
3-Nitroaniline	PPB	5	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	PPB	NA	ND	ND	ND	ND
4-Bromophenyl phenyl ether	PPB	NA	ND	ND	ND	ND
4-Chloro-3-methylphenol	PPB	NA	ND	ND	ND	ND
4-Chloroaniline	PPB	NA	ND	ND	ND	ND
4-Chlorophenyl phenyl ether	PPB	NA	ND	ND	ND	ND
4-Nitroaniline	PPB	5	ND	ND	ND	ND
4-Nitrophenol	PPB	NA	ND	ND	ND	ND
Acenaphthene	PPB	20	ND	ND	ND	ND
Acenaphthylene	PPB	NA	ND	ND	ND	ND
Acetophenone	PPB	NA	ND	ND	ND	ND
Aniline	PPB	NA	ND	ND	ND	ND
Anthracene	PPB	50	ND	ND	ND	ND
Atrazine	PPB	NA	ND	ND	ND	ND
Azobenzene	PPB	NA	ND	ND	ND	ND
Benzaldehyde	PPB	NA	ND	ND	ND	ND
Benzidine	PPB	NA	ND	ND	ND	ND
Benzo(a)anthracene	PPB	0.002	ND	ND	ND	ND
Benzo(a)pyrene	PPB	NA	ND	ND	ND	ND
Benzo(b)fluoranthene	PPB	0.002	ND	ND	ND	ND
Benzo(g,h,i)perylene	PPB	NA	ND	ND	ND	ND
Benzo(k)fluoranthene	PPB	0.002	ND	ND	ND	ND
Benzoic acid	PPB	NA	ND	ND	ND	ND
Benzyl alcohol	PPB	NA	ND	ND	ND	ND
Biphenyl	PPB	NA	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	PPB	NA	ND	ND	ND	ND
Bis(2-chloroethyl)ether	PPB	NA	ND	ND	ND	ND

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
OER Project Number 14EH-N350Q

Semi Volatile Organic Chemicals (SVOCs) for Groundwater
EPA Method 8270
Table 7

Client SampleID:		**NYS Groundwater Standards**	**MW-1**	**MW-2**	**MW-3**	**Field Blank**
Sampling Date:			**2/4/2014**	**2/4/2014**	**2/4/2014**	**2/4/2014**
Analyte	**Units**	**Limits**				
Bis(2-chloroisopropyl)ether	PPB	NA	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	PPB	5	ND	ND	ND	ND
Butyl benzyl phthalate	PPB	NA	ND	ND	ND	ND
Caprolactam	PPB	NA	ND	ND	ND	ND
Carbazole	PPB	NA	ND	ND	ND	ND
Chrysene	PPB	0.002	ND	ND	ND	ND
Dibenzo(a,h)anthracene	PPB	NA	ND	ND	ND	ND
Dibenzofuran	PPB	NA	ND	ND	ND	ND
Diethyl phthalate	PPB	NA	ND	ND	ND	ND
Dimethyl phthalate	PPB	NA	ND	ND	ND	ND
Di-n-butyl phthalate	PPB	50	ND	ND	ND	ND
Di-n-octyl phthalate	PPB	50	ND	ND	ND	ND
Fluoranthene	PPB	50	ND	ND	ND	ND
Fluorene	PPB	50	ND	ND	ND	ND
Hexachlorobenzene	PPB	0.04	ND	ND	ND	ND
Hexachlorobutadiene	PPB	0.5	ND	ND	ND	ND
Hexachlorocyclopentadiene	PPB	5	ND	ND	ND	ND
Hexachloroethane	PPB	5	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	PPB	0.002	ND	ND	ND	ND
Isophorone	PPB	50	ND	ND	ND	ND
Naphthalene	PPB	10	ND	ND	ND	ND
Nitrobenzene	PPB	0.4	ND	ND	ND	ND
N-Nitrosodimethylamine	PPB	NA	ND	ND	ND	ND
N-Nitrosodi-n-propylamine	PPB	NA	ND	ND	ND	ND
N-Nitrosodiphenylamine	PPB	50	ND	ND	ND	ND
Parathion	PPB	NA	ND	ND	ND	ND
Pentachlorophenol	PPB	NA	ND	ND	ND	ND
Phenanthrene	PPB	50	ND	ND	ND	ND
Phenol	PPB	NA	ND	ND	ND	ND
Pyrene	PPB	50	ND	ND	ND	ND
Pyridine	PPB	50	ND	ND	ND	ND

Notes:
ND - Not detected
**- Guidance Value*
B- Detected in Blank
J- Laboratory Estimated Concentration

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
OER Project Number 14EH-N350Q

Pesticides (Method 8021)
Table 8

Client SampleID:		**NYS Groundwater Standards**	**MW-1**	**MW-2**	**MW-3**	**Field Blank**
Sampling Date:			**2/4/2014**	**2/4/2014**	**2/4/2014**	**2/4/2014**
Analyte	**Units**	**Limits**				
4,4´-DDD	PPB	0.3	ND	ND	ND	ND
4,4´-DDE	PPB	0.2	ND	ND	ND	ND
4,4´-DDT	PPB	0.2	ND	ND	ND	ND
Aldrin	PPB	0.001	ND	ND	ND	ND
alpha-BHC	PPB	0.01	ND	ND	ND	ND
beta-BHC	PPB	0.04	0.025J	ND	ND	ND
Chlordane	PPB	0.05	ND	ND	ND	ND
Chlorobenzilate	PPB	NA	ND	ND	ND	ND
DBCP	PPB	NA	ND	ND	ND	ND
delta-BHC	PPB	0.04	ND	ND	ND	ND
Dieldrin	PPB	0.004	ND	**0.013J**	ND	ND
Endosulfan I	PPB	0.009	ND	ND	ND	ND
Endosulfan II	PPB	0.009	ND	ND	ND	ND
Endosulfan sulfate	PPB	0.009	ND	ND	ND	ND
Endrin	PPB	ND	ND	ND	ND	ND
Endrin aldehyde	PPB	5	ND	ND	ND	ND
Endrin ketone	PPB	5	ND	ND	ND	ND
gamma-BHC	PPB	0.05	ND	ND	ND	ND
Heptachlor	PPB	0.04	ND	ND	ND	ND
Heptachlor epoxide	PPB	0.03	ND	ND	0.012J	ND
Hexachlorobenzene	PPB	0.04	0.031J	ND	ND	ND
Hexachlorocyclopentadiene	PPB	5	ND	ND	ND	ND
Methoxychlor	PPB	35	ND	ND	ND	ND
Toxaphene	PPB	0.06	ND	ND	ND	ND

Notes:
ND - Not detected
J- Laboratory Estimated Concentration

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
OER Project Number 14EH-N350Q

PCBs as AROCLORS- METHOD 8082
Table 9

Client SampleID:		**NYS Groundwater Standards**	**MW-1**	**MW-2**	**MW-3**	**MW-4**	**Field Blank**
Sampling Date:			**2/4/2014**	**2/4/2014**	**2/4/2014**	**2/4/2014**	**2/4/2014**
Analyte	**Units**	**Limits**					
Aroclor 1016	PPB	0.09	ND	ND	ND	ND	ND
Aroclor 1221	PPB	0.09	ND	ND	ND	ND	ND
Aroclor 1232	PPB	0.09	ND	ND	ND	ND	ND
Aroclor 1242	PPB	0.09	ND	ND	ND	ND	ND
Aroclor 1248	PPB	0.09	ND	ND	ND	ND	ND
Aroclor 1254	PPB	0.09	ND	ND	ND	ND	ND
Aroclor 1260	PPB	0.09	ND	ND	ND	ND	ND
Aroclor 1262	PPB	0.09	ND	ND	ND	ND	ND
Aroclor 1268	PPB	0.09	ND	ND	ND	ND	ND

Notes:
ND - Not detected
J- Laboratory Estimated Concentration

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 5
OER Project Number 14EH-N350Q

TAL Metals Analysis- Groundwater
Table 10

Client SampleID:		**NYS Groundwater Standards**	**MW-1**	**MW-1**	**MW-2**	**MW-2**	**MW-3**	**MW-3**	**Field Blank**
			Total	Dissolved	Total	Dissolved	Total	Dissolved	Total
Sampling Date:			**2/4/2014**	**2/4/2014**	**2/4/2014**	**2/4/2014**	**2/4/2014**	**2/4/2014**	2/4/2014
Analyte	**Units**	**Limits**							
Aluminum	PPM	NA	5.02	0.00535J	2.31	ND	13.9	ND	ND
Antimony	PPM	0.003	ND	ND	ND	ND	ND	ND	ND
Arsenic	PPM	0.025	ND	ND	ND	ND	ND	ND	ND
Barium	PPM	1	0.165	0.133	0.127	0.124	0.196	0.0590	ND
Beryllium	PPM	0.003	ND	ND	ND	ND	ND	ND	ND
Cadmium	PPM	0.005	ND	ND	ND	ND	ND	ND	ND
Calcium	PPM	NA	33.2	35.0	21.2	22.7	9.82	7.10	0.0828
Chromium	PPM	0.05	0.0442	ND	0.0172J	ND	**0.0876**	ND	ND
Cobalt	PPM	NA	ND	ND	ND	ND	0.00738J	ND	ND
Copper	PPM	0.2	0.0239	ND	0.0145J	ND	0.0480	ND	ND
Iron	PPM	0.3	**16.4**	0.0141J	**4.92**	0.00778J	**28.8**	0.00822J	ND
Lead	PPM	0.025	0.00814J	ND	ND	ND	0.0172	ND	ND
Magnesium	PPM	35	6.11	4.76	3.87	3.41	5.46	1.38	0.0151J
Manganese	PPM	0.3	**1.08**	**0.520**	**0.876**	**0.719**	**2.04**	**0.686**	ND
Mercury	PPM	0.0007	ND	ND	ND	ND	ND	ND	ND
Nickel	PPM	0.1	0.0293	ND	0.0109J	ND	0.0433	ND	ND
Potassium	PPM	NA	6.53	6.37	4.73	5.37	5.23	3.23	ND
Selenium	PPM	0.01	ND	ND	ND	ND	ND	ND	ND
Silver	PPM	0.05	ND	ND	ND	ND	ND	ND	ND
Sodium	PPM	20	**28.7**	**33.2**	**30.2**	**34.5**	17.1	19.2	0.0473
Thallium	PPM	0.0005	ND	ND	ND	ND	ND	ND	ND
Vanadium	PPM	NA	0.0121J	ND	ND	ND	0.0351	ND	ND
Zinc	PPM	2	0.0638	0.00690J	0.0336	ND	0.0886	ND	ND

Notes:
ND - Not detected
J- Laboratory Estimated Concentration

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 and 5
OER Project Number 14EH-N350Q

Table 11
Vapor Sampling

Sample ID	VP-1	VP-2	VP-3	VP-4
Lab Sample Number	**F1310-01**	**F1310-02**	**F1310-03**	**F1310-04**
Sampling Date	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**
Matrix	**Air**	**Air**	**Air**	**Air**
Units	**Ug/M3**	**Ug/M3**	**Ug/M3**	**Ug/M3**
COMPOUND				
Dichlorodifluoromethane	2.77	2.92	2.77	2.77
Chloromethane	ND	0.640J	0.210J	0.780J
Vinyl Chloride	ND	ND	ND	ND
Bromomethane	ND	ND	ND	ND
Chloroethane	ND	0.290J	ND	ND
Tetrahydrofuran	0.590J	ND	0.560J	0.380J
Trichlorofluoromethane	1.80J	1.57J	1.80J	2.70 J
1,1,2-Trichlorotrifluoroethane	0.770J	0.690J	0.770J	0.690J
Dichlorotetrafluoroethane	ND	ND	ND	ND
Bromoethene	ND	ND	ND	ND
tert-Butyl alcohol	1.7	ND	1.09J	0.760J
Heptane	18	5.74	11.5	3.61
1,1-Dichloroethene	ND	ND	ND	ND
Acetone	**205D**	18.5	**181D**	**101D**
Carbon Disulfide	1.62	4.98	2.9	1.03J
Methyl tert-Butyl Ether	ND	ND	ND	ND
Methylene Chloride	2.71	3.82	4.86	4.52
trans-1,2-Dichloroethene	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND
Cyclohexane	1.00J	0.760J	0.720J	0.720J
2-Butanone	6.19	ND	5.6	4.13
Carbon Tetrachloride	0.250 J	0.250J	0.190 J	0.250J
cis-1,2-Dichloroethene	ND	ND	ND	ND
Chloroform	1.66J	0.490J	0.540J	ND
1,1,1-Trichloroethane	0.600J	0.220J	0.490J	ND
2,2,4-Trimethylpentane	1.17J	0.930J	0.750J	0.610J
Benzene	6.07	2.84	3.83	2.3
1,2-Dichloroethane	ND	ND	ND	ND
Trichloroethene	0.480J	ND	0.110J	ND
1,2-Dichloropropane	ND	ND	ND	ND
Bromodichloromethane	ND	ND	ND	ND
4-Methyl-2-Pentanone	1.15J	ND	1.52J	ND
Toluene	99.1D	28.3	73.1D	27.1
t-1,3-Dichloropropene	ND	ND	ND	ND
cis-1,3-Dichloropropene	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND
Dibromochloromethane	ND	ND	ND	ND
1,2-Dibromoethane	ND	ND	ND	ND
Tetrachloroethene	**34.6**	5.9	21.7	1.70J
Chlorobenzene	ND	ND	ND	ND
Ethyl Benzene	24.3	2.22	20	4.78
m/p-Xylene	87.7	7.38	76	18.2
o-Xylene	23.9	2.00J	21.7	5.21
Styrene	0.430J	ND	ND	ND
Bromoform	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523, Lot(s) 4 and 5
OER Project Number 14EH-N350Q

Table 11
Vapor Sampling

Sample ID	**VP-1**	**VP-2**	**VP-3**	**VP-4**
Lab Sample Number	**F1310-01**	**F1310-02**	**F1310-03**	**F1310-04**
Sampling Date	**1/30/2014**	**1/30/2014**	**1/30/2014**	**1/30/2014**
Matrix	**Air**	**Air**	**Air**	**Air**
Units	**Ug/M3**	**Ug/M3**	**Ug/M3**	**Ug/M3**
COMPOUND				
2-Chlorotoluene	ND	ND	ND	ND
1,3,5-Trimethylbenzene	2.51	ND	3.24	0.640J
1,2,4-Trimethylbenzene	8.36	ND	12.8	2.41J
1,3-Dichlorobenzene	ND	ND	ND	ND
1,4-Dichlorobenzene	ND	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND
Hexachloro-1,3-Butadiene	ND	ND	ND	ND
1,3-Butadiene	ND	ND	ND	ND
Naphthalene	ND	ND	0.680J	ND
4-Ethyltoluene	7.87	ND	8.85	1.62J
Hexane	7.05	4.23	4.58	2.78
Allyl Chloride	ND	ND	ND	ND
1,4-Dioxane	ND	ND	ND	ND
Methyl Methacrylate	ND	ND	ND	ND

Qualifiers

U - The compound was not detected at the indicated concentration.
N (Organics) - Presumptive Evidence of a Compound
N (Inorganics) - The matrix spike recovery was outside control limits
J - Data indicates the presence of a compound that meets the identification criteria.
The result is less than the quantitation limit but greater than MDL.
The concentration given is an approximate value.
B - The analyte was found in the laboratory blank as well as the sample.
This indicates possible laboratory contamination of the environmental sample.
P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.
* (Organics) - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.
* (Inorganics) - The sample/duplicate %RPD was above the control limit.
E (Organics) - Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.
E (Inorganics) - The reported value is estimated because of the presence of interference.
D - The reported value is from a secondary analysis with a dilution factor.
The original analysis exceeded the calibration range.
Q - indicates LCS control criteria did not meet requirements.
NR - Not analyzed

Table 12
Alernative 1 and Alternative 2

				Track 1	Track 2
				Unrestricted Use	Restricted Use Commercial
				SCOs	SCOs
	CasNo	Analyte	Units	Limits	Limits
VOC					
	630-20-6	1,1,1,2-Tetrachloroethane	PPB	NA	NA
	71-55-6	1,1,1-Trichloroethane	PPB	680	500000
	79-34-5	1,1,2,2-Tetrachloroethane	PPB	NA	NA
	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	PPB	NA	NA
	79-00-5	1,1,2-Trichloroethane	PPB	NA	NA
	75-34-3	1,1-Dichloroethane	PPB	270	240000
	75-35-4	1,1-Dichloroethene	PPB	330	500000
	563-58-6	1,1-Dichloropropene	PPB	NA	NA
	87-61-6	1,2,3-Trichlorobenzene	PPB	NA	NA
	96-18-4	1,2,3-Trichloropropane	PPB	NA	NA
	95-93-2	1,2,4,5-Tetramethylbenzene	PPB	NA	NA
	120-82-1	1,2,4-Trichlorobenzene	PPB	NA	NA
	95-63-6	1,2,4-Trimethylbenzene	PPB	3600	190000
	96-12-8	1,2-Dibromo-3-chloropropane	PPB	NA	NA
	106-93-4	1,2-Dibromoethane	PPB	NA	NA
	95-50-1	1,2-Dichlorobenzene	PPB	1100	500000
	107-06-2	1,2-Dichloroethane	PPB	20	30000
	78-87-5	1,2-Dichloropropane	PPB	NA	NA
	108-67-8	1,3,5-Trimethylbenzene	PPB	8400	190000
	541-73-1	1,3-Dichlorobenzene	PPB	2400	280000
	142-28-9	1,3-dichloropropane	PPB	NA	NA
	106-46-7	1,4-Dichlorobenzene	PPB	1800	130000
	123-91-1	1,4-Dioxane	PPB	100	130000
	594-20-7	2,2-Dichloropropane	PPB	NA	NA
	78-93-3	2-Butanone	PPB	120	500000
	110-75-8	2-Chloroethyl vinyl ether	PPB	NA	NA
	95-49-8	2-Chlorotoluene	PPB	NA	NA
	591-78-6	2-Hexanone	PPB	NA	NA
	67-63-0	2-Propanol	PPB	NA	NA
	106-43-4	4-Chlorotoluene	PPB	NA	NA
	99-87-6	4-Isopropyltoluene	PPB	NA	NA
	108-10-1	4-Methyl-2-pentanone	PPB	NA	NA
	67-64-1	Acetone	PPB	50	500000
	71-43-2	Benzene	PPB	60	44000
	108-86-1	Bromobenzene	PPB	NA	NA
	74-97-5	Bromochloromethane	PPB	NA	NA
	75-27-4	Bromodichloromethane	PPB	NA	NA
	75-25-2	Bromoform	PPB	NA	NA
	74-83-9	Bromomethane	PPB	NA	NA
	75-15-0	Carbon disulfide	PPB	NA	NA
	56-23-5	Carbon tetrachloride	PPB	760	22000
	108-90-7	Chlorobenzene	PPB	1100	500000
	75-45-6	Chlorodifluoromethane	PPB	NA	NA
	75-00-3	Chloroethane	PPB	NA	NA
	67-66-3	Chloroform	PPB	370	350000

102-14 Liberty Avenue and
102-16 Liberty Avenue, Queens, NY
Block 9523. Lot(s) 4 and 5

Table 12
Alernative 1 and Alternative 2

				Track 1	Track 2
				Unrestricted Use	Restricted Use Commercial
				SCOs	SCOs
	CasNo	Analyte	Units	Limits	Limits
VOC					
	74-87-3	Chloromethane	PPB	NA	NA
	156-59-2	cis-1,2-Dichloroethene	PPB	250	500000
	10061-01-5	cis-1,3-Dichloropropene	PPB	NA	NA
	110-82-7	Cyclohexane	PPB	NA	NA
	124-48-1	Dibromochloromethane	PPB	NA	NA
	74-95-3	Dibromomethane	PPB	NA	NA
	75-71-8	Dichlorodifluoromethane	PPB	NA	NA
	108-20-3	Diisopropyl ether	PPB	NA	NA
	64-17-5	Ethanol	PPB	NA	NA
	100-41-4	Ethylbenzene	PPB	1000	390000
	76-14-2	Freon-114	PPB	NA	NA
	87-68-3	Hexachlorobutadiene	PPB	NA	NA
	98-82-8	Isopropylbenzene	PPB	NA	NA
	179601-23-1	m,p-Xylene	PPB	260	500000
	79-20-9	Methyl Acetate	PPB	NA	NA
	1634-04-4	Methyl tert-butyl ether	PPB	930	500000
	75-09-2	Methylene chloride	PPB	50	500000
	91-20-3	Naphthalene	PPB	12000	500000
	104-51-8	n-Butylbenzene	PPB	12000	500000
	103-65-1	n-Propylbenzene	PPB	3900	500000
	95-47-6	o-Xylene	PPB	260	500000
	105-05-5	p-Diethylbenzene	PPB	NA	NA
	622-96-8	p-Ethyltoluene	PPB	NA	NA
	135-98-8	sec-Butylbenzene	PPB	11000	500000
	100-42-5	Styrene	PPB	NA	NA
	75-65-0	t-Butyl alcohol	PPB	NA	NA
	98-06-6	tert-Butylbenzene	PPB	5900	500000
	127-18-4	Tetrachloroethene	PPB	1300	150000
	108-88-3	Toluene	PPB	700	500000
	156-60-5	trans-1,2-Dichloroethene	PPB	190	500000
	10061-02-6	trans-1,3-Dichloropropene	PPB	NA	NA
	79-01-6	Trichloroethene	PPB	470	200000
	75-69-4	Trichlorofluoromethane	PPB	NA	NA
	108-05-4	Vinyl acetate	PPB	NA	NA
	75-01-4	Vinyl chloride	PPB	20	13000

Table 12
Alernative 1 and Alternative 2

				Track 1	Track 2
				Unrestricted Use	Restricted Use Commercial
				SCOs	SCOs
	CasNo	Analyte	Units	Limits	Limits
SVOC					
	120-82-1	1,2,4-Trichlorobenzene	PPB	NA	NA
	95-50-1	1,2-Dichlorobenzene	PPB	1100	500000
	541-73-1	1,3-Dichlorobenzene	PPB	2400	280000
	106-46-7	1,4-Dichlorobenzene	PPB	1800	130000
	58-90-2	2,3,4,6-Tetrachlorophenol	PPB	NA	NA
	95-95-4	2,4,5-Trichlorophenol	PPB	NA	NA
	88-06-2	2,4,6-Trichlorophenol	PPB	NA	NA
	120-83-2	2,4-Dichlorophenol	PPB	NA	NA
	105-67-9	2,4-Dimethylphenol	PPB	NA	NA
	51-28-5	2,4-Dinitrophenol	PPB	NA	NA
	121-14-2	2,4-Dinitrotoluene	PPB	NA	NA
	606-20-2	2,6-Dinitrotoluene	PPB	NA	NA
	91-58-7	2-Chloronaphthalene	PPB	NA	NA
	95-57-8	2-Chlorophenol	PPB	NA	NA
	91-57-6	2-Methylnaphthalene	PPB	NA	NA
	95-48-7	2-Methylphenol	PPB	330	500000
	88-74-4	2-Nitroaniline	PPB	NA	NA
	88-75-5	2-Nitrophenol	PPB	NA	NA
	91-94-1	3,3´-Dichlorobenzidine	PPB	NA	NA
	108-39-4/106-	3+4-Methylphenol	PPB	330	500000
	99-09-2	3-Nitroaniline	PPB	NA	NA
	534-52-1	4,6-Dinitro-2-methylphenol	PPB	NA	NA
	101-55-3	4-Bromophenyl phenyl ether	PPB	NA	NA
	59-50-7	4-Chloro-3-methylphenol	PPB	NA	NA
	106-47-8	4-Chloroaniline	PPB	NA	NA
	7005-72-3	4-Chlorophenyl phenyl ether	PPB	NA	NA
	100-01-6	4-Nitroaniline	PPB	NA	NA
	100-02-7	4-Nitrophenol	PPB	NA	NA
	83-32-9	Acenaphthene	PPB	20000	500000
	208-96-8	Acenaphthylene	PPB	100000	500000
	98-86-2	Acetophenone	PPB	NA	NA
	62-53-3	Aniline	PPB	NA	NA
	120-12-7	Anthracene	PPB	100000	500000
	1912-24-9	Atrazine	PPB	NA	NA
	103-33-3	Azobenzene	PPB	NA	NA
	100-52-7	Benzaldehyde	PPB	NA	NA
	92-87-5	Benzidine	PPB	NA	NA
	56-55-3	Benzo(a)anthracene	PPB	1000	5600
	50-32-8	Benzo(a)pyrene	PPB	1000	1000
	205-99-2	Benzo(b)fluoranthene	PPB	1000	5600
	191-24-2	Benzo(g,h,i)perylene	PPB	100000	500000
	207-08-9	Benzo(k)fluoranthene	PPB	800	56000
	65-85-0	Benzoic acid	PPB	NA	NA
	100-51-6	Benzyl alcohol	PPB	NA	NA
	92-52-4	Biphenyl	PPB	NA	NA
SVOC					
	111-91-1	Bis(2-chloroethoxy)methane	PPB	NA	NA

Table 12
Alernative 1 and Alternative 2

				Track 1	Track 2
				Unrestricted Use	Restricted Use Commercial
				SCOs	SCOs
	CasNo	Analyte	Units	Limits	Limits
	111-44-4	Bis(2-chloroethyl)ether	PPB	NA	NA
	108-60-1	Bis(2-chloroisopropyl)ether	PPB	NA	NA
		Bis(2-ethylhexyl)phthalate	PPB	NA	NA
	85-68-7	Butyl benzyl phthalate	PPB	NA	NA
	105-60-2	Caprolactam	PPB	NA	NA
	86-74-8	Carbazole	PPB	NA	NA
	218-01-9	Chrysene	PPB	1000	56000
	53-70-3	Dibenzo(a,h)anthracene	PPB	330	560
	132-64-9	Dibenzofuran	PPB	7000	350000
	84-66-2	Diethyl phthalate	PPB	NA	NA
	131-11-3	Dimethyl phthalate	PPB	NA	NA
	84-74-2	Di-n-butyl phthalate	PPB	NA	NA
	117-84-0	Di-n-octyl phthalate	PPB	NA	NA
	206-44-0	Fluoranthene	PPB	100000	500000
	86-73-7	Fluorene	PPB	30000	500000
	118-74-1	Hexachlorobenzene	PPB	330	6000
	87-68-3	Hexachlorobutadiene	PPB	NA	NA
	77-47-4	Hexachlorocyclopentadiene	PPB	NA	NA
	67-72-1	Hexachloroethane	PPB	NA	NA
	193-39-5	Indeno(1,2,3-c,d)pyrene	PPB	500	5600
	78-59-1	Isophorone	PPB	NA	NA
	91-20-3	Naphthalene	PPB	12000	500000
	98-95-3	Nitrobenzene	PPB	NA	NA
	62-75-9	N-Nitrosodimethylamine	PPB	NA	NA
	621-64-7	N-Nitrosodi-n-propylamine	PPB	NA	NA
	86-30-6	N-Nitrosodiphenylamine	PPB	NA	NA
	56-38-2	Parathion	PPB	NA	NA
	87-86-5	Pentachlorophenol	PPB	800	6700
	85-01-8	Phenanthrene	PPB	100000	500000
	108-95-2	Phenol	PPB	330	500000
	129-00-0	Pyrene	PPB	100000	500000
	110-86-1	Pyridine	PPB	NA	NA

Table 12
Alernative 1 and Alternative 2

				Track 1	Track 2
				Unrestricted Use	Restricted Use Commercial
				SCOs	SCOs
	CasNo	Analyte	Units	Limits	Limits
PESTICIDES					
	72-54-8	4,4´-DDD	PPB	3.3	92000
	72-55-9	4,4´-DDE	PPB	3.3	62000
	50-29-3	4,4´-DDT	PPB	3.3	47000
	309-00-2	Aldrin	PPB	5	680
	319-84-6	alpha-BHC	PPB	20	3400
	319-85-7	beta-BHC	PPB	36	3000
	57-74-9	Chlordane	PPB	94	24000
	510-15-6	Chlorobenzilate	PPB	NA	NA
	96-12-8	DBCP	PPB	NA	NA
	319-86-8	delta-BHC	PPB	40	500000
	60-57-1	Dieldrin	PPB	5	1400
	959-98-8	Endosulfan I	PPB	2400	200000
	33213-65-9	Endosulfan II	PPB	2400	200000
	1031-07-8	Endosulfan sulfate	PPB	2400	200000
	72-20-8	Endrin	PPB	14	89000
	7421-93-4	Endrin aldehyde	PPB	NA	NA
	53494-70-5	Endrin ketone	PPB	NA	NA
	58-89-9	gamma-BHC	PPB	100	9200
	76-44-8	Heptachlor	PPB	42	15000
	1024-57-3	Heptachlor epoxide	PPB	NA	NA
	118-74-1	Hexachlorobenzene	PPB	330	6000
	77-47-4	Hexachlorocyclopentadiene	PPB	NA	NA
	72-43-5	Methoxychlor	PPB	NA	NA
	8001-35-2	Toxaphene	PPB	NA	NA
PCBS					
	12674-11-2	Aroclor 1016	PPB	100	1000
	11104-28-2	Aroclor 1221	PPB	100	1000
	11141-16-5	Aroclor 1232	PPB	100	1000
	53469-21-9	Aroclor 1242	PPB	100	1000
	12672-29-6	Aroclor 1248	PPB	100	1000
	11097-69-1	Aroclor 1254	PPB	100	1000
	11096-82-5	Aroclor 1260	PPB	100	1000
	37324-23-5	Aroclor 1262	PPB	100	1000
	11100-14-4	Aroclor 1268	PPB	100	1000

Table 12
Alernative 1 and Alternative 2

				Track 1	Track 2
				Unrestricted Use	Restricted Use Commercial
				SCOs	SCOs
	CasNo	Analyte	Units	Limits	Limits
METALS					
	7429-90-5	Aluminum	PPM	NA	NA
	7440-36-0	Antimony	PPM	NA	NA
	7440-38-2	Arsenic	PPM	13	16
	7440-39-3	Barium	PPM	350	400
	7440-41-7	Beryllium	PPM	7.2	590
	7440-43-9	Cadmium	PPM	2.5	9.3
	7440-70-2	Calcium	PPM	NA	NA
	7440-47-3	Chromium	PPM	30	1500
	7440-48-4	Cobalt	PPM	NA	NA
	7440-50-8	Copper	PPM	50	270
	7439-89-6	Iron	PPM	NA	NA
	7439-92-1	Lead	PPM	63	1000
	7439-95-4	Magnesium	PPM	NA	NA
	7439-96-5	Manganese	PPM	1600	10000
	7439-97-6	Mercury	PPM	0.18	2.8
	7440-02-0	Nickel	PPM	30	310
	7440-09-7	Potassium	PPM	NA	NA
	7782-49-2	Selenium	PPM	3.9	1500
	7440-22-4	Silver	PPM	2	1500
	7440-23-5	Sodium	PPM	NA	NA
	7440-28-0	Thallium	PPM	NA	NA
	7440-62-2	Vanadium	PPM	NA	NA
	7440-66-6	Zinc	PPM	109	10000

Abbreviation:
NA = Not available, no value specified in NYSDEC 375 COMM. Limits

APPENDIX A

CITIZEN PARTICIPATION PLAN

The NYC Office of Environmental Remediation and Liberty Square in Ozone Park, LLC have established this Citizen Participation Plan because the opportunity for citizen participation is an important component of the NYC Voluntary Cleanup Program. This Citizen Participation Plan describes how information about the project will be disseminated to the Community during the remedial process. As part of its obligations under the NYC VCP, Liberty Square in Ozone Park, LLC will maintain a repository for project documents and provide public notice at specified times throughout the remedial program. This Plan also takes into account potential environmental justice concerns in the community that surrounds the project Site. Under this Citizen Participation Plan, project documents and work plans are made available to the public in a timely manner. Public comment on work plans is strongly encouraged during public comment periods. Work plans are not approved by the NYC Office of Environmental Remediation (OER) until public comment periods have expired and all comments are formally reviewed. An explanation of cleanup plans in the form of a public meeting or informational session is available upon request to OER's project manager assigned to this Site, Shaminder Chawla, who can be contacted about these issues or any others questions, comments or concerns that arise during the remedial process at (212) 788-8841.

Project Contact List. OER has established a Site Contact List for this project to provide public notices in the form of fact sheets to interested members of the Community. Communications will include updates on important information relating to the progress of the cleanup program at the Site as well as to request public comments on the cleanup plan. The Project Contact List includes owners and occupants of adjacent buildings and homes, principal administrators of nearby schools, hospitals and day care centers, the public water supplier that serves the area, established document repositories, the representative Community Board, City Council members, other elected representatives and any local Brownfield Opportunity Area (BOA) grantee organizations. Any member of the public or organization will be added to the Site Contact List on request. A copy of the Site Contact List is maintained by OER's project manager. If you would like to be added to the Project Contact List, contact NYC OER at (212) 788-8841 or by email at brownfields@cityhall.nyc.gov.

Repositories. A document repository is maintained in the nearest public library that maintains evening and weekend hours. This document repository is intended to house, for community review, all principal documents generated during the cleanup program including Remedial Investigation plans and reports, Remedial Action work plans and reports, and all public notices and fact sheets produced during the lifetime of the remedial project. Liberty Square in Ozone Park, LLC will inspect the repositories to ensure that they are fully populated with project information. The repository for this project is:

Ozone Park Library

9224 Rockaway Boulevard,

(718) 845-3127

Mon 11:00am – 7:00pm

Tue 2:00pm – 7:00pm

Wed 11:00am – 7:00pm

Thu 11:00am – 7:00pm

Fri 11:00am – 7:00pm

Sat closed

Sun closed

Digital Documentation. NYC OER strongly encourages the use of digital documents in repositories as a means of minimizing paper use while also increasing convenience in access and ease of use.

Public Notice and Public Comment. Public notice to all members of the Project Contact List is required at three major steps during the performance of the cleanup program (listed below) and at other points that may be required by OER. Notices will include Fact Sheets with descriptive project summaries, updates on recent and upcoming project activities, repository information, and important phone and email contact information. All notices will be prepared by

Liberty Square in Ozone Park, LLC, reviewed and approved by OER prior to distribution and mailed by Liberty Square in Ozone Park, LLC. Public comment is solicited in public notices for all work plans developed under the NYC Voluntary Cleanup Program. Final review of all work plans by OER will consider all public comments. Approval will not be granted until the public comment period has been completed.

Citizen Participation Milestones. Public notice and public comment activities occur at several steps during a typical NYC VCP project. See flow chart on the following page, which identifies when during the NYC VCP public notices are issued: These steps include:

- **Public Notice of the availability of the Remedial Investigation Report and Remedial Action Work Plan and a 30-day public comment period on the Remedial Action Work Plan.**

  Public notice in the form of a Fact Sheet is sent to all parties listed on the Site Contact List announcing the availability of the Remedial Investigation Report and Remedial Action Work Plan and the initiation of a 30-day public comment period on the Remedial Action Work Plan. The Fact Sheet summarizes the findings of the RIR and provides details of the RAWP. The public comment period will be extended an additional 15 days upon public request. A public meeting or informational session will be conducted by OER upon request.

- **Public Notice announcing the approval of the RAWP and the start of remediation**

  Public notice in the form of a Fact Sheet is sent to all parties listed on the Site Contact List announcing the approval of the RAWP and the start of remediation.

- **Public Notice announcing the completion of remediation, designation of Institutional and Engineering Controls and issuance of the Notice of Completion**

  Public notice in the form of a Fact Sheet is sent to all parties listed on the Site Contact List announcing the completion of remediation, providing a list of all Institutional and Engineering Controls implemented for to the Site and announcing the issuance of the Notice of Completion.

APPENDIX B

SUSTAINABILITY STATEMENT

This Sustainability Statement documents sustainable activities and green remediation efforts planned under this remedial action.

Reuse of Clean, Recyclable Materials. Reuse of clean, locally-derived recyclable materials reduces consumption of non-renewable virgin resources and can provide energy savings and greenhouse gas reduction.

An estimate of the quantity (in tons) of clean, non-virgin materials (reported by type of material) reused under this plan will be quantified and reported in the RAR.

Reduced Energy Consumption and Promotion of Greater Energy Efficiency. Reduced energy consumption lowers greenhouse gas emissions, improves local air quality, lessens in-city power generation requirements, can lower traffic congestion, and provides substantial cost savings.

Best efforts will be made to quantify energy efficiencies achieved during the remediation and will be reported in the Remedial Action Report (RAR). Where energy savings cannot be easily quantified, a gross indicator of the amount of energy saved or the means by which energy savings was achieved will be reported.

Recontamination Control. Recontamination after cleanup and redevelopment is completed undermines the value of work performed, may result in a property that is less protective of public health or the environment, and may necessitate additional cleanup work later or impede future redevelopment. Recontamination can arise from future releases that occur within the property or by influx of contamination from off-Site.

An estimate of the area of the Site that utilizes recontamination controls under this plan will be reported in the RAR in square feet.

Paperless Brownfield Cleanup Program. Liberty Square in Ozone Park, LLCis participating in OER's Paperless Brownfield Cleanup Program. Under this program, submission

of electronic documents will replace submission of hard copies for the review of project documents, communications and milestone reports.

Low-Energy Project Management Program. Liberty Square in Ozone Park, LLCis participating in OER's low-energy project management program. Under this program, whenever possible, meetings are held using remote communication technologies, such as videoconferencing and teleconferencing to reduce energy consumption and traffic congestion associated with personal transportation.

APPENDIX C

SOIL/MATERIALS MANAGEMENT PLAN

1.1 SOIL SCREENING METHODS

Visual, olfactory and PID soil screening and assessment will be performed under the supervision of a Qualified Environmental Professional and will be reported in the RAR. Soil screening will be performed during invasive work performed during the remedy and development phases prior to issuance of the Notice of Completion.

1.2 STOCKPILE METHODS

Excavated soil from suspected areas of contamination (e.g., hot spots, USTs, drains, etc.) will be stockpiled separately and will be segregated from clean soil and construction materials. Stockpiles will be used only when necessary and will be removed as soon as practicable. While stockpiles are in place, they will be inspected daily, and before and after every storm event. Results of inspections will be recorded in a logbook and maintained at the Site and available for inspection by OER. Excavated soils will be stockpiled on, at minimum, double layers of 8-mil minimum sheeting, will be kept covered at all times with appropriately anchored plastic tarps, and will be routinely inspected. Broken or ripped tarps will be promptly replaced.

All stockpile activities will be compliant with applicable laws and regulations. Soil stockpile areas will be appropriately graded to control run-off in accordance with applicable laws and regulations. Stockpiles of excavated soils and other materials shall be located at least of 50 feet from the property boundaries, where possible. Hay bales or equivalent will surround soil stockpiles except for areas where access by equipment is required. Silt fencing and hay bales will be used as needed near catch basins, surface waters and other discharge points.

1.3 CHARACTERIZATION OF EXCAVATED MATERIALS

Soil/fill or other excavated media that is transported off-Site for disposal will be sampled in a manner required by the receiving facility, and in compliance with applicable laws and regulations. Soils proposed for reuse on-Site will be managed as defined in this plan.

1.4 MATERIALS EXCAVATION, LOAD-OUT AND DEPARTURE

The PE/QEP overseeing the remedial action will:

- oversee remedial work and the excavation and load-out of excavated material;
- ensure that there is a party responsible for the safe execution of invasive and other work performed under this work plan;
- ensure that Site development activities and development-related grading cuts will not interfere with, or otherwise impair or compromise the remedial activities proposed in this RAWP;
- ensure that the presence of utilities and easements on the Site has been investigated and that any identified risks from work proposed under this plan are properly addressed by appropriate parties;
- ensure that all loaded outbound trucks are inspected and cleaned if necessary before leaving the Site;
- ensure that all egress points for truck and equipment transport from the Site will be kept clean of Site-derived materials during Site remediation.

Locations where vehicles exit the Site shall be inspected daily for evidence of soil tracking off premises. Cleaning of the adjacent streets will be performed as needed to maintain a clean condition with respect to Site-derived materials.

Open and uncontrolled mechanical processing of historical fill and contaminated soil on-Site will not be performed without prior OER approval.

1.5 OFF-SITE MATERIALS TRANSPORT

Loaded vehicles leaving the Site will comply with all applicable materials transportation requirements (including appropriate covering, manifests, and placards) in accordance with applicable laws and regulations, including use of licensed haulers in accordance with 6 NYCRR Part 364. If loads contain wet material capable of causing leakage from trucks, truck liners will

be used. Queuing of trucks will be performed on-Site, when possible in order to minimize off Site disturbance. Off-Site queuing will be minimized.

Outbound truck transport routes will take into account the following factors: (a) limiting transport through residential areas and past sensitive sites; (b) use of mapped truck routes; (c) minimizing off-Site queuing of trucks entering the facility; (d) limiting total distance to major highways; (e) promoting safety in access to highways; and (f) overall safety in transport. To the extent possible, all trucks loaded with Site materials will travel from the Site using these truck routes. Trucks will not stop or idle in the neighborhood after leaving the project Site.

1.6 MATERIALS DISPOSAL OFF-SITE

The following documentation will be established and reported by the PE/QEP for each disposal destination used in this project to document that the disposal of regulated material exported from the Site conforms with applicable laws and regulations: (1) a letter from the PE/QEP or Enrollee to each disposal facility describing the material to be disposed and requesting written acceptance of the material. This letter will state that material to be disposed is regulated material generated at an environmental remediation Site in Queens, New York under a governmental remediation program. The letter will provide the project identity and the name and phone number of the PE/QEP or Enrollee. The letter will include as an attachment a summary of all chemical data for the material being transported; and (2) a letter from each disposal facility stating it is in receipt of the correspondence (1, above) and is approved to accept the material. These documents will be included in the RAR.

The Remedial Action Report will include an itemized account of the destination of all material removed from the Site during this remedial action. Documentation associated with disposal of all material will include records and approvals for receipt of the material. This information will be presented in the RAR.

All impacted soil/fill or other waste excavated and removed from the Site will be managed as regulated material and will be disposed in accordance with applicable laws and regulations. Historic fill and contaminated soils taken off-Site will be handled as solid waste and will not be disposed at a Part 360-16 Registration Facility (also known as a Soil Recycling Facility).

Waste characterization will be performed for off-Site disposal in a manner required by the receiving facility and in conformance with its applicable permits. Waste characterization sampling and analytical methods, sampling frequency, analytical results and QA/QC will be reported in the RAR. A manifest system for off-Site transportation of exported materials will be employed. Manifest information will be reported in the RAR. Hazardous wastes derived from on-Site will be stored, transported, and disposed of in compliance with applicable laws and regulations.

1.7 MATERIALS REUSE ON-SITE

Soil and fill that is derived from the property that meets the soil cleanup objectives established in this plan may be reused on-Site. The soil cleanup objectives for on-Site reuse are listed in Table 12. 'Reuse on-Site' means material that is excavated during the remedy or development, does not leave the property, and is relocated within the same property and on comparable soil/fill material, and addressed pursuant to the NYC VCP agreement subject to Engineering and Institutional Controls. The PE/QEP will ensure that reused materials are segregated from other materials to be exported from the Site and that procedures defined for material reuse in this RAWP are followed. The expected location for placement of reused material will be provided in the RAR.

Organic matter (wood, roots, stumps, etc.) or other waste derived from clearing and grubbing of the Site will not be buried on-Site. Soil or fill excavated from the site for grading or other purposes will not be reused within a cover soil layer or within landscaping berms.

1.8 DEMARCATION

After completion of hotspot removal and any other invasive remedial activities, and prior to backfilling, the top of the residual soil/fill will be defined by one of three methods: (1) placement of a demarcation layer. The demarcation layer will consist of geosynthetic fencing or equivalent material to be placed on the surface of residual soil/fill to provide an observable reference layer. A description or map of the approximate depth of the demarcation layer will be provided in the SMP; or (2) a land survey of the top elevation of residual soil/fill before the placement of cover

soils, pavement and associated sub-soils, or other materials or structures or, (3) all materials beneath the approved cover will be considered impacted and subject to site management after the remedy is complete. Demarcation may be established by one or any combination of these three methods. As appropriate, a map showing the method of demarcation for the Site and all associated documentation will be presented in the RAR.

This demarcation will constitute the top of the site management horizon. Materials within this horizon require adherence to special conditions during future invasive activities as defined in the Site Management Plan.

1.9 IMPORT OF BACKFILL SOIL FROM OFF-SITE SOURCES

This Section presents the requirements for imported fill materials to be used below the cover layer and within the clean soil cover layer. All imported soils will meet OER-approved backfill and cover soil quality objectives for this Site. The backfill and cover soil quality objectives are Track 1 Unrestricted Use SCOs.

A process will be established to evaluate sources of backfill and cover soil to be imported to the Site, and will include an examination of source location, current and historical use(s), and any applicable documentation. Material from industrial sites, spill sites, environmental remediation sites or other potentially contaminated sites will not be imported to the Site.

The following potential sources may be used pending attainment of backfill and cover soil quality objectives:

- Clean soil from construction projects at non-industrial sites in compliance with applicable laws and regulations;
- Clean soil from roadway or other transportation-related projects in compliance with applicable laws and regulations;
- Clean recycled concrete aggregate (RCA) from facilities permitted or registered by the regulations of NYS DEC.

All materials received for import to the Site will be approved by a PE/QEP and will be in compliance with provisions in this RAWP. The RAR will report the source of the fill, evidence that an inspection was performed on the source, chemical sampling results, frequency of testing, and a Site map indicating the locations where backfill or soil cover was placed.

Source Screening and Testing

Inspection of imported fill material will include visual, olfactory and PID screening for evidence of contamination. Materials imported to the Site will be subject to inspection, as follows:

- Trucks with imported fill material will be in compliance with applicable laws and regulations and will enter the Site at designated locations;
- The PE/QEP is responsible to ensure that every truck load of imported material is inspected for evidence of contamination; and
- Fill material will be free of solid waste including pavement materials, debris, stumps, roots, and other organic matter, as well as ashes, oil, perishables or foreign matter.

Composite samples of imported material will be taken at a minimum frequency of one sample for every 500 cubic yards of material. Once it is determined that the fill material meets imported backfill or cover soil chemical requirements and is non-hazardous, and lacks petroleum contamination, the material will be loaded onto trucks for delivery to the Site.

Recycled concrete aggregate (RCA) will be imported from facilities permitted or registered by NYSDEC. Facilities will be identified in the RAR. A PE/QEP is responsible to ensure that the facility is compliant with 6NYCRR Part 360 registration and permitting requirements for the period of acquisition of RCA. RCA imported from compliant facilities will not require additional testing, unless required by NYSDEC under its terms for operation of the facility. RCA imported to the Site must be derived from recognizable and uncontaminated concrete. RCA material is not acceptable for, and will not be used as cover material.

1.10 FLUIDS MANAGEMENT

All liquids to be removed from the Site, including dewatering fluids, will be handled, transported and disposed in accordance with applicable laws and regulations. Liquids discharged into the New York City sewer system will receive prior approval by New York City Department of Environmental Protection (NYC DEP). The NYC DEP regulates discharges to the New York City sewers under Title 15, Rules of the City of New York Chapter 19. Discharge to the New York City sewer system will require an authorization and sampling data demonstrating that the groundwater meets the City's discharge criteria. The dewatering fluid will be pretreated as necessary to meet the NYC DEP discharge criteria. If discharge to the City sewer system is not appropriate, the dewatering fluids will be managed by transportation and disposal at an off-Site treatment facility.

Discharge of water generated during remedial construction to surface waters (i.e. a stream or river) is prohibited without a SPDES permit issued by New York State Department of Environmental Conservation.

1.11 STORM-WATER POLLUTION PREVENTION

Applicable laws and regulations pertaining to storm-water pollution prevention will be addressed during the remedial program. Erosion and sediment control measures identified in this RAWP (silt fences and barriers, and hay bale checks) will be installed around the entire perimeter of the remedial construction area and inspected once a week and after every storm event to ensure that they are operating appropriately. Discharge locations will be inspected to determine whether erosion control measures are effective in preventing significant impacts to receptors. Results of inspections will be recorded in a logbook and maintained at the Site and available for inspection by OER. All necessary repairs shall be made immediately. Accumulated sediments will be removed as required to keep the barrier and hay bale check functional. Undercutting or erosion of the silt fence toe anchor will be repaired immediately with appropriate backfill materials. Manufacturer's recommendations will be followed for replacing silt fencing damaged due to weathering.

1.12 CONTINGENCY PLAN

This contingency plan is developed for the remedial construction to address the discovery of unknown structures or contaminated media during excavation. Identification of unknown contamination source areas during invasive Site work will be promptly communicated to OER's Project Manager. Petroleum spills will be reported to the NYS DEC Spill Hotline. These findings will be included in the daily report. If previously unidentified contaminant sources are found during on-Site remedial excavation or development-related excavation, sampling will be performed on contaminated source material and surrounding soils and reported to OER. Chemical analytical testing will be performed for TAL metals, TCL volatiles and semi-volatiles, TCL pesticides and PCBs, as appropriate.

1.13 ODOR, DUST AND NUISANCE CONTROL

Odor Control

All necessary means will be employed to prevent on- and off-Site odor nuisances. At a minimum, procedures will include: (a) limiting the area of open excavations; (b) shrouding open excavations with tarps and other covers; and (c) use of foams to cover exposed odorous soils. If odors develop and cannot otherwise be controlled, additional means to eliminate odor nuisances will include: (d) direct load-out of soils to trucks for off-Site disposal; and (e) use of chemical odorants in spray or misting systems.

This odor control plan is capable of controlling emissions of nuisance odors. If nuisance odors are identified, work will be halted and the source of odors will be identified and corrected. Work will not resume until all nuisance odors have been abated. OER will be notified of all odor complaint events. Implementation of all odor controls, including halt of work, will be the responsibility of the PE/QEP's certifying the Remedial Action Report.

Dust Control

Dust management during invasive on-Site work will include, at a minimum:

- Use of a dedicated water spray methodology for roads, excavation areas and stockpiles.
- Use of properly anchored tarps to cover stockpiles.
- Exercise extra care during dry and high-wind periods.
- Use of gravel or recycled concrete aggregate on egress and other roadways to provide a clean and dust-free road surface.

This dust control plan is capable of controlling emissions of dust. If nuisance dust emissions are identified, work will be halted and the source of dusts will be identified and corrected. Work will not resume until all nuisance dust emissions have been abated. OER will be notified of all dust complaint events. Implementation of all dust controls, including halt of work, will be the responsibility of the PE/QEP's responsible for certifying the Remedial Action Report.

Other Nuisances

Noise control will be exercised during the remedial program. All remedial work will conform, at a minimum, to NYC noise control standards.

Rodent control will be provided, during Site clearing and grubbing, and during the remedial program, as necessary, to prevent nuisances.

APPENDIX D

HEALTH AND SAFETY PLAN

Health and Safety Plan
For
Property Located at

102-14 & 102-16 Liberty Avenue
Queens, New York

OER # 14EH-N350Q
February 2014

Prepared by
J.R. Holzmacher P.E., LLC
Consulting Engineers
3555 Veterans memorial Highway, Suite A,
Ronkonkoma, NY 11779-7636

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1.0 INTRODUCTION

This section of the Health and Safety Plan (HASP) document defines general applicability and general responsibilities with respect to compliance with Health and Safety programs. This plan has been prepared for excavation/remediation activities to be conducted to determine if subsurface contamination is present. Soil sampling activities are estimated to occur during the excavation period for the proposed new building and sub-grade parking structures at the site.

1.1 Scope and Applicability of the Site Health and Safety Plan

The purpose of this HASP is to define the requirements and designate protocols to be followed during the excavation/remediation activities at the site. Applicability extends to all government employees, contractors, subcontractors, and visitors.

All personnel on site, contractors and subcontractors included, shall be informed of the site emergency response procedures and any potential fire, explosion, health, or safety hazards of the operation. This HASP summarizes those hazards in Table 3.1 and defines protective measures planned for the site.

This plan must be reviewed and an agreement to comply with the requirements must be signed by all personnel prior to entering the exclusion zone or contamination reduction zone.

During development of this plan, consideration was given to current safety standards as defined by the Environmental Protection Agency (EPA)/Occupational Health and Safety Administration (OSHA)/National Institute of Occupational Safety and Health (NIOSH), health effects and standards for known contaminants, and procedures designed to account for the potential for exposure to unknown substances. Specifically, the following reference sources have been consulted:

- OSHA 29 CFR 1910.120 and EPA 40 CFR 311
- USEPA, Office of Emergency and Remedial Response, Emergency Response Team, Standard Operating Safety Guides
- NIOSH/OSHA/USCG/EPA Occupational Health and Safety Guidelines
- American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Values

1.2 Visitors

There will be no outside visitors allowed on the site during excavation/remediation activities. Outside visitors are defined as those not directly involved with construction and sampling activities.

2.0 KEY PERSONNEL/IDENTIFICATION OF HEALTH AND SAFETY

2.1 Key Personnel

The following personnel and organizations are critical to the excavation/remediation efforts at the site estimated to occur during the excavation activities identified in Figure 1.1 – Construction Activities Schedule. The organizational structure will be reviewed and updated periodically by the site supervisor.

Excavation/Construction Team Representatives:

1. J.R. Holzmacher P.E., LLC
2. Long Lasting

TO BE DETERMINED

2.2 Site Specific Health and Safety Personnel

The Site Health and Safety Officer (SHSO) has responsibility for ensuring that the provisions of this HASP are adequate and implemented in the field. Changing field conditions may require decisions to be made concerning adequate protection programs. The SHSO is also responsible for conducting site inspections on a regular basis in order to ensure the effectiveness of this plan.

The SHSO at the site with respect to Remedial activities is:

J.R. Holzmacher P.E., LLC
Philip Hoffken Jr.
Project Manager

Designated alternates include:

James DeMartinis
Senior Hydrogeologist

TO BE DETERMINED

2.3 Organizational Responsibility

1. The SHSO of the site will conduct site inspections throughout the project making sure the Health and Safety Plan is followed. His main concern is the personal protection of the workers.

3.0 TASK SAFETY AND HEALTH RISK ANALYSIS

3.1 Historical Overview of Site

The subject property, 102-14 Liberty Avenue & 102-16 Liberty Avenue, is a 0.22-acre parcel located on the southwestern corner of the intersection of Liberty Avenue and 104th Street in Ozone Park, New York. Currently, the Site is a vacant lot surrounded by a chain link fence, with an entrance on Liberty Avenue; and a ten inch high by two feet wide concrete wall on the eastern, southern, and western boundaries of the property. The only other features at the site are a sewer clean-out located in the most northwestern corner of the site, and a drain, which leads off the property, located about four feet to the southeast of the sewer clean-out. This property has been designated with a Hazardous Materials and Noise "E" (E-320) as part of the Ozone Park Rezoning Action (CEQR # 14DCP027Q).

Based on available Sanborn Maps from 1901 to 2006, the property was designated as a vacant lot and auto sales facility. It was most recently utilized as a parking lot by MoveCo Moving Services.

3.2 Task-by-Task Risk Analysis

The evaluation of hazards is based upon the knowledge of the site background presented in Section 3.1 above, and anticipated risks posed by the specific tasks to be performed.

The following subsections describe each task/operation in terms of the specific hazards associated with it. In addition, the protective measures to be implemented during completion of those tasks are also identified.

Table 3.1 provides a summary of task analysis and chemical hazards potentially encountered at the Site.

TABLE 3.1
TASK ANALYSIS
POTENTIAL CHEMICAL HAZARDS OF CONCERN

Contaminant	PEL/TLV	LEL (%)	IDLH
VOCs			
Benzene	1/0.5ppm	1.2	500 ppm
Toluene	200/50 ppm	1.1	500 ppm
Xylenes	100/100 ppm	~1	900 ppm
Ethyl benzene	100/100ppm	0.8	800 ppm
MTBE	NE/50ppm	NE	NE

Diesel Fuel	NE/100mg/m^3		Ca (exhaust)
Gasoline	NE/300	1.4	Ca
Lead	0.05/0.05 mg/m^3	NA	100 mg/m^3
PCBs	0.5-1 mg/m3	NA	5 mg/m^3
PAHs	0.2 mg/m^3	NA	1750 mg/m^3
Pesticides	Variable	NA	NA
Arsenic	0.01 mg/m^3	NA	5 mg/m^3
Mercury	0.025 mg/m^3	NA	10 mg/m^3

NE – not established
Ca - Cancer
Notes:

1. TLV = Threshold Limit Value
2. IDLH = Immediately Dangerous to Life and Health

3.3 Physical Hazards -Soil Sampling and Excavation

3.3.1 Hazard Identification and Prevention

- Safety related work practices would be used to prevent electric shock or other injuries resulting from either direct or indirect electrical contacts. Overhead power lines, buried cables and electrical equipment used on site all pose a danger of shock or electrocution if workers contact or sever them during field operations.

- New York State law requires that a utility mark out to be performed at a site at least 72 hours prior to starting any subsurface work. The tank removal contractor will contact New York City One Call (1-800-272-4480) to request a mark out of underground utilities in the proposed excavation and drilling areas. Work will not begin until the required utility clearances have been completed.

- Public utilities typically do not mark-out utility lines that are located on private property. Therefore, JRH will exercise due diligence and try to identify the location of any private utilities at the site. A private utility contractor will clear on-site subsurface disturbance locations for utilities prior to the commencement of any such work. JRH will also use as-built drawings for the area being investigated, perform a line locating survey, and identify a no-dig/drill zone and hand dig if there is insufficient data to determine the location of utility lines.

- Care must be taken to ensure loose clothing does not get tangled in any moving equipment while borings are being drilled.

- There may be slip or trip hazards associated with rough, slippery or elevated work surfaces at the site. The sampling sites could contain a number of slip, trip and fall hazards for site workers, such as: holes, pits, or ditches; excavation faces and slippery surfaces (steep grades, uneven grades, snow and ice and sharp objects).

- Drilling or excavating is dangerous during electrical storms. All field activity must terminate when thunderstorms are evident. Extreme heat and cold, ice and heavy rain can produce unsafe conditions for drilling work. Such conditions, when present, will be evaluated on a case-by-case basis to determine if work shall terminate.

- The use of an excavator and other equipment that are gasoline or fuel powered presents the possibility of encountering fire and explosion hazards.

- Plants and animals that are known to be hazardous to humans may affect work that takes place. Spiders, bees, wasps, hornets, ticks, poison oak and poison ivy are only some of the hazards that may be encountered. Individuals who may potentially be exposed to these hazards should be made aware of their existence and instructed in their identification. Emergencies resulting from contact with a natural hazard should be handled through the normal medical emergency channels. Individuals who are sensitive to these types of "natural" hazards should indicate their susceptibility to the SHSO.

- Work on-site will involve the use of heavy construction equipment such as an excavator. The unprotected exposure of site workers to this noise during field activities can result in noise induced hearing loss. The SHSO will monitor the noise exposure for the initial trip and determine whether noise protection is warranted for each of the team members. The SHSO will ensure that either ear muffs or disposable foam earplugs are made available to all personnel and are used by the personnel in the immediate vicinity of the field operation as required.

3.4 Chemical Hazards

3.4.1 General Description

There is low potential for VOC and SVOC contamination because the site has been either a vacant lot or utilized for parking cars on top of an asphalt layer.

Potential chemical hazards below the building slab are evaluated below. It is anticipated that petroleum compounds and dust could be of concern. The potential for exposure to vapors, contaminated dusts, and contaminated soil/groundwater is of utmost concern.

3.4.2 Potential Chemical Health Hazards

Benzene

Exposure to benzene above the Permissible Exposure Limit (PEL) may produce skin irritation with potential for redness, blistering and burning. Overexposure may also result in irritation of the mucous membranes for the upper respiratory tract, nose and mouth causing difficulty breathing and possible pulmonary edema. Symptoms of exposure include headache, confusion, dizziness and tightening of the leg muscles. The OSHA PEL for benzene is 1 ppm. The American Conference of Governmental Industrial Hygienists recommends a Threshold Limit Value (TLV) of 0.5 ppm for benzene based on classification as a confirmed human carcinogen.

Toluene

Exposure to the vapors of toluene above the Permissible Exposure Limit (PEL) may produce irritation of the mucous membranes of the upper respiratory tract, nose and mouth. Overexposure may also result in depression of the central nervous system. Symptoms of such exposure include drowsiness, headache, fatigue and intoxicated behavior. The PEL for toluene is 200 ppm. The American Conference of Governmental Industrial Hygienists (ACGIH) recommends a Threshold Limit Value (TLV) of 50 ppm for toluene due to effects on the central nervous system.

Xylene

Xylene is a flammable, colorless liquid with an OHSA PEL of 100 ppm. Inhalation of xylene vapors above the PEL may result in motor activity changes, headaches, dizziness, drowsiness and intoxicated behavior. Inhalation can also cause nose, throat and respiratory tract irritation, causing difficulty in breathing and possible pulmonary edema on high exposure. Xylene vapors are also irritating to the eye and potential redness, blistering and serious burning of the skin. Xylene can pass through intact skin to cause systemic effects, including narcosis. The ACGIH recommends a TLV of 100 ppm for xylene due to irritant effects.

Methyl Tertiary-Butyl Ether (MTBE)

Methyl tertiary-butyl ether is a chemical compound that is manufactured by the chemical reaction of methanol and isobutylene. MTBE is almost exclusively used as a fuel additive in motor gasoline. It is one of a group of chemicals commonly known as “oxygenates” because they raise the oxygen content of gasoline. At room temperature, MTBE is a volatile, flammable and colorless liquid that dissolves rather easily in water.

The majority of the human health-related research conducted to date on MTBE has focused on effects associated with the inhalation of the chemical. When research animals inhaled high concentrations of MTBE, some developed cancers or experienced other non-cancerous health effects. OSHA has not established a PEL or MTBE. The ACGIH has established a TLV of 50 ppm based on its effects on the kidney and reproductive system and gives it an A3 carcinogenicity rating. This means that it is a known animal carcinogen with unknown significance to humans.

Lead

The effects of lead exposure are long-term in nature. Early signs of lead poisoning include fatigue, headache, uneasy stomach, metallic taste and irritability. Later signs include memory loss, nausea, muscle/joint pains, stomachaches, weight loss and kidney problems.

Lead dust can be inhaled. Particles of lead can be swallowed if lead gets on clothing, hands or beard or into food or drinks. There will be no eating, drinking or smoking in the work area (the tunnels and access rooms). It will also be important to wash your hands and face before eating, drinking, or smoking outside of the work area.

PCBs

Polychlorinated biphenyls are mixtures of up to 209 individual chlorinated compounds (known as congeners). There are no known natural sources of PCBs. PCBs are either oily liquids or solids that are colorless to light yellow. Some PCBs can exist as a vapor in air. PCBs have no known smell or taste. Many commercial PCB mixtures are known in the U.S. by the trade name Aroclor.
Exposure to PCBs causes eye irritation, chloracne and liver toxicity. Arochlor 1254 is a known animal carcinogen that may or may not cause cancer in humans. PCBs are readily absorbed through the skin. The OSHA PEL ranges from 0.5-1 mg/m3. The ACGIH has also set TLVs between 0.5-1 mg/m^3 based on its irritant effects and its ability to cause chloracne and liver damage.

Polycyclic Aromatic Hydrocarbons (PAHS or SVOCs)-

PAHs are a group of over 100 different chemicals that are formed during the incomplete burning of coal, oil and gas, garbage, or other organic substances such as tobacco or charbroiled meat. PAHs are regulated based on effects of respiratory tract and skin irritation as well as eye irritation and nervous system disturbances. Acute exposures cause difficulty in breathing, skin/eye irritation and burns.

The Occupational Safety and Health Administration (OSHA) have set a limit of 0.2 milligrams of PAHs per cubic meter of air (0.2 mg/m^3). The OSHA

Permissible Exposure Limit (PEL) for mineral oil mist that contains PAHs is 5 mg/m³ averaged over an 8-hour exposure period.

The National Institute for Occupational Safety and Health (NIOSH) recommends that the average workplace air levels for coal tar products not exceed 0.1 mg/m³ for a 10-hour workday, within a 40-hour workweek. There are other limits for workplace exposure for things that contain PAHs, such as coal, coal tar, and mineral oil.

Pesticides

A pesticide is a substance or mixture of substances intended to prevent, destroy, repel or mitigate any pest. The health effects of pesticides depend on the type of pesticide. Some such as organophosphates and carbamates, affect the nervous system. Others may irritate the skin or eyes. Other may affect the hormone or endocrine system in the body. EPA human health risk assessments for many pesticides are available at http://cfpub.epa.gov/oppref/rereg/status.cfm.

Arsenic

Arsenic is a naturally occurring element combined with oxygen, chlorine and sulfur to form inorganic arsenic compounds. Overexposure to arsenic may cause vomiting, ulceration of the nasal septum, hoarse voice, sore throat, numbness in extremities, respiratory irritation, and skin/eye irritation. The EPA has set limits on the amount of arsenic that industrial sources can release to the environment and has restricted or cancelled many of the uses of arsenic in pesticides. EPA has set a limit of 0.01 parts per million (ppm) for arsenic in drinking water.
The Occupational Safety and Health Administration (OSHA) have set a permissible exposure limit (PEL) of 10 micrograms of arsenic per cubic meter of workplace air (10 µg/m³) for 8 hour shifts and 40 hour work weeks.

Mercury

Mercury occurs naturally in the environment and exists in several forms. Overexposure may cause headache, drowsiness or insomnia, weakness, and pink skin on hands and feet. OSHA regulates levels of mercury in the workplace. It has set limits of 0.1 milligrams of mercury per cubic meter of air (mg/m³) for organic mercury and 0.05 mg/m³ for metallic mercury vapor in workplace air to protect workers during an 8-hour shift and a 40-hour workweek. NIOSH recommends that the amount of metallic mercury vapor in workplace air be limited to an average level of 0.05 mg/m³ during a 10-hour work shift.

3.4.3 First Aid

If soil comes in contact with the eyes immediately wash the eyes with large amounts of water, occasionally lifting the lower and upper lids. Contact lenses

should not be worn but can be protected by safety glasses/goggles. If lead contaminated soil comes in contact with the skin, wash the skin with soap and water prior to leaving the site. If a person breathes in large amounts of dust, move the exposed person to fresh air at once. If contaminated soil has been swallowed, get medical attention immediately (NIOSH, 1987).

4.0 PERSONNEL TRAINING REQUIREMENTS

Consistent with OSHA 29 CFR 1910.120 regulation covering Hazardous Waste Operations and Emergency Response, all site personnel are required to be trained in accordance with the standard. At a minimum, all personnel are required to be trained to recognize the hazards on-site, the provisions of this HASP, and the responsible personnel. The SHSO at the site pre-entry briefing(s) or periodic site briefings will discuss this plan.

5.0 PERSONNEL PROTECTIVE EQUIPMENT TO BE USED

This section describes the general requirements of the EPA designated Levels of Protection (A through D), and the specific levels of protection required for each task at the Site.

5.1 Levels of Protection

Personnel will wear the appropriate protective equipment when response activities involve known or suspected atmospheric contamination, vapors, gases, or particulates may be generated by site activities, or when direct contact with skin-affecting substances may occur. Full facepiece respirators protect lungs, gastrointestinal tract, and eyes against airborne toxicants. Chemical-resistant clothing protects the skin from contact with skin-destructive and absorbable chemicals.

The specific levels of protection and necessary components for each have been divided into four categories according to the degrees of protection afforded:

Level A: Should be worn when the highest level of respiratory, skin, and eye protection is needed.

Level B: Should be worn when the highest level of respiratory protection is needed, but a lesser level of skin protection. Level B is the primary level of choice when encountering unknown environments.

Level C: Should be worn when the criteria for using air-purifying respirators are met, and a lesser level of skin protection is needed.

Level D: Should be worn only as a work uniform and not in any area with respiratory or skin hazards. It provides minimal protection against chemical hazards.

Modifications of these levels are permitted, and routinely employed during site work activities to maximize efficiency. For example, Level C respiratory protection and Level D skin protection may be required for a given task. Likewise the type of chemical protective ensemble (i.e., material, format) will depend upon contaminants and degrees of contact.

The Level of Protection selected is based upon the following:

- Type and measured concentration of the chemical substance in the ambient atmosphere and its toxicity.
- Potential for exposure to substances in air, liquids, or other direct contact with material due to work being done.
- Knowledge of chemicals on-site along with properties such as toxicity, route of exposure, and contaminant matrix.

In situations where the type of chemical, concentration, and possibilities of contact are not known, the appropriate Level of Protection must be selected based on professional experience and judgment until the hazards can be better identified.

5.2 Level D Personnel Protective Equipment:

- Disposable Tyvek^{R} coveralls (as needed)
- Disposable Nitrile Exam gloves (as needed)
- Disposable Tyvek^{R} booties (as needed)
- Steel-tipped work boots
- Safety glasses
- Hard hat
- 3M N95 Dust Masks with Exhalation Valves (if needed)

5.3 Reassessment of Protection Program

The Level of Protection provided by PPE selection shall be upgraded or downgraded based upon changes in site conditions or investigation findings. When a significant change occurs, the hazards should be reassessed. Some indicators of the need for reassessment are:

- Commencement of a new work phase.
- Change in job tasks during a work phase.
- Change of season/weather
- When temperature extremes or individual medical considerations limit the effectiveness of PPE.
- Change in work scope, which affects the degree of contact with contaminants.

5.4 Work Mission Duration

Before the workers actually begin work in their PPE ensembles, the anticipated duration of the work mission will be established. Several factors limit mission length, including:

- Air supply consumption (SCBA use)-**Not Applicable.**
- Suit/Ensemble permeation and penetration rates for chemicals-**Not Applicable.**
- Ambient temperature and weather conditions (heat stress/cold stress).
- Capacity of personnel to work in PPE.

5.5 Personal Protective Equipment Recommended for Site

The following specific clothing materials are recommended for the site:

A. Soil Sampling – Level D

Site activities will require PPE as follows: hardhat, disposable Tyvek^R coveralls (if needed), disposable Tyvek^R booties (if needed), safety glasses and chemical resistant gloves. Particulate respirator-3M N95 Dust Masks with exhalation valves will be available.

5.6 SOP for Personal Protective Equipment

Proper inspection of PPE features several sequences of inspection depending upon specific articles of PPE and it's frequency of use. The different levels of inspection are as follows:

- Inspection and operation testing of equipment received from the factory or distributor.
- Inspection of equipment as it is issued to workers.
- Inspection after use or training and prior to maintenance.
- Periodic inspection of stored equipment.
- Periodic inspection when a question arises concerning the appropriateness of the selected equipment, or when problems with similar equipment arise.
- The primary inspection of the PPE in use for activities at the Site will occur prior to immediate use and will be conducted by the user. This ensures that the specific device or article has been checked-out by the user and that the user is familiar with its use.

TABLE 5.1
SAMPLE PPE INSPECTION CHECKLIST

CLOTHING

Before use:

- Determine that the clothing material is correct for the specified task at hand.
- Visually inspect for:
  - Imperfect seams
  - Non-uniform coatings
  - Tears
  - Malfunctioning closures
- Hold up to light and check for pinholes.
- Flex product:
  - Observe for cracks
  - Observe for other signs of shelf deterioration
- If the product has been used previously, inspect inside and out for signs of chemical attack:
  - Discoloration
  - Swelling
  - Stiffness

During the work task:

- Evidence of chemical attack such as discoloration, swelling, stiffening, and softening. Keep in mind, however, that chemical permeation can occur without any visible effects.
- Closure failure.
- Tears.
- Punctures.
- Seam Discontinuities.

GLOVES

Before use:

- Visually inspect for:
  - Imperfect seams
  - Tears
  - Non-uniform coating
  - Pressurize glove with air; listen for pinhole leaks.

5.7 Specific Levels of Protection Planned for the Site

The following levels of protection will be utilized during activities at the Site:

- Level D

6.0 FREQUENCY AND TYPES OF AIR MONITORING/SAMPLING

This section explains the general concepts of an air-monitoring program and specifies the surveillance activities that will take place during project completion at the Site.

The purpose of air monitoring is to identify and quantify airborne contaminants in order to verify and determine the level of worker protection needed. Initial screening for identification is often qualitative, i.e., the contaminant, or the class to which it belongs, is demonstrated to be present, but the determination of its concentration (quantification) must await subsequent testing. Two principal approaches are available for identifying and/or quantifying airborne contaminants:

- The on-site use of direct-reading instruments.
- Laboratory analysis of air samples obtained by a gas-sampling bag, collection media (i.e., filter, sorbent) and/or wet-contaminant collection methods.

6.1 Direct-Reading Monitoring Instruments

Unlike air sampling devices, which are used to collect samples for subsequent analysis in a laboratory, direct-reading instruments provide information at the time of sampling, enabling rapid decision-making. Data obtained from the real-time monitors are used to assure proper selection of personnel protection equipment, engineering controls, and work practices. Overall, the instruments provide the user the capability to determine if site personnel are being exposed to concentrations that exceed exposure limits or action levels for specific hazardous materials.

Of significant importance, especially during initial entries, is the potential for IDLH conditions or oxygen deficient atmospheres. Real-time monitors can be useful in identifying any IDLH conditions, toxic levels of airborne contaminants, flammable atmospheres, or radioactive hazards. Periodic monitoring of conditions is critical, especially, as exposures may have increased since initial monitoring or if new site activities have commenced.

6.2 Site Air Monitoring and Sampling Program

A. Air Monitoring Instruments

• Organic Vapor Monitoring

<u>Instrument :Photoionization Detector</u> (PID) with for use during all intrusive activities (10.6 Ev lamp).

<u>Instrument: Detector Tubes</u> – for measuring benzene and vinyl chloride concentrations.

Monitoring for organic vapors will be conducted in the breathing zone of employees using a PID during intrusive activities. Refer to Table 6.1 for total volatile organic vapor and benzene action levels.

- **Combustible Gas Monitoring**

Instrument: Combustible Gas Indicator (CGI)/ Oxygen Meter

Continuous air monitoring with a CGI/Oxygen meter will be conducted in areas where flammable vapors or gases are suspected. All work activities must stop where the monitor indicates the concentration of flammable vapors exceeds ten percent of the lower flammable limit (LEL) at a location with a potential ignition source. The area must be ventilated to reduce the concentration to below ten percent of the LEL.

- **Dust Monitoring**

Instrument: TSI DustTrak Model 8520 (or equivalent)

Continuous dust monitoring during all site activities will be conducted. Dust mitigation must be employed should readings exceed 10 mg/m3.

- **Calibration and Record keeping**

Equipment used will be calibrated in accordance with the manufacturers' specifications. The PID and CGI will be calibration checked before and after use under approximately the same conditions at which the instrument will be used. Calibration information will be kept in the field notebook or instrument log. The date, time, location, instrument serial number, calibration gas and concentration, will be noted.

B. Action Levels

TABLE 6.1

SITE AIR MONITORING AND SAMPLING PROGRAM SUMMARY

Instrument	Action Level	Action
PID (10.6 ev)	Continuous readings to 9ppm	Remain in level D PPE.
PID	Continuous reading of 10 to 100 ppm above background	Level D PPE but screen with Drager detection tube for benzene. If benzene detected >1 ppm upgrade to Level C and wear an organic vapor (OV) cartridge/air-purifying respirator (APR). Investigate source.
PID	Continuous reading over 100 ppm background	Stop Work. Reevaluate work conditions and procedures, Contact SHSO prior to continuing for authorization.
Drager Tubes:	1- 10 ppm	Upgrade PPE to level C with OV/APR.

Benzene		
Drager Tubes: Benzene	>10 ppm	Stop Work . Reevaluate work conditions and procedures. Contact SHSO prior to continuing for authorization.
Combustible Gas Indicator	Continuous reading of 0% to 1% lower explosive level (LEL).	Remain in level D PPE. If no benzene present, assume source is methane. Continuously monitoring LEL.
Combustible Gas Indicator	Continuous reading of 1% to 10% LEL	Level D unless benzene is present. Investigate source and ventilate, if possible. SHSO may require upgrade to Level C PPE.
Combustible Gas Indicator	Continuous reading > 10% LEL	Stop Work. Evacuate work area and ventilate source of combustible gas, if possible, Contact SHSO prior to continuing for authorization.
Dust Monitor	Continuous reading >10.0 mg/m^3	Suppress by spraying the dusty area with water.

Notes: PEL = Occupational Safety and Health Administration (OSHA) Permissible Exposure Limit
REL = National Institute of Occupational Safety and Health (NIOSH) Recommended Exposure Limit
TLV = American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value

C. Reporting Format

- Air Monitoring Log

6.3 Site Ambient Air Sampling

A. Sampling Criteria

A site ambient air sampling program will be considered if the following criteria are met:

1. Meteorological conditions
2. Health and safety observations
3. Particulate levels are two to three times above background.
4. Site specific activities
5. Site activity increases airborne contaminant(s) exposure potential.

7.0 SITE CONTROL MEASURES

The following section defines measures and procedures for maintaining site control. Site control is an essential component in the implementation of the site health and safety program.

7.1 Buddy System

During all Level B, C or D activities or when some conditions present a risk to personnel, the implementation of a buddy system is recommended if not mandatory. A buddy system requires at least two (2) people to work as a team, each looking out for each other. Table 8.1 lists those tasks, which require a buddy system and any additional site control requirements.

TABLE 7.1	
PERSONNEL REQUIREMENTS	
Task	**Control Measures**
Soil Sampling	Line of sight, buddy system

7.2 Site Communications Plan

Successful communications between field teams and personnel in the support zone is essential. The following communications systems will be available during activities at the Site.

- Hand Signals
- Direct Vocal Communication
- For hand signal communications, the following definitions will apply during activities at the Site:

TABLE 7.2	
HAND SIGNAL DEFINITIONS	
Signal	**Definition**
Hands clutching throat	Out of air/cannot breath
Hands on top of head	Need assistance
Thumbs up	OK/I am all right/I understand
Thumbs down	No/Negative
Arms waving upright	Send backup support
Grip partners wrist	Exit area immediately

7.3 Work Zone Definition

The three general work zones established at the Site are the Exclusion Zone, Contamination Reduction Zone, and Support Zone. One of the basic elements of effective site soil remediation activities is the delineation of work zones. The purpose of establishing work zones is to:

- Reduce the accidental spread of hazardous substances by workers or equipment from the contaminated areas to the clean areas;
- Confine work activities to the appropriate areas, thereby minimizing the likelihood of accidental exposures;
- Facilitate the location and evacuation of personnel in case of an emergency; and
- Prevent unauthorized personnel from entering controlled areas.

Although a site may be divided into as many zones as necessary to ensure minimal employee exposure to hazardous substances, this plan uses the three most frequently identified zones in similar projects. These zones are the Exclusion Zone, the Decontamination Zone, and the Support Zone (sometimes referred to by others as the "clean zone"). Movement of personnel and equipment between these zones should be minimized and restricted to specific access control points to minimize the spreading of contamination, if encountered.

7.3.1 Exclusion Zone

The Exclusion Zone is the area where contamination is either known or expected to occur and where the greatest potential for exposure exists. No contamination is actually known to exist on this site. Therefore, the following protective measures will be taken in the Exclusion Zone.

Unprotected onlookers will be restricted from suspicious pre-screened soils requiring sampling such that they are 25 feet upwind or 50 feet downwind of excavation or drilling activities.

Those conducting activities and sampling in the Exclusion Zone will wear the applicable Personal Protective Equipment (PPE). The actions to be taken and PPE to be worn in the Exclusion Zone if VOCs are determined with the PID to be above background are described in Section 6 and Table 6.1.

7.3.2 Decontamination Zone

A Decontamination Zone will be established between the Exclusion Zone and the Support Zone, and will include the personnel, equipment and supplies that are needed to decontaminate equipment and personnel. The size will be selected by the SHSO to be sufficient to conduct the necessary decontamination activities. Personnel and equipment in the Exclusion Zone must pass through this zone before leaving or entering the Support Zone. This zone should always be established and maintained upwind of the Exclusion Zone.

7.3.3 Support Zone

The Support Zone will surround the Decontamination Zone and the Exclusion Zone. Break areas, operational direction and support facilities will be located in this area. Eating, smoking and drinking will be allowed only in this area.

7.4 Nearest Medical Assistance

Figure 7.1 shows a map of the route to the Flushing Hospital Medical Center (718-670-5000), which is the nearest hospital that can provide emergency care for individuals who may experience an injury or exposure on site. The route to the hospital will be verified by the SHSO, and will be familiar to all site personnel.

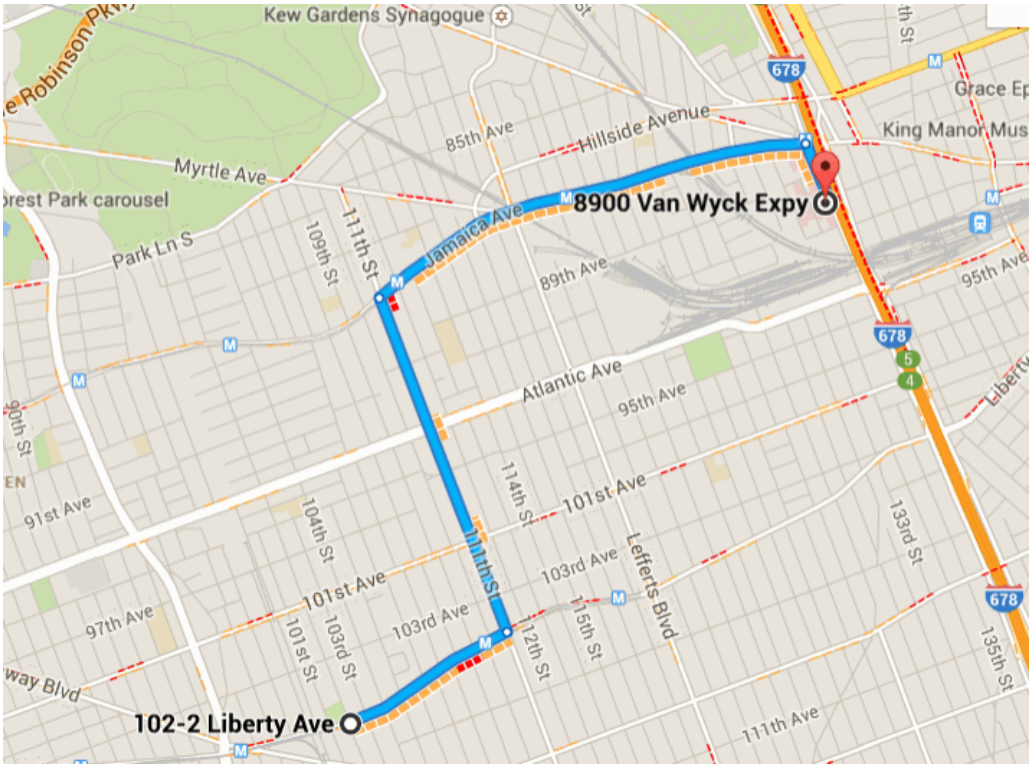


FIGURE 7.1

It should be noted that the directions to the nearest hospital start at 102-2 Liberty Ave. Not 102-14/16 Liberty Avenue. This is because 102-14/16 is currently vacant and not recognized. 102-2 Liberty Ave is the western adjacent property.

Directions	Distance
102-14 Liberty Avenue, Ozone Park, NY 11417	
1. Head east on Liberty Ave toward 103rd St	0.5 mi
2. Turn left onto 111th St	0.9 mi
3. Turn right onto Jamaica Ave	1.2 mi
4. Turn right onto Van Wyck Expressway State Rd W	
Destination will be on the right	0.2 mi
8900 Van Wyck Expressway, Jamaica, NY 11418	

Total Est. Time: Drive 2.7 mi, 8 min

Start:

Start at 102-14 Liberty Avenue, QUEENS New York

End:

JAMAICA HOSPITAL MEDICAL CENTER
(718) 883-3000
8900 Van Wyck Expressway, Jamaica, NY 11418

7.5 Safe Work Practices

Table 7.3 provides a list of standing orders for the Exclusion Zone.
Table 7.4 provides a list of standing orders for the Decontamination Zone.

7.6 Emergency Alarm Procedures

The warning signals described in Section 9.4 "Evacuation Routes and Procedures," will be deployed in the event of an emergency. Communication signals will also be used according to Section 7.2.

TABLE 7.3
STANDING ORDERS FOR EXCLUSION ZONE

- No smoking, eating, or drinking in this zone.
- No horseplay.
- No matches or lighters in this zone.
- Check-in on entrance to this zone.
- Check-out on exit from this zone.
- Implement the communications system.
- Line of sight must be in position.
- Wear the appropriate level of protection as defined in the HASP.

TABLE 7.4
STANDING ORDERS FOR CONTAMINATION REDUCTION ZONE

- No smoking, eating, or drinking in this zone.
- No horseplay.
- No matches or lighters in this zone.
- Wear the appropriate level of protection.

8.0 DECONTAMINATION PLAN

Consistent with the levels of protection required, the decontamination table(s) provides a step-by-step representation of the personnel decontamination process. These procedures should be modified to suit site conditions and protective ensembles in use.

8.1 Standard Operating Procedures

Decontamination involves the orderly controlled removal of contaminants. Standard decontamination sequences are presented in Table 8.1. All site personnel should minimize contact with contaminants in order to minimize the need for extensive decontamination. Personnel shall clean on-site as much gross contamination from clothing and equipment, as possible.

8.2 Levels of Decontamination Protection Required for Personnel

The levels of protection required for personnel assisting with decontamination will be Level D. The SHSO is responsible for monitoring decontamination procedures and determining their effectiveness.

8.3 Equipment Decontamination

Sampling equipment will be dedicated to each sample as practicable. Appendix A is the decontamination protocol for equipment. After on-site decontamination, non-disposable materials, such as gloves and booties, will be placed in plastic bags and for proper disposal off site.

8.4 Disposition of Decontamination Wastes

Contaminated disposable materials will be left in a secured condition on-site.

TABLE 8.1	
LEVEL D DECONTAMINATION STEPS	
Step 1	Remove outer garments (i.e., coveralls) and boots
Step 2	Remove gloves
Step 3	Wash hands and face

9.0 EMERGENCY RESPONSE/CONTINGENCY PLAN

This section describes contingencies and emergency planning procedures to be implemented at the Site. This plan is compatible with local, state and federal disaster and emergency management plans, as appropriate.

9.1 Pre-Emergency Planning

During the site briefing held periodically/daily, all employees will be trained in and reminded of provisions of the emergency response plan, communication systems, and evacuation routes. Table 9.1 identifies potential hazards associated with site activities, along with the available emergency prevention/control equipment and its location. The plan will be reviewed and revised, if necessary, on a regular basis by the SHSO. This will ensure that the plan is adequate and consistent with prevailing site conditions.

TABLE 9.1		
EMERGENCY RECOGNITION/CONTROL MEASURES		
HAZARD	**PREVENTION/CONTROL**	**LOCATION**
Fire/Explosion	Fire Extinguisher	Site Trailer and Heavy Equipt. mounted
Spill	Sorbent Materials	Not Applicable
Air Release	Evacuation Routes	Not Applicable

9.2 Personnel Roles and Lines of Authority

The Site Supervisor has primary responsibility for responding to and correcting emergency situations. This includes taking appropriate measures to ensure the safety of site personnel and the public. Possible actions may involve evacuation of personnel from the site area, and evacuation of adjacent residents. He/she is additionally responsible for ensuring that corrective measures have been implemented, appropriate authorities notified and follow-up reports completed. The SHSO may be called upon to act on the behalf of the site supervisor, and will direct responses to any medical emergency. The individual contractor organizations are responsible for assisting the project manager in his/her mission within the parameters of their scope of work.

The Site Supervisor is: Philip Hoffken Jr. of JRH.

9.3 Emergency Recognition/Prevention

Table 3.1 provides a listing of chemical and physical hazards on-site. Additional potential hazards associated with site activities are listed in Table 9.1, along with the available emergency prevention/control equipment and its location. Personnel will be familiar with techniques of hazard recognition from preassignment training and site-

specific briefings. The SHSO is responsible for ensuring that prevention devices and equipment are available to personnel.

9.4 Evacuation Routes/Procedures

In the event of an emergency which necessitates an evacuation of the site, the following alarm procedures will be implemented:

- Insure that a predetermined location is identified off-site in case of an emergency, so that all personnel can be accounted for.

- Personnel will be expected to proceed to the closest site exit with their buddy, and mobilize to the safe distance area associated with the evacuation route. Personnel will remain at that area until the re-entry alarm is sounded or an authorized individual provides further instructions.

9.5 Emergency Contact/Notification System

The following list provides names and telephone numbers for emergency contact personnel. In the event of a medical emergency, personnel will take direction from the SHSO and notify the appropriate emergency organization(s). In the event of a fire or spill, the site supervisor will notify the appropriate local, state and federal agencies.

TABLE 9.2
List of Emergency Contacts

Organization	Contact	Telephone
Police	NYCPD	911
Fire	NYCFD	911
Hospital	JAMAICA HOSPITAL MEDICAL CENTER	(718) 883-3000
EPA Emergency Response Team		800-424-8802
NYSDEC	Spill Hotline	800-457-7362
National Response Center		800-424-8802
Center for Disease Control		404-488-4100
Chemtrec		800-424-9555

9.6 Emergency Medical Treatment Procedures

Any person who becomes ill or injured in the Exclusion Zone must be decontaminated to the maximum extent possible. If the injury or illness is minor, full decontamination should be completed and first aid administered prior to transport. If the patient's condition is serious, at least partial decontamination should be completed (i.e., complete disrobing of the victim and redressing in clean coveralls or wrapping in a blanket.) First

aid should be administered while awaiting an ambulance or paramedics. All injuries and illnesses must immediately be reported to the Site Supervisor.

Any person being transported to a clinic or hospital for treatment should take with them information on the chemical(s) they have been exposed to at the site. This information is included in Table 3.1.

Any vehicle used to transport contaminated personnel will be treated and cleaned as necessary.

9.7 Fires or Explosion

In the event of a fire or explosion, the local fire department should be summoned immediately. Upon their arrival, the project manager or designated alternate will advise the fire commander of the location, nature, and identification of the hazardous materials on site.

If it is safe to do so, site personnel may:

- Use fire fighting equipment available on site to control or extinguish the fire; and,
- Remove or isolate flammable or other hazardous materials, which may contribute to the fire.

9.8 Spill or Leaks

In the event of a spill or a leak from excavation or drilling equipment, including containers, site personnel will:

- Inform their supervisor immediately;
- Locate the source of the spillage and stop the flow if it can be done safely; and,
- Begin containment and recovery of the spilled materials.

9.9 Emergency Equipment/Facilities

The following emergency equipment/facilities will be utilized on-site.

TABLE 9.3	
LIST OF EMERGENCY EQUIPMENT/FACILITIES	
List of Emergency Equipment/Facilities	**Storage Location**
First Aid Kit	Support Zone
Fire Extinguisher	Support Zone
Spill Kits	Support Zone
Berm Materials	Support Zone
Eye Wash	Support Zone
Real Time Air Equipment	Exclusion Zone

10.0 REFERENCES

1. *Aldrich Chemical Book*, RTECS
2. *American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Values*
3. *Chemical Protective Clothing Performance Index Book,* Forsburg
4. *Dangerous Properties of Industrial Materials*, SAX and Lewis
5. *Emergency Response Guide Book,* DOT P 5800.5, 1990
6. *EPA 40 CFR 311 Health and Safety Regulations*
7. *EPA/Office of Emergency and Remedial Response/Environmental Response Team Standard Operating Safety Guide*
8. *Extremely Hazardous Substances,* EPA, Noyes
9. *Guide to Occupational Exposure Values* – 1992
10. *Guidelines for the Selection of Chemical Protective Clothing*, Little
11. *Handbook of Toxic and Hazardous Chemicals and Carcinogens*, Sittig, np (Noyes)
12. *Hazardous Chemicals Data Book*, G. Weiss, ndc (Noyes)
13. *Hazardous Chemicals Desk Reference*
14. *NIOSH/OSHA/USCG/EPA Occupational Health and Safety Guidelines*
15. *OHMTADS Database*
16. *OSHA 29 CFR 1910.120 Health and Safety Regulations*
17. *The Merck Index, an Encyclopedia of Chemicals, Drugs, and Biologicals*, Merck & Co., Inc.
18. *Threshold Limit Values and Biological Exposure Indices, ACGIH*, 1991-1992
19. *V.S.L.G. Chris Man*

APPENDIX A

EQUIPMENT CLEANING AND DECONTAMINATION PROCEDURES

APPENDIX A

STANDARD OPERATING PROCEDURES

EQUIPMENT CLEANING AND DECONTAMINATION PROCEDURES

Summary

Equipment, tools, materials, etc. used in the excavation/remediation and collection of samples at the site must be properly prepared and cleaned/decontaminated during and after each sampling event. The degree of cleaning/decontamination will be dependent upon site conditions and the nature and type of contamination, if present, the intent and goal(s) of the remediation, and data quality objectives, as well as other site-specific requirements. The importance of this action must be impressed upon the sampling team and those assisting the team, such as a backhoe or drill rig operator.

Procedure

1. Heavy Equipment Decontamination

All equipment, tools and materials associated with sampling events must be cleaned or decontaminated prior to usage. Items such as drill rigs, auger flights, trackhoes, and backhoes all present potential sources of contamination to environmental samples. Therefore, all heavy equipment utilized at a site must undergo the following decontamination procedures:

- the equipment will first be high pressure, hot washed or steam-cleaned with potable water; and,
- the equipment will be rinsed thoroughly with potable water.

Contain, collect and dispose of all decontamination fluids in accordance with site/project- specific requirements. The bucket of trackhoes and backhoes may be cleaned over the excavation allowing high pressure decontamination washwater to return to the excavation.

2. Cleaning of Field Sampling Equipment

All equipment and tools used to collect samples for chemical analyses, including spatulas, spoons, scoops, trowels, split-spoons, augers, etc. will be decontaminated using the following procedures:

- non-phosphate detergent wash;
- potable water or distilled/deionized water rinse; and
- air or oven-dry.

If the equipment, listed above, is to be stored for future use, allow to dry and then wrap in aluminum foil (shiny-side out) or seal in plastic bags. Collect or dispose of all decontamination fluids in accordance with site/project-specific requirements.

3. Personal Clothing Decontamination

All footwear worn in and around a contamination area will be washed down using soap and water to remove any soil or oily residue remnants. If disposable gloves, booties or suits (such as Tyvek® suits) are worn, these suits or booties are to be removed and disposed of in a designated 55-gallon drum on site for future disposal. Any other clothing that comes in contact with contaminated soil should not be worn more than 24-hours and should be washed prior to wearing again.

APPENDIX B

MSDSs

MATERIAL SAFETY DATA SHEET

Prepared to U.S. OSHA, CMA, ANSI and Canadian WHMIS Standards

PART I *What is the material and what do I need to know in an emergency?*

1. PRODUCT IDENTIFICATION

TRADE NAME (AS LABELED):	**MERCURY**
CHEMICAL NAME/CLASS:	Mercury; Element
SYNONYMS:	Colloidal Mercury, Quick Silver; Liquid Silver; NCI-C60399; Hydrargyrum
PRODUCT USE:	Variety of industrial, analytical, and research applications.
SUPPLIER/MANUFACTURER'S NAME:	**BETHLEHEM APPARATUS COMPANY**
ADDRESS:	890 Front Street Hellertown, PA 18055
EMERGENCY PHONE:	610-838-7034
BUSINESS PHONE:	610-838-7034
DATE OF PREPARATION:	May 20, 1997
DATE OF REVISION:	May 2, 2000

2. COMPOSITION and INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS #	%w/w	EXPOSURE LIMITS IN AIR					
			ACGIH-TLV		OSHA-PEL			OTHER
			TWA mg/m^3	STEL mg/m^3	TWA mg/m^3	STEL mg/m^3	IDLH mg/m^3	mg/m^3
Mercury Exposure limits are for Mercury, Inorganic Compounds	7439-97-6	100	0.025, (skin) A4 (Not Classifiable as a Human Carcinogen)	NE	Mercury Vapor: 0.5, Skin; (Vacated 1989 PEL)	0.1 (ceiling) Non-alkyl Mercury Compounds: 0.1 Ceiling, skin (Vacated 1989 PEL)	10	NIOSH REL: STEL = 0.1 (ceiling, skin) DFG MAKs: TWA = 0.1 PEAK = 10•MAK 30 min., momentary value Carcinogen: EPA-D; IARC-3, TLV-A4

NE = Not Established. See Section 16 for Definitions of Terms Used.

NOTE: ALL WHMIS required information is included in appropriate sections based on the ANSI Z400.1-1998 format. This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

3. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW: Mercury is a silver-white, odorless, heavy liquid. Mercury is highly toxic, irritating, and causes sensitization and neurological symptoms. The primary health hazard associated with overexposure to this product is the potential for irritation of skin, eyes, or other contaminated tissues. Mercury causes severe, adverse health effects after chronic exposure to low vapor levels; emergency response efforts must be directed to removal of all traces of this product. Mercury is not flammable, and is relatively stable (though it can react with many metals to form amalgams). Emergency responders must wear the personal protective equipment suitable for the situation to which they are responding.

SYMPTOMS OF OVER-EXPOSURE BY ROUTE OF EXPOSURE: The most significant routes of occupational over-exposure are inhalation and contact with skin and eyes. The symptoms of over-exposure to Mercury, via route of exposure, are as follows:

INHALATION: Long-term exposures to Mercury vapors present a severe health hazard. When inhaled, Mercury will be rapidly distributed throughout the body. During this time, Mercury will cross the blood-brain barrier, and become oxidized to the Hg(II) oxidation state. The oxidized species of Mercury cannot cross the blood-brain barrier and thus accumulates in the brain. Mercury in other organs is removed slowly from the body via the kidneys. The average half-time for clearance of Mercury for different parts of the human body is as follows: lung: 1.7 days; head: 21 days; kidney region: 64 days; chest: 43 days; whole body: 58 days.

Long-term inhalation over-exposures can lead to the development of a wide variety of symptoms, including the following: excessive salivation, gingivitis, anorexia, chills, fever, cardiac abnormalities, anemia, digestive problems, abdominal pains, frequent urination, an inability to urinate, diarrhea, peripheral neuropathy (numbness, weakness, or burning sensations in the hands or feet), tremors (especially in the hands, fingers, eyelids, lips, cheeks, tongue, or legs), alteration of tendon reflexes, slurred speech, visual disturbances, and deafness. Allergic reactions (i.e. breathing difficulty) may also occur in sensitive individuals.

The principal target organ associated with chronic Mercury exposures via inhalation is the central nervous system. Such exposures lead to the development of "Erethism". This syndrome consists of subtle or dramatic changes in behavior and personality: depression, fearfulness, restlessness, irritability, timidity, and indecision. These psychic and behavioral characteristics are often accompanied by insomnia, drowsiness, headache, and fatigue. In advanced cases, memory loss, hallucinations, and mental deterioration may occur.

Another, less common, syndrome associated with Mercury over-exposure is "Acrodynia". Symptoms of this syndrome include a pink color to the extremities, apathy, fever, kidney problems, sensitivity to light, generalized edema, and a painful scaling of the skin of the hands and feet. Other symptoms of chronic over-exposure to Mercury can include loosening of the teeth, inflammation of the mucous membranes, a dark blue line appearing along gingival margins, abnormal blushing, excessive sweating, and rashes. Reproductive effects, sexual disorders, and impotence may also develop in the event of Mercury over-exposure.

Short-term over-exposures to high concentrations of mercury vapors can lead to breathing difficulty, coughing, acute, chemical pneumonia, and pulmonary edema (a potentially fatal accumulation of fluid in the lungs). Depending on the concentration of over-exposure, cardiac abnormalities, damage to the kidney, liver or nerves and effects on the brain may occur.

If this product is heated, and exposure to Mercury fumes occurs, "Metal Fume Fever" may develop. This syndrome is a flu-like illness which occurs when metal oxides below 1.5 microns in size are inhaled. Symptoms of this syndrome may develop 4-12 hours after exposure and begin with the onset of thirst, metallic taste in the mouth, and symptoms of Mercury poisoning as described above. All symptoms generally subside within 24-36 hours after the over-exposure ends.

CONTACT WITH SKIN or EYES: Mercury can be irritating to contaminated skin and eyes. Symptoms of skin exposure can include redness, dry skin, and pain. Prolonged contact may lead to ulceration of the skin. Allergic reactions (i.e. rashes, welts) may occur in sensitive individuals. Dermatitis (redness and inflammation of the skin) may occur after repeated skin exposures. Symptoms of eye exposure can include redness, pain, and watery eyes. A symptom of Mercury exposure is discoloration of the lens of the eyes.

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM

HEALTH	(BLUE)	3
FLAMMABILITY	(RED)	0
REACTIVITY	(YELLOW)	0

PROTECTIVE EQUIPMENT | X

EYES	RESPIRATORY	HANDS	BODY
	See Section 8		See Section 8

For a variety of applications involving elemental Mercury.

See Section 16 for Definition of Ratings

SKIN ABSORPTION: Skin absorption is a significant route of potential over-exposure to Mercury. Currently, no quantitative estimates of the rate of penetration are available. Symptoms of such over-exposure would include redness and irritation of the contaminated area, as well as the development of symptoms described for "Inhalation".

INGESTION: Ingestion is not anticipated to be a significant route of occupational over-exposure. If Mercury is swallowed, symptoms of such over-exposure can include metallic taste in mouth, nausea, vomiting, central nervous system effects, and damage to the kidneys. Metallic mercury is not usually absorbed sufficiently from the gastrointestinal tract to induce an acute, toxic response. Damage to the tissues of the mouth, throat, esophagus, and other tissues of the digestive system may occur. Ingestion may be fatal, due to effects on gastrointestinal system and kidneys.

INJECTION: Injection is not anticipated to be a significant route of over-exposure for this product. If Mercury is injected (i.e. though abrasions and lacerations of the skin), local redness and pain will occur. Other symptoms of such exposure can include the development of embolisms (Mercury blocking a vein or artery), malaise, chest pain, and difficulty in breathing.

HEALTH EFFECTS OR RISKS FROM EXPOSURE: An Explanation in **Lay Terms**. The most severe health effects associated with Mercury exposure are related to long-term exposures to vapors. In the event of over-exposure, the following symptoms may be observed:

ACUTE: Mercury can be irritating to contaminated skin and eyes. Short-term over-exposures to high concentrations of mercury vapors can lead to breathing difficulty, coughing, acute, and potentially fatal lung disorders. Depending on the concentration of inhalation over-exposure, heart problems, damage to the kidney, liver or nerves and effects on the brain may occur.

CHRONIC: Long-term over-exposure can lead to a wide range of adverse health effects. Anyone using Mercury must pay attention to personality changes, weight loss, skin or gum discolorations, stomach pains, and other signs of Mercury over-exposure. Gradually developing syndromes ("Erethism" and "Acrodynia") are indicative of potentially severe health problems. Mercury can cause the development of allergic reactions (i.e. dermatitis, rashes, breathing difficulty) upon prolonged or repeated exposures. Refer to Section 11 (Toxicology Information) for additional data.

TARGET ORGANS: ACUTE: Skin, eyes, respiratory system, central nervous system, brain. CHRONIC: Skin, respiratory system, central nervous system, brain, blood system, kidneys, and reproductive system.

PART II *What should I do if a hazardous situation occurs?*

4. FIRST-AID MEASURES

Contaminated individuals must be taken for medical attention. Rescuers should be taken for medical attention, if necessary. Take a copy of label and MSDS to health professional with victim.

SKIN EXPOSURE: If Mercury contaminates the skin, immediately begin decontamination with running water. Minimum flushing is for 15 minutes. Remove exposed or contaminated clothing, taking care not to contaminate eyes. The contaminated individual must seek immediate medical attention.

EYE EXPOSURE: If Mercury contaminates the eyes, open the victim's eyes while under gently running water. Use sufficient force to open eyelids. Have the contaminated individual "roll" eyes. Minimum flushing is for 15 minutes. The contaminated individual must seek immediate medical attention.

INHALATION: If Mercury vapors are inhaled, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Remove or cover gross contamination to avoid exposure to rescuers. The contaminated individual must seek immediate medical attention.

INGESTION: If Mercury is swallowed, CALL PHYSICIAN OR POISON CONTROL CENTER FOR MOST CURRENT INFORMATION. If professional advice is not available, induce vomiting. Have victim rinse mouth with water, or drink several cupfuls of water, if conscious. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or unable to swallow.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Preexisting respiratory problems, dermatitis, central nervous system disorders, kidney problems, and liver dysfunctions can be aggravated by exposure to this product.

RECOMMENDATIONS TO PHYSICIANS: Treatment for Mercury over-exposure must be given. The following treatment protocol for ingestion of Mercury is from Clinical Toxicology of Commercial Products (5th Edition, 1984).

1. As soon as possible, have patient drink milk or slurry of activated charcoal to help precipitate mercury in the stomach.
2. Gastric lavage with tap water, milk, or 2-5% solution of sodium bicarbonate, unless spontaneous vomiting is intense and productive,
3. Administer through the lavage tube 0.5-1.0 oz. of sodium or magnesium sulfate in 6-8 oz. of water (unless spontaneous purging has already begun) and a slurry of activated charcoal.
4. Administer BAL (Dimercaprol; 3 mg/kg or 0.3 mL/10 kg) intramuscularly as a 10% solution in oil. If given within three hours after ingestion, severe renal damage may be prevented. Collect urine before and after BAL therapy for mercury analysis.
5. Demulcents (i.e. milk of magnesia, starch, bismuth subcarbonate) and analgesic drugs may be useful and necessary.

RECOMMENDATIONS TO PHYSICIANS (continued):

6. Because the BAL-Mercury Complex excreted in bile may be partly resorbed in the bowel, it is probably useful to administer activated charcoal every few hours, starting as soon as vomiting subsides.
7. Treat shock by correcting dehydration and electrolyte imbalances. If renal insufficiency develops, treat for acute renal failure.
8. The maintenance of an adequate nutritional status may be troublesome if gastrointestinal disorders becomes severe or persistent.
9. If toxic signs or symptoms recur after an apparent recovery, another course of chelation therapy is warranted. BAL is still appropriate, but a trial with D-Penicillamine or N-acetyl-D,L-penicillamine may be preferable. Either penicillamine compound is given by mouth, usually on an empty stomach, in a dose of 250 mg (4 times daily for adults; 3 times daily in children; 5-10 days). Penicillamine should be withheld until mercury is cleared out of the bowels. A chelating agent should be used until the urine-mercury level falls below 50μg/24 hours.

Laboratory Analysis: Determination of β2-Microglobulins has been recommended as a useful test for renal function. Electroencephalographic changes may be correlated closely with the clinical state. Analysis of the blood, hair, urine, or feces can be done to determine the level of Mercury exposure. Mercury deposits in the body can be observed in X-Rays.

5. FIRE-FIGHTING MEASURES

FLASH POINT: Not flammable.
AUTOIGNITION TEMPERATURE: Not applicable.
FLAMMABLE LIMITS (in air by volume, %): Lower (LEL): Not applicable.
Upper (UEL): Not applicable.

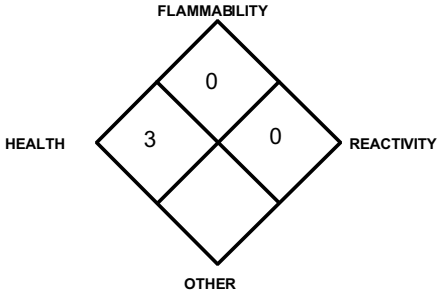
FIRE EXTINGUISHING MATERIALS:

Water Spray: YES	Carbon Dioxide: YES
Foam: YES	Dry Chemical: YES
Halon: YES	Other: Any "ABC" Class.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Mercury vapors and mercury oxides generated during fires involving this product are toxic; additionally, this element can be irritating to contaminated tissue. Therefore, this product presents a severe health hazard to firefighters. Mercury is not flammable, and is relatively stable (though it can react with many metals to form amalgams).

Explosion Sensitivity to Mechanical Impact: Not sensitive.
Explosion Sensitivity to Static Discharge: Not sensitive.

NFPA RATING



See Section 16 for Definition of Ratings

SPECIAL FIRE-FIGHTING PROCEDURES: Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Move fire-exposed containers if it can be done without risk to firefighters. Apply cooling water to sides of containers that are exposed to flame until well after fire is out. Decontaminate all equipment thoroughly after the conclusion of fire-fighting activities. If possible, prevent run-off water from entering storm drains, bodies of water, or other environmentally sensitive areas.

6. ACCIDENTAL RELEASE MEASURES

SPILL AND LEAK RESPONSE: Uncontrolled releases should be responded to by trained personnel using pre-planned procedures. Proper protective equipment should be used. In case of a Mercury release, clear the affected area, protect people, and respond with trained personnel. In the event of a release under 1 pound of Mercury, the minimum Personal Protective Equipment should be **Level C: triple-gloves (rubber gloves and nitrile gloves over latex gloves), chemical resistant suit and boots, hard-hat, and Air-Purifying Respirator with cartridge appropriate for Mercury. Level B, which includes Self-Contained Breathing Apparatus, must be worn if the amount of Mercury released is over 1 pound or when the concentration of oxygen in atmospheres is less than 19.5% or unknown.** If necessary, dike area of release with suitable absorbent materials. There are a variety of methods which can be used to clean-up Mercury spills. Use a commercially-available Mercury Spill Kit for small spills. A suction pump with aspirator can also be used during clean-up operations. For larger releases, a Mercury vacuum can be used. Calcium polysulfide or excess sulfur can also be used for clean-up. Mercury can migrate into cracks and other difficult-to-clean areas; calcium polysulfide and sulfur can be sprinkled effectively into these areas. Decontaminate the area thoroughly. The area should be inspected visually and with colorimetric tubes for Mercury to ensure all traces of Mercury have been removed prior to re-occupation by non-emergency personnel. Decontaminate all equipment used in response thoroughly. If such equipment cannot be adequately decontaminated, it must be discarded with other spill residue. Place all spill residue in an appropriate container, seal immediately, and label appropriately. Dispose of in accordance with U.S. Federal, State, and local hazardous waste disposal regulations and regulations of Canada and it's Provinces. (see Section 13, Disposal Considerations).

PART III *How can I prevent hazardous situations from occurring?*

7. HANDLING and STORAGE

WORK PRACTICES AND HYGIENE PRACTICES: As with all chemicals, avoid getting Mercury ON YOU or IN YOU. Wash thoroughly after handling this product. Avoid breathing vapors or spays of this product. Do not eat or drink while handling this product. Remove contaminated clothing immediately. Report all Mercury releases promptly. Clean-up all releases of this product immediately. Supervisors and other responsible personnel must be aware of personality changes, weight loss, or other signs of Mercury over-exposure in employees using this product; these symptoms can develop gradually and are indicative of potentially severe health effects related to Mercury contamination.

STORAGE AND HANDLING PRACTICES: All employees who handle this material should be trained to handle it safely. Use in a well-ventilated location. Open containers slowly on a stable surface. Drums, flask, and bottles of this product must be properly labeled. Empty containers may contain residual amounts of Mercury; therefore, empty containers should be handled with care. Store drums, flasks, and bottles in a cool, dry location, away from direct sunlight, sources of intense heat, or where freezing is possible. Store away from incompatible materials (see Section 10, Stability and Reactivity). Material should be stored in secondary containers or in a diked area, as appropriate. Keep drums, flasks, and bottles tightly closed when not in use. Storage areas should be made of fire-resistant materials. If appropriate, post warning signs in storage and use areas. Inspect all incoming containers before storage to ensure containers are properly labeled and not damaged.

PROTECTIVE PRACTICES DURING MAINTENANCE OF CONTAMINATED EQUIPMENT: Follow practices indicated in Section 6 (Accidental Release Measures). Make certain that application equipment is locked and tagged-out safely. Always use this product in areas where adequate ventilation is provided. Decontaminate equipment thoroughly before maintenance begins.

8. EXPOSURE CONTROLS - PERSONAL PROTECTION

VENTILATION AND ENGINEERING CONTROLS: Use with adequate ventilation to ensure exposure levels are maintained below the limits provided in Section 2 (Composition and Information on Ingredients), if applicable. Ensure eyewash/safety shower stations are available near areas where this product is used.

RESPIRATORY PROTECTION: Maintain airborne contaminant concentrations below exposure limits listed in Section 2 (Composition and Information on Ingredients), if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134) or equivalent U.S. State standards, and Canadian CSA Standard Z94.4-93. Oxygen levels below 19.5% are considered IDLH by OSHA. In such atmospheres, use of a full-facepiece pressure/demand SCBA or a full facepiece, supplied air respirator with auxiliary self-contained air supply is required under OSHA's Respiratory Protection Standard (1910.134-1998).The following respirator selection guidelines from NIOSH are provided for additional information:

RECOMMENDATIONS FOR MERCURY COMPOUNDS [except (organo) alkyls] (as Hg) CONCENTRATIONS IN AIR:

Up to 0.5 mg/m^3: Chemical cartridge respirator with cartridge(s) to protect against mercury compounds (an End-of-Service Life Indicator is required); or Supplied-Air Respirator (SAR).

Up to 1.25 mg/m^3: SAR operated in a continuous-flow mode; or powered air- purifying respirator with cartridge(s) to protect against mercury compounds (canister) (an End-of-Service Life Indicator is required.)

Up to 2.5 mg/m^3: Full-facepiece chemical cartridge respirator with cartridge(s) to protect against mercury compounds; or gas mask with canister to protect against mercury compounds; or SAR with a tight-fitting facepiece operated in a continuous-flow mode; or powered air-purifying respirator with a tight-fitting facepiece and cartridge(s) to protect against mercury compounds (canister) (an End-of-Service Life Indicator is required); or full-facepiece Self-Contained Breathing Apparatus (SCBA); or full-facepiece SAR.

Up to 10 mg/m^3: Positive pressure SAR.

Emergency or Planned Entry into Unknown Concentrations or IDLH Conditions: Positive pressure, full-facepiece SCBA; or positive pressure, full-facepiece SAR with an auxiliary positive pressure SCBA.

Escape: Gas mask with canister to protect against mercury compounds; or escape-type SCBA.

EYE PROTECTION: Splash goggles or safety glasses. For operations involving the use of more than 1 pound of Mercury, or if the operation may generate a spray of Mercury, the use of a faceshield is recommended.

HAND PROTECTION: Wear neoprene gloves for routine industrial use. Use triple gloves for spill response, as stated in Section 6 (Accidental Release Measures) of this MSDS.

BODY PROTECTION: Use body protection appropriate for task (i.e. lab coat, coveralls, Tyvek suit).

9. PHYSICAL and CHEMICAL PROPERTIES

RELATIVE VAPOR DENSITY (air = 1): 6.9

EVAPORATION RATE (n-BuAc = 1): Not determined.

SPECIFIC GRAVITY (water = 1): 13.5939

MELTING/FREEZING POINT: -38.87°C (-37.97°F)

SOLUBILITY IN WATER: Insoluble.

BOILING POINT: 356.72°C (674.1°F)

VAPOR PRESSURE, mm Hg @ 25°C: 0.002

pH: Not applicable.

ODOR THRESHOLD: Not applicable.

COEFFICIENT OF OIL/WATER DISTRIBUTION (PARTITION COEFFICIENT): Not available.

APPEARANCE, ODOR AND COLOR: Mercury is a silver-white, heavy liquid which is odorless.

HOW TO DETECT THIS SUBSTANCE (warning properties): The appearance of this product is a distinguishing characteristic.

10. STABILITY and REACTIVITY

STABILITY: Stable

DECOMPOSITION PRODUCTS: If this product is exposed to extremely high temperatures in the presence of oxygen or air, toxic vapors of mercury and mercury oxides will be generated.

MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE: Mercury is incompatible with acetylene and acetylene derivatives, amines, ammonia, 3-bromopropyne, boron diiodophosphide, methyl azide, sodium carbide, heated sulfuric acid, methylsilane/oxygen mixtures; nitric acid/alcohol mixtures, tetracarbonylnickel/oxygen mixtures, alkyne/silver perchlorate mixtures, halogens (i.e. chlorine, bromine) and strong oxidizers (i.e. chlorine dioxide, perchlorates). Mercury can attack copper and copper alloys. Additionally, mercury can react with many metals (i.e. calcium, lithium, potassium, sodium, rubidium, aluminum) to form amalgams.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Avoid exposure or contact to extreme temperatures, incompatible chemicals

PART IV *Is there any other useful information about this material?*

11. TOXICOLOGICAL INFORMATION

TOXICITY DATA: The specific toxicology data available for Mercury are as follows.

TDLo (Subcutaneous-Man) 254 mg/kg: Skin and Appendages: dermatitis, other (after systemic exposure)

TDLo (Oral-Man) 43 mg/kg: Behavioral: tremor; Liver: jaundice, other or unclassified, other changes

TDLo (Skin-Man) 129 mg/kg/5 hours-continuous: Sense Organs and Special Senses (Ear): tinnitus; Behavioral: headache; Skin and Appendages: dermatitis, allergic (after systemic exposure)

TDLo (Intravenous-Man) 571 µL/kg: Peripheral Nerve and Sensation: paresthesis; Lungs, Thorax, or Respiration: dyspnea; Skin and Appendages: sweating

TDLo (Intraperitoneal-Rat) 400 mg/kg/14 days-intermittent: Tumorigenic: equivocal tumorigenic agent by RTECS criteria, tumors at site of application

TCLo (Inhalation-Woman) 150 µg/m^3/46 days: Behavioral: wakefulness, anorexia (human); Gastrointestinal: hypermotility, diarrhea

TCLo (Inhalation-Man) 44300 µg/m^3/8 hours: Behavioral: muscle weakness; Liver: other changes; Nutritional and Gross Metabolic: body temperature increase

TCLo (Inhalation-Rat) 4 mg/m^3/2 hours/11 days-intermittent: Brain and Coverings: other degenerative changes; Kidney, Ureter, Bladder: other changes; Biochemical: Enzyme inhibition, induction, or change in blood or tissue levels: other Enzymes

TCLo (Inhalation-Rat) 1 mg/m^3/24 hours/5 weeks-continuous: Kidney, Ureter, Bladder: proteinuria

TCLo (Inhalation-Rat) 8 µg/m^3/6.5 hours/41 weeks-intermittent: Behavioral: alteration of classical conditioning

TCLo (Inhalation-Rat) 17 mg/m^3/2 hours/30 days-continuous: Brain and Coverings: other degenerative changes; Behavioral: alteration of classical conditioning, alteration of operant conditioning

TCLo (Inhalation-Rat) 890 ng/m^3/24 hours: male 16 week(s) pre-mating: Reproductive: Paternal Effects: spermatogenesis (incl. genetic material, sperm morphology, motility, and count)

TCLo (Inhalation-Rat) 7440 ng/m^3/24 hours: male 16 week(s) pre-mating: Reproductive: Fertility: post-implantation mortality (e.g. dead and/or resorbed implants per total number of implants)

TCLo (Inhalation-Rat) 1 mg/m^3/24 hours: female 1-20 day(s) after conception: Reproductive: Effects on Embryo or Fetus: fetotoxicity (except death, e.g., stunted fetus)

TCLo (Inhalation-Rat) 300 µg/m^3/4 hours: female 7-21 day(s) after conception: Reproductive: Specific Developmental Abnormalities: Central Nervous System

LCLo (Inhalation-Rabbit) 29 mg/m^3/30 hours

Cytogenetic Analysis (Unreported-Man) 150 µg/m^3

SUSPECTED CANCER AGENT: Mercury is listed as follows by agencies tracking carcinogenic potential:

ACGIH TLV-A4 (Not Classifiable as a Human Carcinogen: Agents which cause concern that they could be carcinogenic for humans, but which cannot be assessed conclusively because of a lack of data); EPA- D (Not Classifiable as to Human Carcinogenicity-Inadequate human and animal evidence of carcinogenicity or no data are available); IARC-3 (Possibly Carcinogenic to Humans)

Mercury is not found on the following lists: FEDERAL OSHA Z LIST, NTP, or CAL/OSHA and therefore is not considered to be, nor suspected to be, a cancer-causing agent by these agencies.

11. TOXICOLOGICAL INFORMATION (continued)

IRRITANCY OF PRODUCT: Mercury can be irritating to skin, eyes, or other contaminated tissue.

SENSITIZATION TO THE PRODUCT: Mercury is a sensitizer capable of causing allergic reactions (i.e. breathing difficulty, dermatitis, rashes) after prolonged or repeated over-exposures.

REPRODUCTIVE TOXICITY INFORMATION: Listed below is information concerning the effects of Mercury on the human reproductive system.

Mutagenicity: Human mutation data are available for Mercury; these data were obtained during clinical studies on specific human tissues exposed to high doses of this element.

Embryotoxicity: This product may cause embryotoxic effects in humans. Refer to the paragraph on "Teratogenicity" for additional information.

Teratogenicity: This product may cause teratogenic effects in humans. Intrauterine exposure may result in tremors and involuntary movements in the fetus. Mercury has also been reported to produce teratogenic effects in test animals.

Reproductive Toxicity: This product is reported to cause reproductive effects in humans. Impotence has been reported in over-exposed males. Women occupationally exposed have reported menstrual disturbances, reduced ovulation, and spontaneous abortions. Mercury is excreted in breast milk. Mercury has also been reported to produce adverse reproductive effects in test animals.

A mutagen is a chemical which causes permanent changes to genetic material (DNA) such that the changes will propagate through generational lines. An embryotoxin is a chemical which causes damage to a developing embryo (i.e. within the first eight weeks of pregnancy in humans), but the damage does not propagate across generational lines. A teratogen is a chemical which causes damage to a developing fetus, but the damage does not propagate across generational lines. A reproductive toxin is any substance which interferes in any way with the reproductive process.

BIOLOGICAL EXPOSURE INDICES: The following Biological Exposure Indices (BEIs) have been determined for Mercury.

CHEMICAL DETERMINANT	SAMPLING TIME	BEI
MERCURY • Total inorganic mercury in urine • Total inorganic mercury in blood	• Preshift • End of shift at end of workweek	• 35 μg/g creatinine • 15 μg/L

Note: Women of child-bearing potential, whose blood Pb exceeds 10 μg/dl, are at risk of delivering a child with a blood Pb over the current Center for Disease Control Quideline of 10 μg/dl. If the blood Pb of such children remains elevated, they may be at increased risk of cognitive deficits. The blood Pb of these children should be closely monitored and appropriate steps should be taken to minimize the child's exposure to environmental lead.

12. ECOLOGICAL INFORMATION

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

ENVIRONMENTAL STABILITY: Mercury is stable, and persists for long periods in ambient environmental conditions. The following environmental data are available for this element:

The biological half-life of mercury in fish is approximately 2 to 3 years. Mercury bioaccumulates and concentrates in the food chain. Concentration may be as much as 10,000 times that of water. Mercury is concentrated by animals, plants and fishes. Chinook salmon fed contaminated fingerlings concentrated Mercury in the liver and kidneys. Methyl mercury is formed naturally in aquatic and terrestrial environments from elemental mercury. Methylation is likely to occur in upper sedimentary layers of sea or lake bottoms.

EFFECT OF MATERIAL ON PLANTS or ANIMALS: Mercury can be harmful or fatal to contaminated plant or animal life.

EFFECT OF CHEMICAL ON AQUATIC LIFE: Mercury can be harmful or fatal to contaminated aquatic plant or animal life in contaminated bodies of water. The following aquatic toxicity data are available for Mercury:

MERCURY:

LC_{50} (Catfish) = 0.35 mg/L/ 96 hours (conditions of bioassay not specified)

LC_{50} (*Modiolus carvalhoi*) (mollusk) = 0.5 ppm / 48 hours; 0.19 ppm - 96 hours (conditions of bioassay not specified)

LC_{50} (*Rana hexadactyla*) (tadpoles) = 0.051 ppm / 96 hours (conditions of bioassay not specified)

13. DISPOSAL CONSIDERATIONS

PREPARING WASTES FOR DISPOSAL: Waste disposal must be in accordance with appropriate Federal, State, and local regulations. This product, if unaltered by use, should be recycled. If altered by use, recycling may be possible. Consult Bethlehem Apparatus Company for information. If Mercury must be disposed of as hazardous waste, it must be handled at a permitted facility or as advised by your local hazardous waste regulatory authority.

EPA WASTE NUMBER: Depending on the nature of the waste, one of the following RCRA codes will be applicable: U151 (Toxic Commercial Chemical Products/Mercury); D009 (Characteristic; Toxicity Characteristic Leaching Procedure; Regulated Level: 0.2 mg/L).

14. TRANSPORTATION INFORMATION

THIS MATERIAL IS HAZARDOUS AS DEFINED BY 49 CFR 172.101 BY THE U.S. DEPARTMENT OF TRANSPORTATION.

PROPER SHIPPING NAME:	Mercury
HAZARD CLASS NUMBER and DESCRIPTION:	8 (Corrosive Material)
UN IDENTIFICATION NUMBER:	UN 2809
PACKING GROUP:	PG III
DOT LABEL(S) REQUIRED:	Corrosive

NOTE: For transport by aircraft, Mercury must be packaged in packagings which meet the requirements of Packing Group I Performance Level. For transportation by other modes, Mercury must be packaged in packagings which meet the requirements of Packing Group III Performance Level or in non-specification reusable metal packagings. Refer to 49 CFR 173.164 for specific packaging requirements.

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MARINE POLLUTANT: Mercury is not listed as a Marine Pollutant, per Appendix B to 49 CFR 172.101.

TRANSPORT CANADA, TRANSPORTATION OF DANGEROUS GOODS REGULATIONS: This material is considered as dangerous goods, per regulations of Transport Canada. Use the above U.S. DOT information for the preparation of Canadian Shipments.

15. REGULATORY INFORMATION

ADDITIONAL U.S. REGULATIONS:

U.S. SARA REPORTING REQUIREMENTS: Mercury is subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act, as follows:

CHEMICAL NAME	SARA 302 (40 CFR 355, Appendix A)	SARA 304 (40 CFR Table 302.4)	SARA 313 (40 CFR 372.65)
Mercury	No	YES	YES

U.S. SARA THRESHOLD PLANNING QUANTITY: There are no specific Threshold Planning Quantities for Mercury. The default Federal MSDS submission and inventory requirement filing threshold of 10,000 lbs. (4,540 kg) therefore applies, per 40 CFR 370.20.

U.S. TSCA INVENTORY STATUS: Mercury is listed on the TSCA Inventory.

U.S. CERCLA REPORTABLE QUANTITY (RQ): Mercury = 1 lb (0.454 kg)

OTHER U.S. FEDERAL REGULATIONS: Mercury is regulated as follows (other regulations may be applicable):

EPA: Mercury is listed as a Hazardous Air Pollutant (HAP) generally known or suspected to cause serious health problems. The Clean Air Act, as amended in 1990, directs EPA to set standards requiring major sources to sharply reduce routine emissions of toxic pollutants. EPA is required to establish and phase in specific performance based standards for all air emission sources that emit one or more of the listed pollutants. Mercury is included on this list.

FDA: The action level of 1.0 ppm total mercury in fish has been revised on September 12, 1984 by FDA to apply only to methyl mercury.

FIFRA: All uses of mercury are cancelled except the following: 1) as a fungicide in the treatment of textiles and fabrics intended for continuous outdoor use; 2) as a fungicide to control brown mold on freshly sawn lumber; 3) as a fungicide treatment to control Dutch elm disease; 4) as an in-can preservative in water based paints and coatings; 5) as a fungicide in water-based paints and coatings used for exterior application; 6) as a fungicide to control "winter turf diseases" such as Sclerotinia boreales, and gray and pink snow mold subject to the following: a. the use of these products shall be prohibited within 25 feet of any water body where fish are taken for human consumption. b. these products can be applied only by or under the direct supervision of golf course superintendents. These types of Mercury-containing products will be classified as restricted use pesticides when they are reregistered and classified in accordance with Section 4(C) of FEPCA.

U.S. STATE REGULATORY INFORMATION: Mercury is covered under specific State regulations, as denoted below:

Alaska - Designated Toxic and Hazardous Substances: Mercury.
California - Permissible Exposure Limits for Chemical Contaminants: Mercury.
Florida - Substance List: Mercury.
Illinois - Toxic Substance List: Mercury.
Kansas - Section 302/313 List: Mercury.
Massachusetts - Substance List: Mercury.
Michigan – Critical Materials Register: Mercury.
Minnesota - List of Hazardous Substances: Mercury.
Missouri - Employer Information/Toxic Substance List: Mercury.
New Jersey - Right to Know Hazardous Substance List: Mercury.
North Dakota - List of Hazardous Chemicals, Reportable Quantities: Mercury.
Pennsylvania - Hazardous Substance List: Mercury.
Rhode Island - Hazardous Substance List: Mercury.
Texas - Hazardous Substance List: Mercury.
West Virginia - Hazardous Substance List: Mercury.
Wisconsin - Toxic and Hazardous Substances: Mercury.

ADDITIONAL U.S. REGULATIONS (continued):

CALIFORNIA PROPOSITION 65: Mercury is on the California Proposition 65 lists. WARNING: Contains a chemical known to the State of California to cause birth defects or other reproductive harm.

LABELING (Precautionary Statements) ANSI LABELING (Z129.1):: **DANGER!** HIGHLY TOXIC AFTER LONG-TERM EXPOSURE. DANGER OF CUMULATIVE EFFECTS. MAY CAUSE DAMAGE TO THE NERVOUS SYSTEM, BLOOD SYSTEM, KIDNEYS, LIVER. REPRODUCTIVE HAZARD. HARMFUL OR FATAL IF INHALED OR SWALLOWED. MAY CAUSE ALLERGIC SKIN AND RESPIRATORY REACTION. CAUSES SKIN AND EYE IRRITATION Do not get on skin, in eyes, or on clothing. Avoid prolonged contact with the skin. Avoid breathing vapors and fumes. Do not take internally. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling. Wear gloves, goggles, face-shield, body protection, and NIOSH-approved respiratory protection, as appropriate. FIRST-AID: In case of contact, immediately flush skin or eyes with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. If inhaled, remove to fresh air. If ingested, induce vomiting. Get medical attention immediately. IN CASE OF FIRE: Use water fog, dry chemical, CO_2, or "alcohol" foam. IN CASE OF SPILL: Vacuum released material, or use a Mercury Spill Kit. Containerize residue immediately, and label appropriately. Consult Material Safety Data Sheet for additional information.

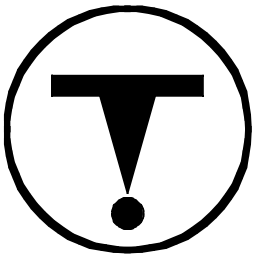
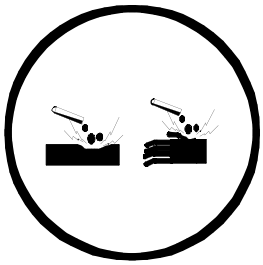
ADDITIONAL CANADIAN REGULATIONS:

CANADIAN DSL/NDSL INVENTORY STATUS: Mercury is listed on the DSL Inventory.

OTHER CANADIAN REGULATIONS: Not applicable.

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS: Mercury is not on the CEPA Priorities Substances Lists.

CANADIAN WHMIS SYMBOLS:
- D1B: Materials Causing Immediate and Serious Toxic Effects/Toxic Material
- D2A: Materials Causing Other Toxic Effects/Very Toxic Material
- D2B: Materials Causing Other Toxic Effects/Toxic Material
- E: Corrosive Material

16. OTHER INFORMATION

PREPARED BY:

CHEMICAL SAFETY ASSOCIATES, Inc.
9163 Chesapeake Drive, San Diego, CA 92123-1002
(858) 565 - 0302

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The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Bethlehem Apparatus Company responsibility for injury to the vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, Bethlehem Apparatus Company for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.

DEFINITIONS OF TERMS

A large number of abbreviations and acronyms appear on a MSDS. Some of these which are commonly used include the following:

CAS #: This is the Chemical Abstract Service Number which uniquely identifies each constituent.

EXPOSURE LIMITS IN AIR:

ACGIH - American Conference of Governmental Industrial Hygienists, a professional association which establishes exposure limits. **TLV -** Threshold Limit Value - an airborne concentration of a substance which represents conditions under which it is generally believed that nearly all workers may be repeatedly exposed without adverse effect. The duration must be considered, including the 8-hour Time Weighted Average **(TWA)**, the 15-minute Short Term Exposure Limit, and the instantaneous Ceiling Level **(C)**. Skin absorption effects must also be considered.

OSHA - U.S. Occupational Safety and Health Administration.

PEL - Permissible Exposure Limit - This exposure value means exactly the same as a TLV, except that it is enforceable by OSHA. The OSHA Permissible Exposure Limits are based in the 1989 PELs and the June, 1993 Air Contaminants Rule (Federal Register: 58: 35338-35351 and 58: 40191). Both the current PELs and the vacated PELs are indicated. The phrase, "Vacated 1989 PEL," is placed next to the PEL which was vacated by Court Order. **IDLH -** Immediately Dangerous to Life and Health **-** This level represents a concentration from which one can escape within 30-minutes without suffering escape-preventing or permanent injury. **The DFG - MAK** is the Republic of Germany's Maximum Exposure Level, similar to the U.S. PEL. **NIOSH** is the National Institute of Occupational Safety and Health, which is the research arm of the U.S. Occupational Safety and Health Administration (**OSHA**). NIOSH issues exposure guidelines called Recommended Exposure Levels (**REL**s). When no exposure guidelines are established, an entry of **NE** is made for reference.

HAZARD RATINGS:

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: Health Hazard: **0** (minimal acute or chronic exposure hazard); **1** (slight acute or chronic exposure hazard); **2** (moderate acute or significant chronic exposure hazard); **3** (severe acute exposure hazard; onetime overexposure can result in permanent injury and may be fatal); **4** (extreme acute exposure hazard; onetime overexposure can be fatal). Flammability Hazard: **0** (minimal hazard); **1** (materials that require substantial pre-heating before burning); **2** (combustible liquid or solids; liquids with a flash point of 38-93°C [100-200°F]); **3** (Class IB and IC flammable liquids with flash points below 38°C [100°F]); **4** (Class IA flammable liquids with flash points below 23°C [73°F] and boiling points below 38°C [100°F]. Reactivity Hazard: **0** (normally stable); 1 (material that can become unstable at elevated temperatures or which can react slightly with water); **2** (materials that are unstable but do not detonate or which can react violently with water); **3** (materials that can detonate when initiated or which can react explosively with water); **4** (materials that can detonate at normal temperatures or pressures).

NATIONAL FIRE PROTECTION ASSOCIATION: Health Hazard: **0** (material that on exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials); **1** (materials that on exposure under fire conditions could cause irritation or minor residual injury); **2** (materials that on intense or continued exposure under fire conditions could cause temporary incapacitation or possible residual injury); **3** (materials that can on short exposure could cause serious temporary or residual injury); **4** (materials that under very short exposure causes death or major residual injury). Flammability Hazard and Reactivity Hazard: Refer to definitions for "Hazardous Materials Identification System".

FLAMMABILITY LIMITS IN AIR:

Much of the information related to fire and explosion is derived from the National Fire Protection Association (**NFPA**). Flash Point - Minimum temperature at which a liquid gives off sufficient vapors to form an ignitable mixture with air. Autoignition Temperature: The minimum temperature required to initiate combustion in air with no other source of ignition. LEL - the lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source. UEL - the highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source.

TOXICOLOGICAL INFORMATION:

Human and Animal Toxicology: Possible health hazards as derived from human data, animal studies, or from the results of studies with similar compounds are presented. Definitions of some terms used in this section are: **LD_{50}** - Lethal Dose (solids & liquids) which kills 50% of the exposed animals; **LC_{50}** - Lethal Concentration (gases) which kills 50% of the exposed animals; **ppm** concentration expressed in parts of material per million parts of air or water; **mg/m^3** concentration expressed in weight of substance per volume of air; **mg/kg** quantity of material, by weight, administered to a test subject, based on their body weight in kg. Other measures of toxicity include **TDLo**, the lowest dose to cause a symptom and **TCLo** the lowest concentration to cause a symptom; **TDo**, **LDLo**, and **LDo**, or **TC**, **TCo**, **LCLo**, and **LCo**, the lowest dose (or concentration) to cause lethal or toxic effects. **Cancer Information:** The sources are: **IARC** - the International Agency for Research on Cancer; **NTP** - the National Toxicology Program, **RTECS** - the Registry of Toxic Effects of Chemical Substances, **OSHA** and **CAL/OSHA**. IARC and NTP rate chemicals on a scale of decreasing potential to cause human cancer with rankings from 1 to 4. Subrankings (2A, 2B, etc.) are also used. **Other Information: BEI** - ACGIH Biological Exposure Indices, represent the levels of determinants which are most likely to be observed in specimens collected from a healthy worker who has been exposed to chemicals to the same extent as a worker with inhalation exposure to the TLV. **Ecological Information:** EC is the effect concentration in water. **BCF** = Bioconcentration Factor, which is used to determine if a substance will concentrate in lifeforms which consume contaminated plant or animal matter. Coefficient of Oil/Water Distribution is represented by **log K_{ow}** or **log K_{oc}** and is used to assess a substance's behavior in the environment.

REGULATORY INFORMATION:

This section explains the impact of various laws and regulations on the material. **U.S.: EPA** is the U.S. Environmental Protection Agency. **DOT** is the U.S. Department of Transportation. **SARA** is the Superfund Amendments and Reauthorization Act. **TSCA** is the U.S. Toxic Substance Control Act. **CERCLA (or Superfund)** refers to the Comprehensive Environmental Response, Compensation, and Liability Act. Labeling is per the American National Standards Institute (**ANSI Z129.1**). **CANADA: CEPA** is the Canadian Environmental Protection Act. **WHMIS** is the Canadian Workplace Hazardous Materials Information System. **TC** is Transport Canada. **DSL/NDSL** are the Canadian Domestic/Non-Domestic Substances Lists. **The CPR is the Canadian Product Regulations.** This section also includes information on the precautionary warnings which appear on the materials package label.

Material Safety Data Sheet

1. Product and Company Identification

Product name : **Benzene**

Chemical formula : C6-H6

Synonyms : Benzol, Cyclohexatriene, Benzole, Phene, Pyrobenzol, Pyrobenzole, Carbon Oil, Coal Tar Naphtha, Phenyl Hydride, Benzolene, Bicarburet of Hydrogen, Coal Naphtha, Motor Benzol, Annulene, (6) Annulene, UN 1114

Company : Specialty Gases of America, Inc
6055 Brent Dr.
Toledo, OH 43611

Telephone : 419-729-7732

Emergency : 800-424-9300

2. Composition/Information on Ingredients

Components	CAS Number	% Volume
Benzene	71-43-2	99+%
Thiophene	110-02-1	0.00010

3. Hazards Identification

Emergency Overview

Flammable liquid and vapor. Vapor may cause flash fire.
May cause respiratory tract irritation, skin irritation, eye irritation, central nervous system depression, cancer hazard (in humans).

Potential Health Effects

Inhalation : Irritation, ringing in the ears, nausea, vomiting, chest pain, difficulty breathing, irregular heartbeat, headache, drowsiness, symptoms of drunkenness, disorientation, blurred vision, lung congestion, blood disorders, paralysis, convulsion, coma. May cause hearing loss, visual disturbances, reproductive effects, brain damage, cancer in long term exposure.

Eye contact : Irritation.

Skin contact : Irritation, blisters. May cause tingling sensation in long term exposure.

Ingestion : Nausea, vomiting, chest pain, headache, drowsiness, symptoms of drunkenness, disorientation, visual disturbances, lung congestion, paralysis, convulsion, coma. May cause impotence, cancer in long term exposure.

Chronic Health Hazard : Not applicable.

4. First Aid Measures

General advice : None.

Eye contact : Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

Skin contact	:	Wash skin with soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention, if needed. Thoroughly clean and dry contaminated clothing and shoes before reuse.
Ingestion	:	Contact local poison control center or physician immediately. Never make an unconscious person vomit or drink fluids. When vomiting occurs, keep head lower than hips to help prevent aspiration. If person is unconscious, turn head to side. Get medical attention immediately.
Inhalation	:	If adverse effects occur, remove to contaminated area. Give artificial respiration if not breathing. If breathing is difficult, oxygen should be administered by qualified personnel. Get immediate medical attention.

5. Fire-Fighting Measures

Suitable extinguishing media	:	Regular dry chemical carbon dioxide water regular foam. Large fires: Use regular foam or flood with fine water spray.
Specific hazards	:	Severe fire hazard. Moderate explosion hazard. Vapor/air mixtures are explosive. The vapor is heavier than air. Vapors or gases may ignite at distant ignition sources and flash back. Electrostatic discharges may be generated by flow or agitation resulting in ignition or explosion.
Fire fighting	:	Move container from fire area if it can be done without risk. Cool containers with water spray until well after the fire is out. Stay away from the ends of tanks. For fires in cargo or storage area: Cool containers with water from unmanned hose holder or monitor nozzles well after fire is out. If this is impossible, take the following precautions: Keep unnecessary people away, isolate hazard area and deny entry. Let the fire burn. Withdraw immediately in case of rising sound from venting safety device or any discoloration of tanks due to fire. For tank, rail car or tank truck: Evacuation radius: 800 meters (1/2 mile). Water may be ineffective.

6. Accidental Release Measures

Air release	:	Reduce vapors with water spray. Stay upwind and keep out of low areas.
Soil release	:	Dig holding area such as lagoon, pond or pit for containment. Dike for later disposal. Absorb with sand or other non-combustible material.
Water release	:	Subject to California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65). Keep out of water supplies and sewers. Cover with absorbent sheets, spill-control pads or pillows. Apply detergents, soaps, alcohols or another surface active agent. Collect with absorbent into suitable container. Absorb with activated carbon. Remove trapped material with suction hoses. Collect spilled material using mechanical equipment.
Occupational release	:	Avoid heat, flames, sparks and other sources of ignition. Stop leak if possible without personal risk. Reduce vapors with water spray. Small spills: Absorb with sand or non-combustible material. Collect spilled material in appropriate container for disposal. Large spills: Dike for later disposal. Remove sources of ignition. Keep unnecessary people away, isolate hazard area and deny entry. Notify Local Emergency Planning Committee and State Emergency Response Committee for release greater than or equal to RQ (U.S. SARA Section 304). If release occurs in the U.S. and is reportable under CERCLA Section 103, notify the National Response Center at (800) 424-8802 (USA) or (202) 426-2675 (USA).

7. Handling and Storage

Handling

Secure cylinder when using to protect from falling. Use suitable hand truck to move cylinders.

Storage

Store in accordance with all current regulations and standards. Subject to storage regulation: U.S. OSHA 29 CFR 1910.106. Grounding and bonding required. Protect from physical damage. Store outside or in a detached building. Store with flammable liquids. Keep separated from incompatible substances.

8. Exposure Controls / Personal Protection

Exposure limits

ACGIH	:	0.5 ppm TWA 2.5 ppm STEL Skin – potential significant contribution to overall exposure by the cutaneous route
OSHA (final)	:	5 ppm STEL (see 29 CFR 1910.1028) 10 ppm TWA applies to industry segments except from the benzene standard at 29 CFR 1910.1028; 1 ppm TWA 25 ppm Ceiling
OSHA (vacated)	:	50 ppm STEL unless specified in 1910.1028 10 minute 10 ppm TWA unless specified in 1910.1028 25 ppm Ceiling unless specified in 1910.1028
NIOSH	:	1 ppm STEL 0.1 ppm TWA

Ventilation

Provide local exhaust or process enclosure ventilation system. Ventilation equipment should be explosion-resistant if explosive concentrations of material are present. Ensure compliance with applicable exposure limits.

Personal protective equipment

Respiratory protection	:	The following respirators and maximum use concentrations are drawn from NIOSH and/or OSHA. OSHA Standard: Respirator selection should comply with 29 CFR 1910.134, 29 CFR 1910.1028 and the final rule published in the Federal Register on August 24, 2006. NIOSH Recommendations: At any detectable concentration – Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode. Any supplied-air respirator with full facepiece and operated in pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained breathing apparatus operated in positive-demand or other positive-pressure mode. Escape – Any air-purifying respirator (gas mask) with a chin-style, front-mounted or back-mounted organic vapor canister. Any escape-type, self-contained breathing apparatus.
Hand protection	:	Wear appropriate chemical resistant gloves. OSHA REGULATED SUBSTANCES: U.S. OSHA 29 CFR 1910.1028.
Eye protection	:	Wear splash resistant safety goggles. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.
Skin and body protection	:	Wear appropriate chemical resistant clothing.

9. Physical and Chemical Properties

Form	:	Liquid.
Color	:	Colorless to yellow.

Odor	:	Distinct odor.
Molecular weight	:	78.11
Vapor pressure	:	75 mmHg @ 20°C
Vapor density	:	2.8 (air = 1)
Specific gravity	:	0.8765 @ 20°C (water = 1)
Boiling point	:	176°F (80°C)
Melting point	:	43°F (6°C)
Water solubility	:	0.18% @ 25°C
Solvent solubility	:	Soluble: acetone, alcohol, carbon disulfide, acetic acid, carbon tetrachloride, chloroform, ether, oils.
Evaporation rate	:	5.1 (butyl acetate = 1)

10. Stability and Reactivity

Stability	:	Stable under normal conditions.
Conditions to avoid	:	Avoid heat, flames, sparks and other sources of ignition. Containers may rupture or explode if exposed to heat. Keep out of water supplies and sewers.
Materials to avoid	:	Acids, bases, halogens, oxidizing materials, metal salts.
Hazardous decomposition products	:	Thermal decomposition products: oxides of carbon.

11. Toxicological Information

The components of this material have been reviewed in various sources and the following selected endpoints are published:

BENZENE (71-43-2)	:	Inhalation LC50 Rat: 13050-14380 ppm/4H; Oral LD50 Rat: 1800 mg/kg
THIOPHENE (110-02-1)	:	Oral LD50 Rat: 1400 mg/kg

Acute Toxicity Level

BENZENE (71-43-2)	:	Highly toxic: dermal absorption. Moderately toxic: ingestion. Slightly toxic: inhalation.
THIOPHENE (110-02-1)	:	Toxic: inhalation. Moderately toxic: ingestion.

Component Carcinogenicity

BENZENE (71-43-2)	:	ACGIH: A1 – Confirmed Human Carcinogen IARC: Supplement 7 [1987]; Monograph 29 [1982] (Group 1 (carcinogenic to humans)) DFG: Category 1 (causes cancer in man) Present Known Human Carcinogen

Local Effects

BENZENE (71-43-2)	:	Irritant: inhalation, skin, eye.

Target Organs

BENZENE (71-43-2)	:	Immune system (blood), central nervous system.
THIOPHENE (110-02-1)	:	Central nervous system.

Medical Conditions Aggravated by Exposure

Blood system disorders, immune system disorders or allergies.

Additional Data

May cross the placenta. Alcohol may enhance the toxic effects. Interactions with drugs may occur.

12. Ecological Information

Ecotoxicity Data

BENZENE (71-43-2) : Fish:
96 Hr LC50 Pimephales promelas: 10.7 – 14.7 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 5.3 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 22.49 mg/L [static]; 96 Hr LC50 Poecilia reticulate: 28.6 mg/L [static]; 96 Hr LC50 Pimephales promelas: 22330 – 41160 µg/L [static]; 96 Hr LC50 Lepomis macrochirus: 70000 – 142000 µg/L [static]

Algae:
72 Hr EC50 Pseudokirchneriella subcapitata: 29 mg/L

Invertebrate:
48 Hr EC50 Daphnia magna: 8.76 – 15.6 mg/L [static]; 48 Hr EC50 Daphnia magna: 10 mg/L

13. Disposal Considerations

Waste from residues / unused products : Subject to disposal regulations: U.S. EPA 40 CFR 262. Hazardous Waste Number(s): U019. Hazardous Waste Number(s): D018. Dispose of in accordance with U.S. EPA 40 CFR 262 for concentrations at or above the Regulatory level. Regulatory level – 0.5 mg/L. Dispose in accordance with all applicable regulations.

Contaminated packaging : Return cylinder to supplier.

Component Waste Numbers

BENZENE (71-43-2) : RCRA: waste_number U019 (Ignitable waste; Toxic waste)
0.5 mg/L regulatory level

14. Transport Information

DOT (US only)

Proper shipping name	:	Benzene
Class	:	3, Packing Group II
UN/ID No.	:	UN1114
Labeling	:	Flammable Liquid

Further information

Cylinders should be transported in a secure upright position in a well ventilated truck.

15. Regulatory Information

U.S. Federal Regulations

This material contains one or more of the following chemicals required to be identified under SARA Section 302/304 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), and/or require an OSHA process safety plan.

BENZENE (71-43-2) – 10 lb final RQ (received an adjusted RQ of 10 lbs based on potential carcinogenicity in an August 14, 1989 final rule); 4.54 kg final RQ (received an adjusted RQ of 10 lbs based on potential carcinogenicity in an August 1989 final rule)

BENZENE (71-43-2) – SARA 313: 0.1% de minimis concentration
CERCLA: 10 lb final RQ (received an adjusted RQ of 10 lbs based on potential carcinogenicity in an August 14, 1989 final rule); 4.54 kg final RQ (received an adjusted RQ of 10 lbs based on potential carcinogenicity in an August 1989 final rule)

SARA 311/312
Acute: Yes
Chronic: Yes
Fire: Yes
Reactive: No
Pressure: No

U.S. State Regulations

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA	RI
BENZENE	71-43-2	Yes	Yes	Yes	Yes	Yes	Yes
THIOPHENE	110-02-1	No	Yes	No	Yes	Yes	No

The following statement(s) are provided under the California Safe Drinking Water and Toxic Enhancement Act of 1986 (Proposition 65):
WARNING! This product contains a chemical known to the state of California to cause cancer.

16. Other Information

Prepared by : Specialty Gases of America, Inc.
For additional information, please visit our website at www.americangasgroup.com.

Material Safety Data Sheet
Toluene

MSDS Number: M1003
Effective Date: 9/07/2004

Section 1 - Chemical Product and Company Identification

MSDS Name: Toluene
Synonyms: Methacide; Methylbenzene; Methylbenzol; Phenylmethane; Toluol
Company Identification:
VEE GEE Scientific, Inc.
13600 NE 126th Pl Ste A
Kirkland, WA 98034
For information in North America, call: 425-823-4518

Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name	Percent	EINECS/ELINCS
108-88-3	Toluene	>99	203-625-9

Hazard Symbols: XN F
Risk Phrases: 11 20

Section 3 - Hazards Identification

Emergency Overview
Appearance: Colorless. Flash Point: 40°F. **Warning!** Flammable liquid and vapor. May cause central nervous system depression. May cause liver and kidney damage. This substance has caused adverse reproductive and fetal effects in animals. Causes digestive and respiratory tract irritation. May cause skin irritation. Aspiration hazard if swallowed. Can enter lungs and cause damage. **Danger!** Harmful or fatal if swallowed. Causes eye irritation and possible transient injury. **Poison!** May be absorbed through intact skin. Vapor harmful. Call physician immmediately.
Target Organs: Kidneys, central nervous system, liver.
Potential Health Effects
Eye Contact: Causes eye irritation. May result in corneal injury. Vapors may cause eye irritation.
Skin Contact: Causes moderate skin irritation. May cause cyanosis of the extremities.
Ingestion: Aspiration hazard. May cause irritation of the digestive tract. May cause effects similar to those for inhalation exposure. Aspiration of material into the lungs may cause chemical pneumonitis, which may be fatal.
Inhalation: Inhalation of high concentrations may cause central nervous system effects characterized by nausea, headache, dizziness, unconsciousness and coma. Inhalation of vapor may cause respiratory tract irritation. May cause liver and kidney damage. Vapors may cause dizziness or suffocation. Overexposure may cause dizziness, tremors, restlessness, rapid heart beat, increased blood pressure, hallucinations, acidosis, kidney failure.
Chronic Exposure: Prolonged or repeated skin contact may cause dermatitis. May cause cardiac sensitization and severe heart abnormalities. May cause liver and kidney damage.

Section 4 - First Aid Measures

Eye Contact: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.
Skin Contact: Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists.
Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Possible aspiration hazard. Get medical aid immediately.
Inhalation: Get medical aid immediately. Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
Notes to Physician: Causes cardiac sensitization to endogenous catelcholamines which may lead to cardiac arrhythmias. Do NOT use adrenergic agents such as epinephrine or pseudoepinephrine.

Section 5 - Fire Fighting Measures

General Information: Containers can build up pressure if exposed to heat and/or fire. As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Water runoff can cause environmental damage. Dike and collect water used to fight fire. Vapors may form an explosive mixture with air. Vapors can travel to a source of ignition and flash back. Flammable Liquid. Can release vapors that form explosive mixtures at temperatures above the flashpoint. Use water spray to keep fire-exposed containers cool. Water may be ineffective. Material is lighter than water and a fire may be spread by the use of water. Vapors may be heavier than air. They can spread along the ground and collect in low or confined areas. Containers may explode when heated.
Fire Extinguishing Media: Use water spray to cool fire-exposed containers. Water may be ineffective. Do NOT use straight streams of water. For small fires, use dry chemical, carbon dioxide, water spray or regular foam. Cool containers with flooding quantities of water until well after fire is out. For large fires, use water spray, fog or regular foam.

Section 5 - Fire Fighting Measures

Autoignition Temperature: 422°C (792°F)
Flash Point: 7°C (45°F)
Explosion Limits, lower: 1.2 vol%.
Explosion Limits, upper: 7.1 vol%
NFPA Rating: (estimated) Health: 2; Flammability: 3; Instability: 0

Section 6 - Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks: Avoid runoff into storm sewers and ditches which lead to waterways. Remove all sources of ignition. Absorb spill using an absorbent, non-combustible material such as earth, sand, or vermiculite. Do not use combustible materials such as saw dust. A vapor suppressing foam may be used to reduce vapors. Water spray may reduce vapor but may not prevent ignition in closed spaces.

Section 7 - Handling and Storage

Handling: Wash thoroughly after handling. Use with adequate ventilation. Ground and bond containers when transferring material. Avoid contact with eyes, skin, and clothing. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Keep container tightly closed. Avoid contact with heat, sparks and flame. Avoid ingestion and inhalation. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames.
Storage: Keep away from heat, sparks, and flame. Keep away from sources of ignition. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

Section 8 - Exposure Controls, Personal Protection

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs	OSHA - Vacated Pels
Toluene	50 ppm TWA	100 ppm TWA 375 mg/m3 TWA 500 ppm IDLH	200 ppm TWA C 300 ppm	100 ppm TWA 375 mg/m3 TWA 150 ppm STEL 560 mg/m3 STEL

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.
Personal Protective Equipment
Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.
Skin: Wear appropriate protective gloves to prevent skin exposure.
Clothing: Wear appropriate protective clothing to prevent skin exposure.
Respirators: Follow the OSHA respirator regulations found in 29CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

Section 9 - Physical and Chemical Properties

Physical State: Clear liquid
Appearance: Colorless
Odor: Sweet, pleasant
pH: Not available
Vapor Pressure: 36.7 mm Hg @ 30° C
Vapor Density: 3.1
Evaporation Rate: 2.4
Viscosity: 0.59 cP @ 20° C

Boiling Point: 232° F
Freezing/Melting Point: -139° F
Decomposition Temperature: Not available
Solubility: Insoluble
Specific Gravity/Density: 0.9
Molecular Formula: C6H5CH3
Molecular Weight: 92.056

Section 10 - Stability and Reactivity

Chemical Stability: Stable under normal temperatures and pressures.
Conditions to Avoid: Incompatible materials, ignition sources, excess heat.
Incompatibilities with Other Materials: Ntrogen tetroxide, nitric acid plus sulfuric acid, silver perchlorate, strong oxidizers, sodium difluoride.
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide.
Hazardous Polymerization: Has not been reported.

Section 11 - Toxilogical Information

Carcinogenicity:
CAS# 108-88-3:
ACGIH: A4 - Not Classifiable as a Human Carcinogen
IARC: Group 3 carcinogen

Section 11 - Toxilogical Information (continued)

Epidemiology: No information available.
Teratogenicity: Specific developmental abnormalities included craniofacial effects involving the nose and tongue, musculoskeletal effects, urogenital and metabolic effects in studies on mice and rats by the inhalation and oral routes of exposure. Some evidence of fetotoxicity with reduced fetal weight and retarded skeletal development has been reported in mice and rats.
Reproductive Effects: Effects on fertility such as abortion were reported in rabbits by inhalation. Paternal effects were noted in rats by inhalation. These effects involved the testes, sperm duct and epididymis.
Neurotoxicity: No information available.
Mutagenicity: No information available.

Section 12 - Ecological Information

Ecotoxicity: No data available. Bluegill LC50=17 mg/L/24H Shrimp LC50=4.3 ppm/96H Fathead minnow LC50=36.2 mg/L/96HSunfish (fresh water) TLm=1180 mg/L/96H
Environmental: From soil, substance evaporates and is microbially biodegraded. In water, substance volatilizes and biodegrades.
Physical: Photochemically produced hydroxyl radicals degrade substance.
Other: None.

Section 13 - Disposal Considerations

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.
RCRA P-Series: None listed.
RCRA U-Series: CAS# 108-88-3: waste number U220.

Section 14 - Transport Information

	US DOT	Canada TDG
Shipping Name	Toluene	Toluene
Hazard Class	3	3 (9.2)
UN Number	UN1294	UN1294
Packing Group	II	II
Other		FP 4C

Section 15 - Regulatory Information

US Federal

TSCA: CAS# 108-88-3 is listed on the TSCA inventory.
Health & Safety Reporting List: None of the chemicals are on the Health & Safety Reporting List.
CAS# 108-88-3: Effective Date: October 4, 1982; Sunset Date: October 4 , 1992
Chemical Test Rules: None of the chemicals in this product are under a Chemical Test Rule.
Section 12b: None of the chemicals are listed under TSCA Section 12b.
TSCA Significant New Use Rule: None of the chemicals in this material have a SNUR under TSCA.
SARA:
Section 302 (RQ): CAS# 108-88-3: final RQ = 1000 pounds (454 kg)
Section 302 (TPQ): None of the chemicals in this product have a TPQ.
SARA Codes: CAS # 108-88-3: acute, flammable.
Section 313: This material contains Toluene (CAS# 108-88-3, 99%),which is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 373.
Clean Air Act: CAS# 108-88-3 is listed as a hazardous air pollutant (HAP). This material does not contain any Class 1 Ozone depletors. This material does not contain any Class 2 Ozone depletors.
Clean Water Act: CAS# 108-88-3 is listed as a Hazardous Substance under the CWA. CAS# 108-88-3 is listed as a Priority Pollutant under the Clean Water Act. CAS# 108-88-3 is listed as a Toxic Pollutant under the Clean Water Act.
OSHA: None of the chemicals in this product are considered highly hazardous by OSHA.
STATE: CAS# 108-88-3 can be found on the following state right to know lists: California, New Jersey, Florida, Pennsylvania, Minnesota, Massachusetts.
WARNING: This product contains Toluene, a chemical known to the state of California to cause birth defects or other reproductive harm. California No Significant Risk Level: CAS# 108-88-3: NOEL = 7000 ug/day

European/International Regulations

European Labeling in Accordance with EC Directives
Hazard Symbols: XN F
Risk Phrases:
R 11 Highly flammable.
R 20 Harmful by inhalation

Section 15 - Regulatory Information (continued)

Safety Phrases:
S 16 Keep away from sources of ignition - No smoking.
S 25 Avoid contact with eyes.
S 29 Do not empty into drains.
S 33 Take precautionary measures against static discharges.

WGK (Water Danger/Protection): CAS# 108-88-3: 2
Canada - DSL/NDSL: CAS# 108-88-3 is listed on Canada's DSL List.
Canada - WHMIS: This product has a WHMIS classification of B2, D2B.
Canadian Ingredient Disclosure List: CAS# 108-88-3 is listed on Canada's Ingredient Disclosure List.
Exposure Limits: CAS# 108-88-3: OEL-AUSTRALIA:TWA 100 ppm (375 mg/m3);STEL 150 ppm (560 mg/m3) OEL-BELGIUM:TWA 100 ppm (377 g/m3);STEL 150 ppm (565 mg/m3) OEL-CZECHOSLOVAKIA:TWA 200 mg/m3;STEL 1000 mg/m3 OEL-DENMARK:TWA 50 ppm (190 mg/m3);Skin OEL-FINLAND:TWA 100 ppm (375 mg/m3);STEL 150 ppm;Skin OEL-FRANCE:TWA 100 ppm (375 mg/m3);STEL 150 ppm (560 mg/m3) OEL-GERMANY:TWA 100 ppm (380 mg/m3) OEL-HUNGARY:TWA 100 mg/m3;STEL 300 mg/m3;Skin OEL-JAPAN:TWA 100 ppm (380 mg/m3) OEL-THE NETHERLANDS:TWA 100 ppm (375 mg/m3);Skin OEL-THE PHILIPPINES:TWA 100 ppm (375 mg/m3) OEL-POLAND:TWA 100 mg/m3 OEL-USSIA:TWA 100 ppm;STEL 50 mg/m3 OEL-SWEDEN:TWA 50 ppm (200 mg/m3);STEL 100 ppm (400 mg/m3);Skin OEL-SWITZERLAND:TWA 100 ppm (380 mg/m3);STEL 500 ppm OEL-THAILAND:TWA 200 ppm;STEL 300 ppm OEL-TURKEY:TWA 200 ppm (750 mg/m3) OEL-UNITED KINGDOM :TWA 100 ppm (375 mg/m3);STEL 150 ppm;Skin OEL IN BULGARIA, COLOMBIA,JORDAN, KOREA check ACGIH TLV OEL IN NEW ZEALAND, SINGAPORE, VIETNAM check ACGI TLV

Section 16 - Additional Information

MSDS Creation Date: 09/07/2004

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall VEE GEE Scientific be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if VEE GEE Scientific has been advised of the possibility of such damages.

MATERIAL SAFETY DATA SHEET

Xylenes (Xylol)

SECTION 1 . Product and Company Idenfication

Product Name and Synonym: Xylenes (Xylol)

Product Code: 280-20

Material Uses:

Manufacturer: OFI Testing Equipment Inc.
1006 W. 34th Street
Houston, TX 77018
(877) 880-9885

Entry Date : 5/12/2010

Print Date: 9/13/2010

24 Hour Emergency Assistance : Chemtrec 800-424-9300
Canutec 613-996-6666

Health:	2
Flammability:	3
Reactivity:	0

Hazard Rating:

Least	Slight	Moderate	High	Extreme
0	1	2	3	4

NA = Not Applicable NE = Not Established

SECTION 2 HAZARD IDENTIFICATION

Keep away from heat and ignition sources. May be harmful if swallowed. Avoid breathing vapor or dust. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

Emergency Overview: Danger! Harmful Or Fatal If Swallowed. Vapor Harmful. Affects Central Nervous System. Causes
Severe Eye Irritation. Causes Irritation To Skin And Respiratory Tract. Chronic Exposure Can Cause Adverse Liver, Kidney, And Blood Effects. Flammable Liquid And Vapor.

Inhalation: Inhalation of Vapors May be Irritating To The Nose And Throat. Inhalation Of High Concentrations May Result In Nausea, Vomiting, Headache, Ringing In The Ears, And Severe Breathing Difficulties Which May Be Delayed In Onset. Substernal Pain, Cough, And Hoarseness Are Also Reported. High Vapor Concentrations Are Anesthetic And Central Nervous System Depressants.

Ingestion: Ingestion Causes Burning Sensation in Mouth and Stomach, Nausea, Vomiting and Salvation.
Minute Amounts Aspirated into the Lungs can Produce a Severe Hemorrhagic Pneumonitis with Severe Pulmonary Injury or Death.

Skin: Skin Contact Results in Loss of Natural Oils and Often Results in Characteristic Dermatitis. May be Absorbed Through the Skin.

Eye Contact: Vapors Cause Eye Irritation. Splashes Cause Severe Irritation, Possible Corneal Burns and Eye
Damage.

Chronic Exposure: Chronic Inhalation Can Cause Headache, Loss of Appetite, Nervousness and Pale Skin.
Repeated or Prolonged Skin Contact may Cause a Skin Rash. Repeated Exposure of the Eyes to High Concentrations of Vapor may Cause Reversible Eye Damage. Repeated Exposure can Damage Bone Marrow, Causing Low Blood Cell Count. May Damage Liver and Kidneys.

Aggravated by Exposure: Persons with Pre-Existing Skin Disorders or Eye Problems or Impaired Respiratory Function, or
Impaired Liver or Kidney Function may be more Susceptible to the Effects of the Substance.

SECTION 3 MIXTURE COMPONENTS

Xylenes (Xylol)

SARA 313	Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
☑	Xylenes (Xylol)	CAS# 1330-20-7	100	V/V	OSHA TWA 100 ppm (435 mg/m^3)

SECTION 4 FIRST AID MEASURES

Keep away from heat and ignition sources. May be harmful if swallowed. Avoid breathing vapor or dust. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

FIRST AID: SKIN: Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention

EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

INGESTION: Give several glasses of milk or water. Vomiting may ocur spontaneously, but DO NOT INDUCE! Never give anything by mouth to an unconcious person.

SECTION 5 FIRE FIGHTING MEASURES

Fire Extinguisher Type:	Water spray, dry chemical, carbon dioxide, alcohol foam
Fire / Explosion Hazards:	Vapor may travel considerable distance to source of ignition and flash back.
Fire Fighting Procedure:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Remove all sources of ignition. Ventilate area of leak or spill. Wear protective equipment. Clean up in a manner that doen't disperse dust.

Ventilate area or Leak or Spill. Remove all Sources of Ignition. Wear Appropriate Personal
Protective Equipment as Specified in Section 8. Isolate Hazard Area. Keep Unnecessary and
Unprotected Personnel from Entering. Contain and Recover Liquid when Possible. Use Non-
Sparking Tools and Equipment. Collect Liquid in an Appropriate Container or Absorb with an
Inert Material (e.g., Vermiculite, Dry Sand, Earth), and Place in a Chemical Waste Container. Do Not Use Combustible Materials, such as Saw Dust. Do Not Flush to Sewer! US Regulations
(CERCLA) Require Reporting Spills and Releases to Soil, Water and Air in Excess of Reportable
Quantities.

SECTION 7 HANDLING AND STORAGE

Keep away from heat and flame. Do not get in eyes, on skin, on clothing. Use with adequate ventilation.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection:	NIOSH/MSHA-approved respirator
Ventilation	
	Local Exhaust ☑

	Mechanical ☐
Protective Gloves:	Gloves to prevent skin exposure as rubber or vinyl
Eye Protection:	Goggles and Face Shield
Other Protective Equipment:	Wear appropriate clothing to prevent skin exposure

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Melting Point:	12.2° C	Percent Volatile by Volume:	>99%
Boiling Point:	138° C	Evaporation Rate	Information not available
Vapor Pressure:	6.72	Evaporation Standard	
Vapor Density:	3.66	Auto Ignition Temp	Information not availabl
Solubility in Water:	Negligible	Lower Flamm. Limit in Air	1.0
Appearance /Odors:	Red liquid, solvent odor	Upper Flamm. Limit in Air	6.0
Flash Point:	17.0° C		
Specific Gravity:	0.864		

SECTION 10 STABILITY AND REACTIVITY INFORMATION

Stability:	Stable
Conditions to Avoid:	Avoid contact with heat, sparks, flames, or other sources of ignition.
Materials to Avoid:	Oxidizing materials
Hazardous Decomposition Products:	Oxides of carbon, acrid fumes
Hazardous polymerization:	Will Not Occur
Conditions to Avoid:	None known

SECTION 11 Toxicological Information

Carcinogenic References: NTP Carcinogen - Known: No, IARC Category- 3

SECTION 12 Ecological Information

Environmental Toxicity: When Released to the Soil and Water, this Material may Evaporate to Moderate Extent.

Environmental Toxicity: This material may be toxic to aquatic life. The LC50/96-hour values for fish are between 1 and 10
mg/l. The LC50/96-hour values for fish are between 10 and 100 mg/l.

SECTION 13 Disposal Considerations

Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved incinerator or disposed in a RCRA approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

SECTION 14 Transport Information

Xylenes (Xylol)

DOT Classification: Xylenes, 3, UN1307, PG III

DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

SECTION 15 Regulatory Information

Chemical Inventory Status –
Part 1:Ingrdient
p-Xylene (106-42-3)
TSCA Yes
EC Yes
Japan YES
Australia Yes

Chemical Inventory Status –
Part 2:Ingredient
p-Xylene (106-42-3)
Korea Yes
DSL Yes
NDSL No
Phil. Yes

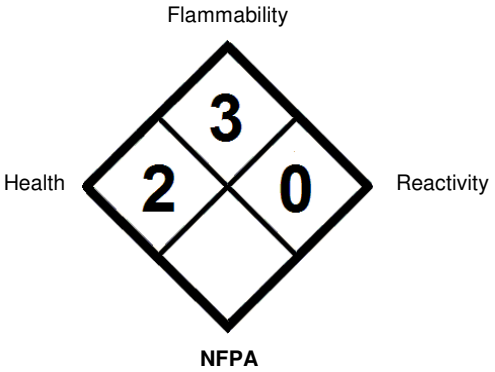
Federal, State & International Regulations –
Part 1: Ingredient.
p-Xylene (106-42-3)
RQ No
TPQ No
List YES
Chemical Catg No

Federal, State &
International Regulations –
Part 2:Ingredient
p-Xylene (106-42-3)
CERCLA 100
261.33 No
8(d) YES

Chemical Weapons Convention: No
TSCA 12 (b):YES
CDTA:NO PURE/LIQUID
SARA 311/312: Acute:YES
Chronic: YES
Fire: YES
Pressure: No
Reactivity: No
Australian Hazchem Code: 3Y
Poison Schedule:S6

SECTION 16 Additional Information

Effects of overexposure, Acute abd Chronic: Irritation of eyes, nose and throat. Reversible eye damage, dermatitis, chemical pneumonia, central nrevous system depression. Conditions aggravated: Persons with pre-existing eye, skin or respiratory conditions may be more susceptible. Target organs: Liver and kidneys.



Revisions

6/22/2010	0.1	updated msds to 16 section from 10 section msds. STN

The information herein is believed to be accurate and is offered in good faith for the user's consideration and investigation. No warranty either expressed or implied is made for the completeness or accuracy of the information whether originating from the above mentioned company or not. Users of this material should satisfy themselves by independent investigation of current scientific and medical knowledge that the material can be used safely.

MATERIAL SAFETY DATA SHEET

SECTION 1 ◆ PRODUCT AND COMPANY IDENTIFICATION

Explorer Pipeline Company 6846 South Canton P.O. Box 2650 Tulsa, Oklahoma 74101	**FOR EMERGENCY SOURCE INFORMATION CONTACT:** ➢ (918) 493 - 5100 ➢ CHEMTREC: (800) 424-9300 (24 hour contact) ➢ CANUTEC: (613) 996-6666 ➢ SETIQ: 91-800-00214

TRADE NAMES/SYNONYMS: Methyl Tertiary Butyl Ether, Methyl Ether, Butyl Ether, or MTBE	**CHEMICAL FAMILY:** Alkyl Ethyl	**EPL Code:** 17

This material safety data sheet represents the composite characteristics and properties of fungible petroleum hydrocarbons and other related substances transported by explorer pipeline company. The information presented was compiled from one or more product shipper sources and is intended to provide health and safety guidance for these fungible products. Individual shipper and manufacturer MSDSs are available at Explorer Pipeline Company's, Tulsa, Oklahoma, offices.

SECTION 2 ✷ HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

DANGER! EXTREMELY FLAMMABLE LIQUID

- Clear, colorless liquid with ether-like odor;
- Eye and mucous membrane irritant - effects central Nervous system - harmful or fatal if swallowed - aspiration hazard;
- High fire hazard. Keep away from heat, spark, open flame, and other ignition sources;
- Contact may cause eye, skin and mucous membrane irritation. Avoid prolonged breathing of vapors or mists;
- Inhalation may cause irritation, anesthetic effects (dizziness, nausea, headache, intoxication), and respiratory system effects;
- If ingested, do NOT induce vomiting, as this may cause chemical pneumonia (fluid in the lungs); and
- Obtain prompt medical attention. Keep Out of Reach of Children!

SECTION 3 ▼ COMPOSITION/INFORMATION OF INGREDIENTS

INGREDIENT	CAS NUMBER	PERCENTAGE (%)
Methyl Tertiary Butyl Ether	1634-04-4	97+%

ACUTE

GETTING IT IN YOUR EYE...

- May cause minor eye irritation.

GETTING IT ON YOUR SKIN...

- No significant signs or symptoms indicative of any health hazard are expected to occur as a result of skin absorption exposure.
- May produce skin irritation.

SWALLOWING IT...

- The major health threat of ingestion occurs from the danger of aspiration (breathing) of liquid drops into the lungs, particularly from vomiting. Aspiration may result in chemical pneumonia (fluid in the lungs), severe lung damage, respiratory failure and even death.

BREATHING IT...

- Excessive exposure may cause irritation to the nose, throat, lungs and respiratory tract. Central nervous system (brain) effects may include headache, dizziness, loss of balance and coordination, unconsciousness, coma, respiratory failure, and death.

CHRONIC

- Medical information regarding special health effects is not conclusive.

CANCER, REPRODUCTIVE AND GENETIC EFFECTS

- This product has produced cancer, developmental and systemic toxicity in laboratory animals following repeated exposure. The significance of these results to human exposures has not been determined.

See Toxicological Information (Section 11) For More Information

SECTION 4 ✣ FIRST AID MEASURES

EYES: In case of eye contact, immediately rinse with clean water for 20-30 minutes. Retract eyelids often. Obtain emergency medical attention if pain, blinking, tears or redness persist.

SKIN: Immediately remove contaminated clothing. Wash skin thoroughly with mild soap/water. Flush with lukewarm water for 15 minutes. If sticky, use waterless cleaner first.

INGESTION: If large quantity swallowed, give lukewarm water (pint) if victim completely conscious/alert. Do not induce vomiting/risk of damage to lungs exceeds poisoning risk. Obtain emergency medical attention.

INHALATION: If overcome by exposure, remove victim to fresh air immediately. Give oxygen or artificial respiration as needed. Obtain emergency medical attention. Prompt action is essential.

NOTE TO PHYSICIAN: TREAT SYMPTOMATICALLY AND SUPPORTIVELY

SECTION 5 ⌘ FIRE FIGHTING MEASURES

Releases flammable vapors below normal ambient temperatures. When mixed with air and exposed to ignition source, vapors can burn in open or explode if confined. Flammable vapors may be heavier than air. May travel long distances along ground before igniting/flashing back to vapor source.

FLASH POINT:(Method Used) -30°F	**FLAMMABLE LIMITS:**	LEL: 1.0% UEL: 8.0%

AUTOIGNITION TEMPERATURE: 797°F

EXTINGUISHING MEDIA: Dry Chemical, CO_2, Foam for Alcohols, Water spray, and fog to cool exposures

HAZARDOUS REACTIONS/DECOMPOSITION: Combustion may produce carbon monoxide, carbon dioxide, and acrid fumes. Incomplete combustion generates highly poisonous carbon monoxide and perhaps other toxic gases.

SPECIAL INSTRUCTIONS: Do not enter fire area without proper protection. Decomposition products possible. Fight fires from safe distance/protected location. Heat may build pressure/rupture closed containers, spreading fire, increasing risk of burns/injuries. Water may be ineffective due to low flash point. Even if material is water soluble, may not be practicable to extinguish fire by water dilution. Apply water spray/fog for cooling. Notify authorities if liquid enters sewer/public waters.

SECTION 6 ❖ ACCIDENTAL RELEASE MEASURES

- Flammable liquid. Release can cause fire/explosion. Liquids/vapors may ignite. Evacuate/limit access. Equip responders with proper protection. Kill all ignition sources. Stop release. Prevent flow to sewers/public waters. Notify fire/environmental authorities. Blanket with firefighting foam. Restrict water use for cleanup. Impound/recover large land spill. Soak up small spill with inert solids. Use suitable disposal containers. On water material partially soluble/may float or sink. Contain/minimize dispersion/collect. Disperse residue to reduce aquatic harm.

SECTION 7 ✂ HANDLING AND STORAGE

Prior to working with this product workers should be trained on its proper handling and storage

- Store in tightly closed/properly vented containers away from heat/sparks/open flame/strong oxidizers. Use only non-sparking tools. Store drums with bung in up position. Carefully vent internal pressure before removing closure. Containers must be grounded before transfer. Electrical equipment should conform to National Electric Code. Handle used containers with care; residue may be flammable/explosive, unless blanketed with inert gas.
- Isolate, vent, drain, wash, and purge equipment before maintenance. Remove all ignition sources, check atmosphere for explosiveness and oxygen deficiencies. Use adequate personal protective equipment. Observe precautions pertaining to confined space entry.

SECTION 8 ⌖ EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: No special ventilation is usually required beyond that needed for normal comfort control.

OTHER HYGIENIC AND WORK PRACTICES: Emergency eye wash fountains and safety showers should be available in the immediate vicinity or any potential exposure. Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Promptly remove soiled clothing/wash thoroughly before reuse. Shower after work using plenty of soap and water.

EXPOSURE LIMITS

OSHA PEL		ACGIH TLV (2005)	
METHYL TERT BUTYL ETHER			
TWA	STEL	TWA	STEL
Not Applicable (N.A.)	N.A.	50 ppm	N.A.

PERSONAL PROTECTIVE EQUIPMENT

- **EYES:** Eye protection such as chemical splash goggles and/or face shield must be worn when possibility exists for eye contact due to splashing or spraying liquid, airborne particles, or vapor. Contact lenses should not be worn.
- **SKIN:** Depending on the conditions of use, protective gloves, apron, boots, head and face protection should be worn. This equipment should be cleaned thoroughly after each use.
- **RESPIRATORY PROTECTION:** No occupational exposure standards have been developed for this material. Where exposure through inhalation may occur from use, NIOSH/MSHA approved respiratory protection is recommended.

SECTION 9 ϟ PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (760 MM HG): 131°F	**PERCENT VOLATILE BY VOLUME:** 100%
SPECIFIC GRAVITY (H_2O = 1): 0.74 @ 68°F	**VISCOSITY UNITS, TEMP:** No Data
FREEZING POINT: -164°F	**VAPOR DENSITY (AIR =1):** 3.1
VAPOR PRESSURE AT 68°F: 75 mm Hg	**SOLUBILITY IN WATER:** Approximately 4% to 5%
APPEARANCE AND ODOR: Clear, colorless liquid with ether-like odor.	

SECTION 10 ⌑ STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable

CONDITIONS TO AVOID: High temperature, open flame or spark.

OTHER PHYSICAL AND CHEMICAL PROPERTIES: No Data

MATERIALS TO AVOID: Strong oxidizing agents, ungrounded electrical equipment, open flames and spark.

HAZARDOUS POLYMERIZATION: Not Expected to Occur

SECTION 11 ⊛ TOXICOLOGICAL INFORMATION

METHYL TERT BUTYL ETHER (MTBE)

Acute symptoms associated with human exposure to MTBE appear to be mild and transient. Breathing small amounts of MTBE for short periods may cause nose and throat irritation. In laboratory studies, rodents exposed to high doses of MTBE exhibited blood chemistry changes and liver and kidney abnormalities.

TOXICITY

Type Of Dose	Specie	Result	Type Of Dose	Specie	Result	Type Of Dose	Specie	Result
$LD_{50(oral)}$	Mouse	3,500 mg/kg	$LC_{50(inh)}$	Mouse	35,000 ppm	$LD_{LO(oral)}$	Human	No Data Available

CARCINOGENICITY

IARC	Sufficient evidence in animals	Inadequate evidence in humans	Group 3: Possible human carcinogen
NTP	Not identified as a Know Carcinogen or Anticipated Human Carcinogen		

California (Prop 65): Listed as carcinogen	NIOSH: Not Listed	ACGIH: A3 – Confirmed Animal	OSHA: not classifiable as a human carcinogen

MUTAGENICITY, TERATOGENICITY AND REPRODUCTIVE EFFECTS

In laboratory studies, MTBE vapor exposure at the high dose concentration was associated with an increased incidence of liver tumors in female mice. Also, at high dose concentration exposures, MTBE was associated with an increased incidence of kidney and testicular (Leydig cell) tumors in male rats. There is no evidence that MTBE causes cancer in humans.

SECTION 12 ❋ ECOLOGICAL INFORMATION

ACUTE EFFECTS: MTBE is considered moderately toxicity to aquatic life. Insufficient data are available to evaluate or predict the short-term effects to birds or land animals.

CHRONIC EFFECTS: MTBE is considered moderately toxicity to aquatic life. Insufficient data are available to evaluate or predict the long-term effects to birds or land animals.

DISTRIBUTION AND PERSISTENCE IN THE ENVIRONMENT: MTBE evaporates when exposed to air. It dissolves when mixed with water. Most direct releases of MTBE to the environment are to air. MTBE also evaporates from water and soil exposed to air. Once in air, it is expected to break down to other chemicals. Because it is a liquid that does not bind well to soil, MTBE that makes its way into the ground can move through the ground and enter groundwater. Plants and animals are not likely to store methyl tertiary-butyl ether..

SECTION 13 ✣ DISPOSAL CONSIDERATIONS

Contaminated product/soil/water may be RCRA/OSHA hazardous waste due to low flash point. Use registered transporters. Dilute aqueous waste may biodegrade.

SECTION 14 ★ TRANSPORTATION INFORMATION

Not Meant To Be All Inclusive - Check Local, State, And Federal Laws And Regulations

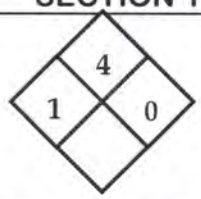
Agency	Shipping Name	Packing Group	Hazard Class	UN/NA #
U.S. DOT	Methyl tert-butyl ether	II	Flammable Liquid	UN 2398

SECTION 15 ☽ REGULATORY INFORMATION

CERCLA RQ's (40 CFR Part 302)	MTBE - 1,000 pounds
RCRA	Not Listed
SARA (40 CFR Part 355) TPQ's	None of the ingredients are listed
SARA Title III Section 313	All ingredients listed
California's Prop 65	All ingredients listed
OSHA	All ingredients are listed as hazardous under 29 CFR 1910.1200

SECTION 16 ❁ OTHER INFORMATION

NFPA 704 LABEL:



HMIS LABEL

1-4-0

MSDS REVISIONS: Change in Format and update of Information

MSDS CREATION DATE: July 1997 | **REVISION #1:** 01/03/06

DISCLAIMER

The information in this MSDS was obtained from sources which we believe are reliable. **HOWEVER, THE INFORMATION IS PROVIDED WITHOUT ANY WARRANTY, EXPRESS OR IMPLIED, REGARDING ITS ACCURACY.** Some conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. **FOR THIS AND OTHER REASONS, WE DO NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIM LIABILITY FOR LOSS, DAMAGE OR EXPENSE ARISING OUT OR IN ANY WAY CONNECTED WITH THE HANDLING, STORAGE, USE OR DISPOSAL OF THE PRODUCT.** All product measurements such as flash point, *etc.* are considered approximate values. All data provided by Explorer Pipeline Company.

This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, such as refined petroleum hydrocarbon mixtures, this MSDS information may not be applicable.

MSDS DEVELOPER: Cass Willard

Cass Willard, CIH

DATE: 01/03/06

MATERIAL SAFETY DATA SHEET FOR LEAD

SECTION 1 – MATERIAL IDENTIFICATION

Material Name: **Lead**

Description: Bluish-Grey metal, apparently odorless

Other Designations: Soft lead, Hard Lead, Calcium lead.

Manufacturer: Mars Metal Company,
4130 Morris Drive,
Burlington, Ontario
L7L 5L6

Emergency Phone Number: (905) 637-3862

SECTION II – HAZARDOUS INGREDIENTS EXPOSURE GUIDELINES

Base Metal: Lead – C.A.S. #7439-9201/Exposure Limits: 1.05 Mg/M3 ACGIH TWA
Alloys: Sb, Sn, As, Cu, Ca – Antimony C.A.S. #7440-36-0/
Exposure Limits: 0.50 Mg/M3 ALGIH TWA

SECTION III – PHYSCIAL DATA:

Boiling Point: 3164 degrees Fahrenheit
Melting Point: 622 degrees Fahrenheit
Specific Gravity: (H o = 1) Approximately 10.3
Vapour Pressure: (MM HG) N.A.
Solubility in Water: Negligible

SECTION IV – FIRE AND EXPLOSION DATA

Hazards: Toxic fumes and vapours are produced by molten lead.
Dust explosion potential exists

Extinguishing Media: Dry chemical or carbon dioxide should be used on surrounding Area.

Firefighting Procedures: Full body protective clothing should be worn and positive pressure breathing apparatus used.

Flammability: Metal is not flammable, powders or dust may be flammable.

SECTION V – REACTIVITY DATA

Chemical Stability: Metal is stable.

Incompatibility: Strong oxidizers, Hydrogen Peroxide, Active metals.

Hazardous Decomposition Products: High temperature may produce hazardous fumes.

SECTION VI – HEATH HAZARD DATA AND FIRST AID

Threshold Limit Value: Time weighed average exposure 0.15 MG/M3. Short term Exposure 0.30 MG/M3.

Routes of Exposure: Ingestion, Inhalation, and Eyes.

EFFECTS OF EXPOSURE:

Acute Overexposure: May cause weakness, vomiting, loss of appetite and Constipation.

Chronic Exposure: May cause weakness, Insomnia, Hypertension, Anemia, Neuromuscular dysfunction's and joint paint.

EMERGENCY AND FIRST AID PROCEDURES:

Ingestion: Rinse mouth, give plenty of water, get medical attention.

Inhalation: Remove from exposure to fresh air, get medical attention.

Eyes: Rinse thoroughly with water, get medical attention.

Skin: Remove contaminated clothing and wash effected area with water and soap.

SECTION VII – SPILL AND LEAK PROCEDURES:

Released or Spilled: Sweep up carefully using water (or other suitable wetting agent) to
prevent emissions, place waste in sealable containers which are
to be disposed of in accordance with local legislation.

Waste Disposal Method: Contact local authorities for instructions on proper disposal procedures in your area.

SECTION VIII – SPECIAL PROTECTION INFORMATION:

Respiratory: Use respirators as per the regulations respecting Lead.

Eye Protection: Face shield/approved safety glasses.

Hands: Protective gloves should be worn when handling Lead.

Other Protective Equipment: Clean overalls, safety boots, and helmets.

Local Exhaust: Adequate local and general ventilation must be provided.

SECTION IX – SPECIAL PRECAUTIONS:

Handling and Storage: Lead dust should be handled in sealed containers. Every effort should be made to prevent dusts from becoming airborne.

Other Precautions: Use wet methods for dust control whenever possible. Ensure that there is sufficient ventilation in areas of lead use.

January 2008

MATERIAL SAFETY DATA SHEET

(POLYCHLORINATED BIPHENYLS)

COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients Name: polychlorinated biphenyls (PCBs)

HAZARD IDENTIFICATION

Reports of Carcinogenicity: YES

HEALTH HAZARDS ACUTE AND CHRONIC

- **Eyes**: Moderately irritating to eye tissues.
- **Skin**: Can be absorbed through intact skin, may cause de-fatting, potential for chloracne.
- **Inhalation**: Possible liver injury.
- **Ingestion**: Slightly toxic; reasonably anticipated to be carcinogenic.

EFFECTS OF OVER-EXPOSURE

Can cause dermatological symptoms; however, these are reversible upon removal of exposure source.

FIRST AID MEASURES

- **Eyes**: Irrigate immediately with copious quantities of running water for at least 15 minutes if liquid or solid PCBs get into them.
- **Skin:** Contaminated clothing should be removed and the skin washed thoroughly with soap and water. Hot PCBs may cause thermal burns.
- **Inhalation**: Remove to fresh air; if skin rash or respiratory irritation persists, consult a physician (if electrical equipment arcs over, PCBs may decompose to produce hydrochloric acid).
- **Ingestion**: Consult a physician. Do not induce vomiting or give any oily laxatives. (If large amounts are ingested, gastric lavage is suggested).

FIRE FIGHTING MEASURES: Flash Point: >141 ^{o}C (285.8 ^{o}F)

EXTINGUISHING MEDIA: PCBs are fire-resistant compounds.

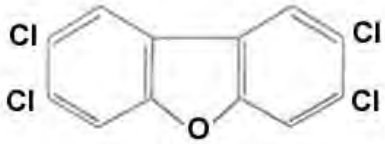
FIRE-FIGHTING PROCEDURES

Standard fire-fighting wearing apparel and self-contained breathing apparatus should be worn when fighting fires that involve possible exposure to chemical combustion products. Fire fighting equipment should be thoroughly cleaned and decontaminated after use.

UNUSUAL FIRE/EXPLOSION HAZARD

If a PCB transformer is involved in a fire-related incident, the owner of the transformer is required to report the incident. Consult and follow appropriate federal, provincial and local regulations.

***Note**: When askarel liquid becomes involved in a fire, toxic by-products of combustion are typically produced including polychlorinated dibenzofurans and polychlorinated dibenzodioxins, both known carcinogens. The structures of these chemical species are as follows:*

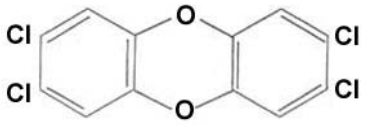


$C_{12}H_{8-n}Cl_nO$

$n = 4 - 8$

TCDF

2,3,7,8-tetrachlorodibenzofuran



$C_{12}H_{8-n}Cl_nO_2$

$n = 4 - 8$

TCDD

2,3,7,8-tetrachloro-dibenzo-p-dioxin

***Note**: 2,3,7,8-tetrachloro-dibenzo-p-dioxin is one of the most potent teratogenic, mutagenic and carcinogenic agents known to man.*

SPILL RELEASE PROCEDURES

Cleanup & disposal of liquid PCBs are strictly regulated by the federal government. Ventilate area. Contain spill/leak. Remove spill by means of absorptive material. Spill clean-up personnel should use proper protective clothing. All wastes and residues containing PCBs should be collected, containerized, marked and disposed of in the manner prescribed by applicable federal, provincial and local laws.

HANDLING AND STORAGE PRECAUTIONS

Care should be taken to prevent entry into the environment through spills, leakage, use, vaporization, or disposal of liquid. Avoid prolonged breathing of vapours or mists. Avoid contact with eyes or prolonged contact with skin. Comply with all federal, provincial and local regulations.

OTHER PRECAUTIONS

Federal regulations require PCBs, PCB items, storage areas, transformer vaults, and transport vehicles to be appropriately labelled.

RESPIRATORY PROTECTION

Use OHSA approved equipment when airborne exposure limits are exceeded. Full facepiece equipment is recommended and, if used, replaces need for face shield and/or chemical splash goggles. The respirator use limitations specified by the manufacturer must be observed.

VENTILATION

Provide natural or mechanical ventilation to control exposure levels below airborne exposure levels.

PROTECTIVE GLOVES: Wear appropriate chemical resistant gloves to prevent skin contact.

EYE PROTECTION: Wear chemical splash goggles and have eye baths available.

OTHER PROTECTIVE EQUIPMENT

Wear appropriate protective clothing. Provide a safety shower at any location where skin contact can occur.

WORK HYGIENIC PRACTICES

Wash thoroughly after handling. Supplemental safety and health : none

PHYSICAL/CHEMICAL PROPERTIES

- **Vapour pressure:** (mm Hg @100 ^{o}F) 0.005 - 0.00006
- **Viscosity:** (CENTISTOKES) 3.6 - 540
- **Stability indicator/materials to avoid:** Yes
- **Stability Condition to Avoid:** PCBs are very stable, fire-resistant compounds.

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon monoxide, carbon dioxide, hydrogen chloride, phenolics, aldehydes, furans, dioxins

WASTE DISPOSAL METHODS

Consult the applicable PCB regulations prior to any disposal of PCBs or PCB-contaminated items.

Material Safety Data Sheet

MSDS ID NO.: 0255MAR019
Revision date: 09/12/2005

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product name: Marathon 325 Extract
Synonyms: SB-AE Binder; 325 Aromatic Extract; Heavy Paraffinic Solvent Extract
Chemical Family: Aromatic Extract
Formula: Mixture

Manufacturer:
Marathon Petroleum Company LLC
539 South Main Street
Findlay OH 45840

Other information: 419-421-3070
Emergency telephone number: 877-627-5463

2. COMPOSITION / INFORMATION ON INGREDIENTS

325 Extract is a complex mixture of hydrocarbons obtained as the extract from a solvent extraction process. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C20-C50. The CAS description of this stream states that it is likely to contain >5% 4 to 6-membered condensed ring polycyclic aromatic hydrocarbons.

This product was analyzed by MAP and found to contain <0.05% of the 22 3-7 ring polycyclic aromatic compounds identified as Persistent Bioaccumulative Toxic (PBT) Chemicals subject to reporting under EPA EPCRA Section 313 regulations.

Product information

Name	CAS Number	Weight %	ACGIH Exposure Limits:	OSHA - Vacated PELs - Time Weighted Ave	Other:
Marathon 325 Extract	64742-04-7	100			

Component Information

Name	CAS Number	Weight %	ACGIH Exposure Limits:	OSHA - Vacated PELs - Time Weighted Ave	Other:
Extracts, Petroleum Heavy Paraffinic Distillate Solvent	64742-04-7	100.0000			
Sulfur Compounds	Mixture	0.5-4			

Notes: The manufacturer has voluntarily elected to reflect exposure limits contained in OSHA's 1989 air contaminants standard in its MSDS's, even though certain of those exposure limits were vacated in 1992.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

THIS PRODUCT IS A BROWN TO BLACK VISCOUS COLORED LIQUID. CONTAINS POLYNUCLEAR AROMATIC HYDROCARBONS SOME OF WHICH HAVE PRODUCED CANCER IN LABORATORY ANIMALS AND HUMANS. REPEATED SKIN CONTACT TO SOME COMPONENTS OF THIS PRODUCT HAVE PRODUCED SYSTEMIC TOXICITY (INCLUDING LIVER DAMAGE) IN LABORATORY ANIMALS. VAPORS CAN PRODUCE EYE, SKIN, AND RESPIRATORY TRACT IRRITATION. THIS PRODUCT IS NOT A COMBUSTIBLE LIQUID PER THE OSHA HAZARD COMMUNICATION STANDARD, BUT WILL IGNITE AND BURN AT TEMPERATURES EXCEEDING THE FLASH POINT.

OSHA WARNING LABEL:

DANGER!
CONTAINS POLYNUCLEAR AROMATIC HYDROCARBONS SOME OF WHICH HAVE PRODUCED CANCER IN LABORATORY ANIMALS AND HUMANS.
REPEATED SKIN CONTACT TO SOME COMPONENTS IN THIS PRODUCT HAS PRODUCED SYSTEMIC TOXICITY (INCLUDING LIVER DAMAGE) IN LABORATORY ANIMALS.

CONSUMER WARNING LABEL:

A CONSUMER WARNING LABEL IS NOT APPLICABLE FOR THIS PRODUCT.

Inhalation: Exposure to vapor or mist may cause pulmonary irritation, dizziness, nausea and loss of consciousness.

Ingestion: Product is presumed to be slightly toxic (single dose). Significant ingestion could result in liver damage.

Skin contact: Prolonged and repeated liquid contact can cause dermatitis, folliculitis or oil acne. Components of this product may cause skin sensitization. Components of this product can cause liver damage if absorbed through the skin.

Eye contact: Liquid or vapor contact may result in slight eye irritation.

Carcinogenic Evaluation:

Product information

Name	IARC Carcinogens:	NTP Carcinogens:	ACGIH - Carcinogens:	OSHA - Select Carcinogens:
Marathon 325 Extract 64742-04-7	NE			

Notes: The International Agency for Research on Cancer (IARC) has determined that there is sufficient evidence for the carcinogenicity of untreated vacuum distillates, acid-treated oils, and aromatic oils, including extracts from solvent treatment of distillates and the high boiling fraction of catalytically cracked oils in animals.

Component Information

Notes: The International Agency for Research on Cancer (IARC) and the National Toxicology Program (NTP) have concluded that certain polycyclic aromatic hydrocarbons, i.e. (benzo(a)pyrene, benz(a)anthracene, benzo(a)phenanthrene, indeno(1,2,3-cd)pyrene, benzo(j)fluoranthene, benzo(j,k,fluorine, benzo(g,h,i)perylene, and 5-methylchrysene are probably carcinogenic to humans (Group 2A and B).

4. FIRST AID MEASURES

Inhalation: If affected, move person to fresh air. If breathing is difficult, administer oxygen. If not breathing or if no heartbeat, give artificial respiration or cardiopulmonary resuscitation (CPR). Immediately call a physician. If symptoms or irritation occur with any exposure, call a physician.

Skin contact: Wash with soap and large amounts of water. Remove contaminated clothing. If symptoms or irritation occur, call a physician.

Ingestion: Ingestion not likely. If swallowed, do not induce vomiting and do not give liquids. Immediately call a physician.

Eye contact: Flush eyes with large amounts of tepid water for at least 15 minutes. If symptoms or irritation occur, call a physician.

Medical conditions aggravated by exposure: Preexisting skin conditions, respiratory disorders, and impaired liver function may be aggravated by exposure to components of this product.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: For small fires, Class B fire extinguishing media such as CO2, dry chemical, foam (AFFF/ATC) or water spray can be used. For large fires, water spray, fog or foam (AFFT/ATC) can be used. Fire fighting should be attempted only by those who are adequately trained and equipped with proper protective equipment.

Specific hazards: This product is not a combustible liquid per the OSHA Hazard Communication Standard, but will ignite and burn at temperatures exceeding the flash point.

Special protective equipment for firefighters: Avoid using straight water streams. Water spray and foam (AFFF/ATC) must be applied carefully to avoid frothing and from as far a distance as possible. Avoid excessive water spray application. Use water spray to cool exposed surfaces from as far a distance as possible. Keep run-off water out of sewers and water sources.

Flash point: 435 F; 224 C (Min)
Autoignition temperature: No data available.
Flammable limits in air - lower (%): No data available.
Flammable limits in air - upper (%): No data available.

NFPA rating:
Health: 2
Flammability: 1
Reactivity: 1
Other: -

HMIS classification:
Health: 2
Flammability: 1
Reactivity: 1
Special: *See Section 8 for guidance in selection of personal protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Keep public away. Isolate and evacuate area. Shut off source if safe to do so. Advise authorities and National Response Center (800-424-8802) if substance has entered a watercourse or sewer. Notify local health and pollution control agencies, if appropriate. Contain liquid with sand or soil. Recover and return product to source.

7. HANDLING AND STORAGE

Handling:

Comply with all applicable EPA, OSHA, NFPA and consistent state and local requirements. Use appropriate grounding and bonding practices. Store in properly closed containers that are appropriately labeled and in a cool well-ventilated area. Do not expose to heat, open flames, strong oxidizers or other sources of ignition. Do not cut, drill, grind or weld on empty containers since they may contain explosive residues.

Avoid skin contact. Stay upwind and vent open hatches before unloading. Exercise good personal hygiene including removal of soiled clothing and prompt washing with soap and water.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

Engineering measures: Local or general exhaust required in an enclosed area or when there is inadequate ventilation.

Respiratory protection: Not required under normal conditions and adequate ventilation. Use atmosphere supplying respirators in confined spaces or when vapors exceed permissible limits; otherwise, an organic vapor respirator with pre-filter for fumes can be used. Self-contained breathing apparatus should be used for fire fighting.

Skin and body protection: Impermeable gloves (e.g., nitrile, viton, tyvek/saranex 23) to prevent skin contact. Chemical resistant apron or other protective clothing to avoid skin contact.

Eye protection: Goggles and faceshield when handling hot material.

Hygiene measures: Use mechanical ventilation equipment that is explosion-proof.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance:	Brown To Black Viscous Liquid
Physical state (Solid/Liquid/Gas):	Liquid
Substance type (Pure/Mixture):	Mixture
Color:	Brown to Black
Odor:	Aromatic Sweet
Molecular weight:	Not determined.
pH:	Neutral
Boiling point/range (5-95%):	642-1017 F
Melting point/range:	Not determined.
Decomposition temperature:	Not applicable.
Specific gravity:	1.0
Density:	8.3 lbs/gal
Bulk density:	No data available.
Vapor density:	No data available.
Vapor pressure:	Negligible
Evaporation rate:	No data available.
Solubility:	Not determined
Solubility in other solvents:	No data available.
Partition coefficient (n-octanol/water):	No data available.
VOC content(%):	No data available.
Viscosity:	453.4 cSt @ 40 C 16.4 cSt @ 100 C
Pour Point:	70 F

10. STABILITY AND REACTIVITY

Stability: The material is stable at 70 F, 760 mm pressure.

Polymerization: Will not occur.

Hazardous decomposition products: Combustion produces carbon monoxide, aldehydes, aromatic and other hydrocarbons.

Materials to avoid: Strong oxidizers such as nitrates, chlorates, peroxides.

Conditions to avoid: Sources of heat or ignition.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:

Product information

Name	CAS Number	Inhalation:	Dermal:	Oral:
Marathon 325 Extract	64742-04-7	No data available	>2 mg/kg [Rabbit]	>5 gm/kg [Rat]

Lifetime skin painting studies with heavy distillate aromatic extracts (HDAE) have produced tumors following prolonged and repeated skin contact. HDAE was found to be positive in an Ames mutagenicity test. Repeated dermal application of HDAE (30 mg/kg/day for 13 weeks) resulted in anemia, liver degeneration and injury to bone marrow and lymphoid tissues. Treatment related mortality and body weight reduction was observed at 500 mg/kg. Repeated dermal application (125 mg/kg/day) of HDAE to pregnant rats during gestation produced maternal and fetal toxicity. Increased resorptions were observed at doses of 30 mg/kg/day and above.

Summary of health effect data on aromatic extracts:

This product contains >0.1% 3-7 ring polynuclear aromatic hydrocarbons (PAC's). Some 3-7 ring PACs have been shown to be carcinogenic in experiment animals. An increased risk of cancer has been observed in workers employed in the aluminum production, coal gasification, coal-tar pitch, coke production and iron and steel industries that had been occupationally exposed to polynuclear aromatic hydrocarbons (PAC). Since these kinds of PACs have been measured at high levels in air samples taken in these idustries, IARC has concluded that these PACs are probably carcinogenic to humans.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects: If spilled, hot product and/or the coating action of the oil components could harm plant life.

The 96 hour TLM for WAF (water accommodated fraction) of an aromatic extract is >1000 mg/l in fish or algae. 21 day exposures of 1000 mg/l WAF of an aromatic extract to Daphnia did not affect survival nor reproduction.

13. DISPOSAL CONSIDERATIONS

Cleanup Considerations: This material as supplied and by itself, when discarded or disposed of, is not an EPA RCRA hazardous waste according to federal regulations. This material could become a hazardous waste if mixed or contaminated with a hazardous waste or other substance(s). It is the responsibility of the user to determine if disposal material is hazardous according to federal, state and local regulations.

14. TRANSPORT INFORMATION

49 CFR 172.101:

DOT:

Transport Information: This material when transported via US commerce is NOT REGULATED by DOT regulations.

DOT reportable quantity (lbs): Not applicable.

TDG (Canada):
Regulated substances: Not applicable.

15. REGULATORY INFORMATION

Federal Regulatory Information:

US TSCA Chemical Inventory Section 8(b): This product and/or its components are listed on the TSCA Chemical Inventory.

OSHA Hazard Communication Standard: This product has been evaluated and determined to be hazardous as defined in OSHA's Hazard Communication Standard.

EPA Superfund Amendment & Reauthorization Act (SARA):

SARA Section 302: This product contains the following component(s) that have been listed on EPA's Extremely Hazardous Substance (EHS) List:

Name	CERCLA/SARA - Section 302 Extremely Hazardous Substances and TPQs
Extracts, Petroleum Heavy Paraffinic Distillate Solvent	NA
Sulfur Compounds	NA

SARA Section 304: This product contains the following component(s) identified either as an EHS or a CERCLA Hazardous substance which in case of a spill or release may be subject to SARA reporting requirements:

Name	CERCLA/SARA - Hazardous Substances and their Reportable Quantities
Extracts, Petroleum Heavy Paraffinic Distillate Solvent	NA
Sulfur Compounds	NA

SARA Section 311/312: The following EPA hazard categories apply to this product:

Acute Health Hazard
Chronic Health Hazard

SARA Section 313: This product contains the following component(s) that may be subject to reporting on the Toxic Release Inventory (TRI) From R:

Name	CERCLA/SARA 313 Emission reporting:
Extracts, Petroleum Heavy Paraffinic Distillate Solvent	None
Sulfur Compounds	None

State and Community Right-To-Know Regulations:
The following component(s) of this material are identified on the regulatory lists below:

Extracts, Petroleum Heavy Paraffinic Distillate Solvent

Louisiana Right-To-Know:	Not Listed
California Proposition 65:	Not Listed
New Jersey Right-To-Know:	Not Listed.
Pennsylvania Right-To-Know:	Not Listed.
Massachusetts Right-To Know:	Carcinogen; Extraordinarily hazardous
Florida substance List:	Not Listed.
Rhode Island Right-To-Know:	Not Listed

Michigan critical materials register list:	Not Listed.
Massachusetts Extraordinarily Hazardous Substances:	carcinogen; extraordinarily hazardous
California - Regulated Carcinogens:	Not Listed
Pennsylvania RTK - Special Hazardous Substances:	Not Listed
New Jersey - Special Hazardous Substances:	Not Listed
New Jersey - Environmental Hazardous Substances List:	Not Listed
Illinois - Toxic Air Contaminants	Not Listed
New York - Reporting of Releases Part 597 - List of Hazardous Substances:	Not Listed

Sulfur Compounds

Louisiana Right-To-Know:	Not Listed
California Proposition 65:	Not Listed
New Jersey Right-To-Know:	Not Listed.
Pennsylvania Right-To-Know:	Not Listed.
Massachusetts Right-To Know:	Not Listed.
Florida substance List:	Not Listed.
Rhode Island Right-To-Know:	Not Listed
Michigan critical materials register list:	Not Listed.
Massachusetts Extraordinarily Hazardous Substances:	Not Listed
California - Regulated Carcinogens:	Not Listed
Pennsylvania RTK - Special Hazardous Substances:	Not Listed
New Jersey - Special Hazardous Substances:	Not Listed
New Jersey - Environmental Hazardous Substances List:	Not Listed
Illinois - Toxic Air Contaminants	Not Listed
New York - Reporting of Releases Part 597 - List of Hazardous Substances:	Not Listed

Canadian Regulatory Information:

Canada DSL/NDSL Inventory: This product and/or its components are listed either on the Domestic Substances List (DSL) or the Non Domestic Substance List (NDSL).

16. OTHER INFORMATION

Additional Information: No data available.

Prepared by: Craig M. Parker Manager, Toxicology And Product Safety

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End of Safety Data Sheet

MATERIAL SAFETY DATA SHEET — MALATHION ULV® CONCENTRATE INSECTICIDE

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT, CALL CHEMTREC - DAY OR NIGHT 1-800-424-9300

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

FORMULATED FOR:

Loveland Products, Inc.
P.O. Box 1286 • Greeley, CO 80632-1286

24-Hour Emergency Phone: 1-800-424-9300
Medical Emergencies: 1-800-301-7976
U.S. Coast Guard National Response Center: 1-800-424-8802

PRODUCT NAME: MALATHION ULV® CONCENTRATE INSECTICIDE
CHEMICAL NAME: Malathion; (0-0-Dimethyl phosphorodithioate of diethyl mercaptosuccinate)
CHEMICAL FAMILY: Organophosphate Insecticide
EPA REG. NO.: 34704-565
MSDS Number: 000565-04b-LPI **MSDS Revisions:** See section 16 **Date Of Issue:** 07/08/04 **Supersedes:** 01/08/04

2. HAZARDS IDENTIFICATION SUMMARY

KEEP OUT OF REACH OF CHILDREN – CAUTION – Harmful if swallowed, inhaled or absorbed through skin. Avoid breathing vapors or spray mist. Avoid contact with skin, eyes, or clothing. Do not contaminate feed or foodstuffs.

This product is clear yellow-amber colored liquid with a mild petroleum odor.
Warning Statements:

NOTE TO PHYSICIAN: This product is a cholinesterase inhibitor. Treat symptomatically. Atropine is an antidote. Symptoms of cholinesterase inhibition include salivation, gastrointestinal hypermotility, abdominal cramping, nausea, diarrhea, sweating, miosis, tearing, blurred vision, headache, dizziness, ataxia, bradycardia, dyspnea, cyanosis, and muscle twitching or tremors. In extreme cases, tetany, mental confusion, incontinence, weakness, collapse, paralysis, convulsive seizures, and even death, can occur.

3. COMPOSITION, INFORMATION ON INGREDIENTS

Chemical Ingredients:	Percentage by Weight:	CAS No.	TLV (Units)
Malathion	96.50	121-75-5	15 mg/m^3 (skin)
Inert Ingredients	3.50		

This product is hazardous according to the OSHA Hazard Communication Standard (29 CFR 1910.1200)

4. FIRST AID MEASURES

If swallowed: Call a poison control center or doctor immediately for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to mouth, if possible. Call a poison control center or doctor for further treatment advice.

If in eyes: Hold eye open and rinse slowly and gently with water 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for further treatment advice.

FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: **1-800-301-7976.** Have the product label or container with you when calling a poison control center or doctor, or going for treatment.

5. FIRE FIGHTING MEASURES

FLASH POINT (°F/Test Method): 325.4°F/163°C (PMCC)
FLAMMABLE LIMITS (LFL & UFL): None established
EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, foam, water spray or fog.
HAZARDOUS COMBUSTION PRODUCTS: Thermal decomposition products include dimethyl sulfide, sulfur dioxide, carbon monoxide, carbon dioxide, and phosphorus pentoxide.
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus with full protective clothing. Fight fire from upwind and keep all non-essential personnel out of area. Avoid heavy hose streams.
UNUSUAL FIRE AND EXPLOSION HAZARDS: If water is used to fight fire or cool containers, contain runoff by diking to prevent contamination of water supplies. Containers in fire may burst or explode from excessive heat. Stay well back from fire area.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
For small spills, absorb with an absorbent material such as pet litter. Sweep up and transfer to containers for possible land application according to label use or for proper disposal. Check local, state and federal regulations for proper disposal. Flush the area with water to remove any residue.
CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

7. HANDLING AND STORAGE

HANDLING: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

STORAGE: Store in a safe manner. Store in original container only. Keep container tightly closed when not in use. Store at temperatures not exceeding 77°F/25°C. Do not use or store near heat or open flame. Do not contaminate water, food or feed by storage or disposal.

Personal Protective Equipment: Applicators and other handlers must wear: long sleeved shirt and long pants, chemical-resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber or Viton® and shoes plus socks. Follow manufacturer's instructions for cleaning and maintaining PPE. If no instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets with requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

RESPIRATORY PROTECTION: Not normally required, if vapors or mists exceed acceptable levels, wear a NIOSH approved pesticide respirator.

EYE PROTECTION: Chemical goggles or shielded safety glasses.

SKIN PROTECTION: Wear protective clothing: long-sleeved shirts and pants, shoes with socks. Wear chemical-resistant gloves.

	OSHA PEL 8 hr TWA	ACGIH TLV-TWA
Malathion	15 mg/m^3 (Skin) - 1 mg/m^3 (Inhalable fraction of aerosol); BEI*	

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Clear yellow-amber colored liquid with a mild petroleum odor.

SPECIFIC GRAVITY (Water = 1): 1.231 g/ml

BULK DENSITY: 10.27 lbs/gal.

SOLUBILITY: Emulsifies

pH: 3.7-3.8 (50% solution)

VAPOR PRESSURE: 3.4 x 10^{-6} mm/Hg @ 25°C

BOILING POINT: >300°F/>148.9°C

PERCENT VOLATILE (by volume): Not established

EVAPORATION RATE: Not established

Note: These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

10. STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: Excessive heat.

INCOMPATIBILITY: Strong alkalis, amines, and strong oxidizing compounds. Can corrode iron, steel, tin plate, lead and copper. Rapidly hydrolyzed at pH >7.0 or <5.0.

HAZARDOUS DECOMPOSITION PRODUCTS: Dimethyl sulfide, sulfur dioxide, carbon monoxide, carbon dioxide, and phosphorus pentoxide.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute Oral LD_{50} (rat): 5500 mg/kg

Acute Dermal LD_{50} (rabbit): > 2000 mg/kg

Eye Irritation (rabbit): Slight irritation

Skin Irritation (rabbit): Slight irritation

Inhalation LC_{50} (rat): >5.2 mg/L (4 hr)

Skin Sensitization (Guinea Pig): Not a sensitizer

Carcinogenic Potential: Not listed by NTP, ACGIH, OSHA, or NIOSH as a carcinogen.

12. ECOLOGICAL INFORMATION

Malathion is toxic to fish, aquatic invertebrates, and aquatic life stages of amphibians. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in areas near the application site. Do not contaminate water by cleaning equipment or disposal of wash waters. Highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

13. DISPOSAL CONSIDERATIONS

Do not reuse empty container. **Metal:** Triple rinse (or equivalent), then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by local, state and federal regulations. **Plastic:** Triple rinse (or equivalent), then offer for recycling at an ACRC site (go to http://www.acrecycle.org/ for locations) or by reconditioning, or puncture and dispose of in a sanitary landfill, or, incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Do not contaminate water, food or feed by storage or disposal.

14. TRANSPORT INFORMATION

DOT Shipping Description: LESS THAN 10.2 GALLONS NOT REGULATED BY USDOT.

DOT Shipping Description: RQ ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, UN3082, III (MALATHION) MARINE POLLUTANT ERG GUIDE 171

U.S. Surface Freight Classification: INSECTICIDES, INSECT REPELLENTS, NOI, OTHER THAN POISON (NMFC 102120, CLASS: 60)

Consult appropriate ICAO/IATA and IMDG regulations for shipment requirements in the Air and Maritime shipping modes.

15. REGULATORY INFORMATION

NFPA & HMIS Hazard Ratings:

NFPA		HMIS
2 Health	0 Least	2 Health
1 Flammability	1 Slight	1 Flammability
0 Instability	2 Moderate	0 Reactivity
	3 High	H PPE
	4 Severe	

SARA Hazard Notification/Reporting
SARA Title III Hazard Category:

Immediate	Y	Fire	N	Sudden Release of Pressure	N
Delayed	Y	Reactive	N		

Reportable Quantity (RQ) under U.S. CERCLA: Malathion (CAS: 121-75-5): 100 pounds
SARA, Title III, Section 313: Malathion (CAS: 121-75-5) 96.5%
RCRA Waste Code: Not listed
CA Proposition 65: Not listed

16. OTHER INFORMATION

MSDS STATUS: Format modified to address changes in ANSI Standard Z400.1-2004
PREPARED BY: Registrations and Regulatory Affairs **REVIEWED BY:** Environmental/ Regulatory Services

®Viton is a registered trademark of DUPONT DOW ELASTOMERS L.L.C.

**ACGIH® has recommended a Biological Exposure Index for this substance: Acetylcholinesterase Inhibiting Pesticides*

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MATERIAL SAFETY DATA SHEET

UNITED MINERAL & CHEMICAL CORPORATION
1100 VALLEY BROOK AVENUE
LYNDHURST, NJ 07071
TEL: 201-507-3300 FAX: 201-507-1506

FOR EMERGENCY CALL:
C H E M T R E C
1-800-424-9300

SECTION A - PRODUCT INFORMATION

TRADE NAME : ARSENIC METAL:
MBE CHARGES, ARSENIC CHUNK & GRANULE

REVISION DATE : NOVEMBER 16, 2007

CAS NUMBER : 7440-38-2
SYNONYMS : METALLIC ARSENIC; GREY ARSENIC; ARSENIA
CHEMICAL FAMILY : METALS - GROUP 5a
FORMULA : As

SECTION B - HAZARDOUS COMPONENTS

COMPONENT	CAS NO.	%	PEL/TLV
ARSENIC METAL (As)	7440-38-2	100	0.01mg/m^3 ACGIH TWA AS As 0.01mg/m^3 OSHA TWA, INORGANIC COMPOUNDS AS As (SEE 29 CFR 1910.1018) 0.5 mg/m^3 OSHA TWA, ORGANIC COMPOUNDS AS As 0.002 mg/m^3/15 min. CEILING-NIOSH, INORGANIC CMPD. 5 mg As/m^3 IDLH-CARCINOGEN, INORGANIC COMPOUNDS

TWA – Time Weighted Average over 8 hours
IDLH - Immediately dangerous to life & health

See the OSHA Inorganic Arsenic Standard at 29 CFR 1910.1018 before processing.

SECTION C - PHYSICAL PROPERTIES

BOILING POINT (°C) : SUBLIMES @ 615
MELTING POINT (°C) : 817 @ 3.6477 Mpa
VAPOR PRESSURE (mm Hg) : 1mm @ 372ºC
VAPOR DENSITY (AIR=1) : N/A
SOLUBILITY IN WATER : INSOLUBLE
ODOR THRESHOLD : N/A
APPEARANCE & ODOR : SILVER GRAY CRYSTALLINE CHUNKS, RODS, OR GRANULES; NO ODOR AS METAL AS COMPOUND, AsH_3 HAS GARLIC ODOR

SPECIFIC GRAVITY : 5.72
FREEZING POINT (°) : N/A
PERCENT VOLATILE (BY WT.) : N/A
EVAPORATION RATE : N/A
pH (0 % IN WATER) : NONE

SECTION D - FIRE & EXPLOSION DATA

FLASH POINT (°) : NONE

FLAMMABLE LIMITS : **LEL** : **(N/A)** **UEL : (N/A)** **AUTO IGNITION TEMP (° F)**: **(UNKNOWN)**
EXTINGUISHING MEDIA : **WATER** : **()** **FOAM** : **(X)** **CO_2**: **(X)** **DRY CHEMICAL**: **(X)**

SPECIAL FIRE FIGHTING PROCEDURES : ARSENIC IN MASS FORM IS NON-FLAMMABLE. IN THE EVENT OF A FIRE, RESTRICT PERSONS NOT WEARING PROTECTIVE EQUIPMENT FROM AREA. TRY TO SNUFF FIRE WITH SAND, DRY MEDIA, FOAM OR CO_2. IF NO OTHER OPTIONS AVAILABLE, USE WATER & ALWAYS WEAR SELF CONTAINED BREATHING APPARATUS OR NIOSH TOXIC VAPOR RESPIRATOR. POISONOUS GASES ARE PRODUCED IN FIRE, INCLUDING ARSENIC OXIDES.

UNUSUAL FIRE & EXPLOSION HAZARDS : ARSENIC, WHEN HEATED OR IN CONTACT WITH ACID OR ACID FUMES, CAN PRODUCE HIGHLY TOXIC FUMES (SUCH AS ARSINE). ARSENIC REACTS VIGOROUSLY WITH OXIDIZING MATERIALS. ARSENIC IS FLAMMABLE IN THE FORM OF DUST WHEN EXPOSED TO HEAT OR FLAME OR BY CHEMICAL REACTION WITH POWERFUL OXIDIZERS (SEE SECTION E). SLIGHT EXPLOSION HAZARD EXISTS IN THE FORM OF DUST WHEN EXPOSED TO FLAME. IN THE EVENT OF A FIRE OR SPILL, CONTACT THE STATE DEPT. OF THE ENVIRONMENT & YOUR REGIONAL OFFICE OF THE FEDERAL ENVIRONMENTAL PROTECTION AGENCY.

SECTION E - REACTIVITY DATA

STABILITY : STABLE
INCOMPATIBILITY : HYDROGEN GAS CAN REACT WITH INORGANIC ARSENIC TO FORM THE HIGHLY TOXIC GAS ARSINE. INCOMPATIBLE WITH BROMINE AZIDE, DIRUBIDIUM ACETYLIDE, HALOGENS, PALLADIUM ZINC, PLATINUM, NCl_3, $AgNO_3$, CrO_3, Na_2O_2, HEXAFLUOROISOPROPYLIDENEAMINO LITHIUM. CAN REACT WITH ACIDS OR ACID FUMES AND POWERFUL OXIDIZERS SUCH AS BROMATES, CHLORATES, IODATES, PEROXIDES, LITHIUM, $NaCl_3$, KNO_3, $KMnO_3$, Rb_2C_2, $AgNO_4$, NOCl, IF_5, CrO_3, ClF_3, ClO, BrF_3, BrF_5, BrN_3, RbC_3BCH, CsC_3BCH.
HAZARDOUS DECOMPOSITION PRODUCTS : ARSENIC FUMES, ARSINE, OTHER ARSENIC COMPOUNDS
HAZARDOUS POLYMERIZATION : WILL NOT OCCUR
CONDITIONS TO AVOID : AVOID OPEN CONTAINERS AND CONTACT WITH INCOMPATIBLE MATERIALS

N/A = NOT APPLICABLE

SECTION F - PERSONAL PROTECTIVE EQUIPMENT INFO

RESPIRATORY EQUIPMENT : FOR HANDLING ELEMENTAL ARSENIC IN CHUNK, ROD, OR GRANULES USE NIOSH APPROVED, AIR PURIFYING, TOXIC VAPOR RESPIRATOR FOR PARTICULATE & FUME/ AIR LEVEL. IF PROCESSING MATERIAL INTO INORGANIC ARSENIC COMPOUNDS, CHOOSE PROPER RESPIRATORY PROTECTION IN ACCORDANCE WITH THE OSHA INORGANIC ARSENIC STANDARD AT 29 CFR 1910.1018 (h). FOR UNKNOWN CONCENTRATIONS OF INORGANIC ARSENIC OR UNDER FIRE-FIGHTING CONDITIONS USE FULL FACEPIECE SELF-CONTAINED BREATHING APPARATUS OPERATED IN POSITIVE PRESSURE MODE.

PROTECTIVE GLOVES : NEOPRENE OR PLASTIC

EYE PROTECTION : FACE SHIELD OR VENTED GOGGLES FOR WHEN DUST/ FUME OR INORGANIC COMPOUNDS ARE GENERATED.

VENTILATION : LOCAL EXHAUST/MECHANICAL(GENERAL) SCRUBBER OR TRAP IF POSSIBLE TO MAINTAIN EXPOSURE TO LESS THAN PERMISSIBLE LIMITS FOR ELEMENTAL ARSENIC AND ANY COMPOUNDS BEING GENERATED (SEE SECTION B)

OTHER PROTECTIVE EQUIPMENT : LAB COAT, COVERALLS, COVERLETS FOR SHOES, AND ACCESS TO EYEWASH FOUNTAIN FOR DUST OR INORGANIC COMPOUND GENERATION

SECTION G - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE : 0.01mg/m^3 TWA ARSENIC, ELEMENTAL & INORGANIC COMPOUNDS(EXCEPT ARSINE), AS As

PRIMARY ROUTES OF EXPOSURE : INHALATION OF FUMES, DUST, REACTION GASES; INGESTION; SKIN CONTACT

ORAL LD_{50} : 763 mg/m^3 RAT; ORAL RAT TDLo 605 micrograms/kg – REPRODUCTIVE EFFECTS; ORAL-MAN TDLo 7857 mg/kg/55 year old – SKIN & GASTROINTESTINAL EFFECTS

DERMAL IRRITATION-RABBIT : UNKNOWN; SUBCUTANEOUS RABBIT LDLo: 300 mg/kg

EYE IRRITATION-RABBIT : UNKNOWN

OSHA PEL : 0.01mg/m^3 TWA INORGANIC COMPOUNDS AS As; 0.5 mg/m^3 TWA ORGANIC COMPOUNDS AS As.

ACGIH TLV : 0.01mg/m^3 TWA ELEMENTAL ARSENIC & INORGANIC COMPOUNDS (EXCEPT ARSINE), AS As

EFFECTS OF OVEREXPOSURE : ARSENIC METAL IS NOT AS READILY AVAILABLE IN THE BODY AS ARSENIC IN THE FORM OF DUST OR VAPOR OR WHEN PROCESSED INTO ARSENIC COMPOUNDS (ARSENICALS). INORGANIC ARSENICALS ARE MORE TOXIC THAN ORGANIC ARSENICALS.

ACUTE EFFECTS: ARSENIC IS A POISON BY SUBCUTANEOUS, INTRAMUSCULAR, AND INTRAPERITONEAL ROUTES. ACUTE ARSENIC POISONING FROM INGESTION RESULTS IN BURNING LIPS, THROAT CONSTRICTION, ABDOMINAL PAIN, MARKED IRRITATION OF THE STOMACH AND INTESTINES WITH NAUSEA, VOMITING, AND DIARRHEA. IN SEVERE CASES THE STOOLS AND VOMIT ARE BLOODY AND THE PATIENT MAY GO INTO COLLAPSE AND SHOCK WITH WEAK, RAPID PULSE, COLD SWEATS, COMA, AND DEATH. INHALATION MAY CAUSE ULCERATION OF NASAL SEPTUM, RESPIRATORY IRRITATION (COUGH, SORE THROAT), SHORTNESS OF BREATH AND WEAKNESS. SKIN OR EYE CONTACT MAY CAUSE DERMATITIS, SKIN AND EYE IRRITATION. AFTER ABSORPTION, ARSENIC MAY CAUSE MULTI-ORGAN FAILURE AS DELAYED EFFECTS. ARSENIC IS AN EXPERIMENTAL TERATOGEN (MAY CAUSE DAMAGE TO THE DEVELOPING FETUS) AND MAY CAUSE SPONTANEOUS ABORTION OR STILLBIRTH WITH EITHER ACUTE OR CHRONIC POISONING.

CHRONIC EFFECTS: ARSENIC IS A CONFIRMED HUMAN CARCINOGEN AND HAS BEEN ASSOCIATED WITH LUNG, BLADDER, SKIN, AND OTHER CANCERS IN HUMANS. CHRONIC ARSENIC POISONING MAY INCLUDE ANY OR ALL OF THE FOLLOWING: DIGESTIVE SYSTEM DISTURBANCES, LOSS OF APPETITE, CRAMPS, NAUSEA, CONSTIPATION, DIARRHEA; LIVER DAMAGE WHICH MAY RESULT IN JAUNDICE; DISTURBANCES OF THE BLOOD, KIDNEYS AND NERVOUS SYSTEM; SKIN ABNORMALITIES INCLUDING ITCHING, PIGMENTATION, AND POSSIBLE CANCEROUS CHANGES. ARSENIC HAS INDUCED DNA DAMAGE IN HUMAN CELLS.

TARGET ORGANS (NIOSH) : (FOR INORGANIC COMPOUNDS AS As): LIVER, KIDNEYS, SKIN, LUNGS, LYMPHATIC SYSTEM

KNOWN EFFECTS ON OTHER ILLNESSES : EXPECTED TO AGGRAVATE PRE-EXISTING GASTROINTESTINAL, NERVOUS SYSTEM, SKIN, LIVER & KIDNEY PROBLEMS.

LISTED CARCINOGEN : NONE **()** OSHA **(YES)** NTP **(YES)** IARC **(YES)** OTHER **(YES)**

SECTION H – EMERGENCY & FIRST AID DATA

SKIN : FLUSH WITH SOAP & WATER. AVOID RUBBING INTO THE SKIN. CONTACT PHYSICIAN IMMEDIATELY.

EYES : FLUSH WITH WATER FOR AT LEAST 15 MINUTES, LIFTING UPPER AND LOWER EYELIDS. CONTACT PHYSICIAN IMMEDIATELY.

INHALATION : REMOVE TO FRESH AIR. PROVIDE OXYGEN IF NECESSARY. CONTACT PHYSICIAN IMMEDIATELY.

INGESTION : IMMEDIATELY CALL POISON CONTROL OR A PHYSICIAN. DO NOT INDUCE VOMITING UNLESS DIRECTED TO DO SO BY POISON CONTROL OR EMERGENCY MEDICAL PERSONNEL. TAKE TO HOSPITAL IMMEDIATELY.

MEDICAL NOTE: AGGRESSIVE DECONTAMINATION WITH GASTRIC LAVAGE IS RECOMMENDED. IF AN X-RAY INDICATES THE PRESENCE OF ARSENIC IN THE LOWER GI TRACT, WHOLE BOWEL IRRIGATION SHOULD BE CONSIDERED. ACTIVATED CHARCOAL MAY NOT BIND SIGNIFICANT AMOUNTS BUT IS RECOMMENDED UNTIL DEFINITIVE QUANTITATIVE DATA IS AVAILABLE. FLUID REPLETION SHOULD BEGIN AS SOON AS POSSIBLE.

SECTION I - SPILL & DISPOSAL INFORMATION

STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK:

EVACUATE THE DANGER AREA. WEARING FULL PROTECTIVE EQUIPMENT (RESPIRATOR, GLOVES, GOGGLES, LAB COAT), GATHER UP CHUNKS, RODS, OR GRANULES WITH VACUUM OR UTENSILS RESERVED FOR POISONOUS SOLIDS AND PLACE IN SUITABLE CONTAINER AND SEAL. DO NOT RELEASE TO THE ENVIRONMENT. AVOID GENERATING DUST. VENTILATE THE AREA AFTER CLEANUP OF MATERIAL AND RESIDUE IS COMPLETE.

WASTE DISPOSAL INFORMATION:

SOLID WASTES SHOULD BE VITRIFIED, PLACED IN LABELED CONTAINER & BURIED IN AN EPA SUPERVISED FACILITY. ETCHING SOLUTIONS & CUTTING WASTES SHOULD BE PRECIPITATED, CEMENTED/VITRIFIED & PLACED IN METAL/PLASTIC LABELED CONTAINERS & BURIED IN EPA SUPERVISED FACILITY. PASS GAS THROUGH POTASSIUM PERMANGANATE, PRECIPITATE & TREAT AS ABOVE. WASTE MAY BE CONSIDERED HAZARDOUS DEPENDING ON LEVEL OF TOXICITY CHARACTERISTIC OF ARSENIC. SEE 40 CFR 261.24 FOR DETERMINATION.

RCRA HAZARDOUS WASTE : NO **()** YES **(**X)** **RCRA # : (****D004**)**

**** -** IF TESTED POSITIVE AS CHARACTERISTIC OF TOXICITY FOR ARSENIC

CERCLA : NO **()** YES **(X)** **RQ (**1 LB. RQ IS APPLICABLE ONLY IF THE DIAMETER OF THE PIECES OF THE SOLID METAL RELEASED IS LESS THAN 100 MICROMETERS OR 0.004 INCH. THIS PRODUCT FORM IS LARGER THAN 100 MICROMETERS AND HAS NO RQ IN ITS CURRENT FORM. IF AS HAZARDOUS WASTE CHARACTERISTIC OF ARSENIC, THEN RQ=1 LB.**)**

FOLLOW ALL LOCAL, STATE AND FEDERAL INFORMATION AND REGULATIONS

SECTION J - OTHER REGULATORY INFORMATION

TSCA: WE CERTIFY THAT ALL COMPONENTS OF THIS PRODUCT ARE REGISTERED UNDER THE REGULATIONS OF THE TOXIC SUBSTANCES CONTROL ACT.

SARA TITLE III, SECT. 313: **LISTED (X)** **UNLISTED ()**

DOT REGULATED: **YES: (**X**)** **NO: ()** **RQ: (**N/A - PIECES ARE LARGER THAN 100 MICROMETERS IN DIAMETER**)**

IF REGULATED, PROPER SHIPPING NAME: ARSENIC **HAZARD CLASS: (**6.1**)**

IDENTIFICATION NO.: (UN1558**)** **PACKING GROUP: (**II**)** **LABEL REQUIRED: (**POISON**)**

INLAND B/L: UN1558, ARSENIC, 6.1, PACKING GROUP II, POISON

EMERGENCY RESPONSE GUIDE NO.: (152**)**

SECTION K - SPECIAL PRECAUTIONS

FOR INDUSTRIAL USE ONLY

HANDLING & STORAGE INFORMATION:

PRIOR TO WORKING WITH ARSENIC, PERSONNEL SHOULD BE TRAINED IN PROPER HANDLING & STORAGE. STORE IN ORIGINAL PACKAGING IN COOL DRY AREA. WHEN HANDLING, WEAR FULL PROTECTIVE EQUIPMENT (SEE SECTION F). PLACE INTO INERT ATMOSPHERE IMMEDIATELY. IF PROCESSING INTO INORGANIC ARSENIC COMPOUNDS, FOLLOW THE OSHA STANDARD AT 29 CFR 1910.1018. DO NOT INGEST. DO NOT INHALE DUST OR ANY PROCESSING FUMES. AVOID SKIN AND EYE CONTACT.

NOTE: MAINTENANCE PERSONNEL OF PROCESSING AND EXTRACT EQUIPMENT MUST ALSO WEAR FULL PROTECTIVE EQUIPMENT (SEE SECTION F) AND OBSERVE THE REQUIREMENTS OF THE OSHA INORGANIC ARSENIC STANDARD (29 CFR 1910.1018) AS RESIDUES MAY CONTAIN ARSENIC PARTICLES AND VARYING COMPOUNDS OF ARSENIC.

OTHER PRECAUTIONS :

MINIMUM - HAVE QUARTERLY MEDICAL CHECKS INCLUDING URINE TESTS OF PERSONNEL WORKING WITH ARSENIC OR ARSENIC COMPOUNDS. DO NOT EAT, DRINK OR SMOKE IN THE WORK AREA.

IN ACCORDANCE WITH GOOD PRACTICES OF PERSONAL HYGIENE, HANDLE WITH DUE CARE AND AVOID ANY UNNECESSARY CONTACT WITH THIS PRODUCT.
THIS INFORMATION IS BEING SUPPLIED TO YOU UNDER OSHA "RIGHT TO KNOW" REGULATION 29 CFR 1910.1200 AND IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS PRODUCT SPECIFICATION. THE INFORMATION IS BELIEVED TO BE TRUE AND ACCURATE. NO WARRANTY, EXPRESSED OR IMPLIED, REGARDING THE ACCURACY OF THIS DATA, THE HAZARD CONNECTED WITH USE OF THE MATERIAL, OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF, IS MADE. UNITED MINERAL AND CHEMICAL CORPORATION AND ITS SUPPLIERS ASSUME NO RESPONSIBILITY FOR DAMAGE OR INJURY FROM THE USE OF THE PRODUCT DESCRIBED HEREIN.
UNITED MINERAL & CHEMICAL CORPORATION

APPENDIX C:
DAILY AND MONTHLY REPORTS TO OER

DAILY STATUS REPORT

Prepared By: Phil Hoffken

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	x
TEMP.	< 32		32-50		50-70	X	70-85		>85	

VCP Project No.:	14CVCP234Q	E-Number Project No.:	14EH-N350Q	Date:	05/05/2014
Project Name:	102-14/102-16 Liberty Avenue, Queens				

Consultant: Phil Hoffken JR Holzmacher P.E., LLC	Safety Officer: Phil Hoffken JR Holzmacher P.E., LLC
General Contractor: Albert Babaev Long Lasting	Site Manager/ Supervisor: Albert Babaev Long Lasting

Work Activities Performed (Since Last Report):
- Collected a waste classification sample for disposal purposes from Grid #2, in the area of the future cellar;
- Observed construction fencing being erected on the outer perimeter of the site.

Working In Grid #: 2

Samples Collected (Since Last Report):
- Waste Class

Air Monitoring (Since Last Report):
- 0.021 ug/m3 - 0.029 mg/m3. 0.0 ppm.

Problems Encountered:
- No problems encountered.

Planned Activities for the Next Day/ Week:
- Begin to remove asphalt layer in the next few days.

									Example:	
Facility # Name/ Location Type of Waste Solid Or Liquid	Facility # Name Location Type of Waste Solid *Or* Liquid		Facility # Name Location Type of Waste Solid *Or* Liquid		Facility # Name Location Type of Waste Solid *Or* Liquid		Facility # Name Location Type of Waste Solid *Or* Liquid		# # # # # # # Clean Earth Carteret, NJ petroleum soils Solid	
(Trucks, Cu.Yds. Or Gallons)	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds.
Today									5	120
Total									25	600

NYC Clean Soil Bank		Receiving Facility:				
Tracking No.:						
Today	Trucks	Cu. Yds.	Total	Trucks	Cu. Yds.	

Site Grid Map

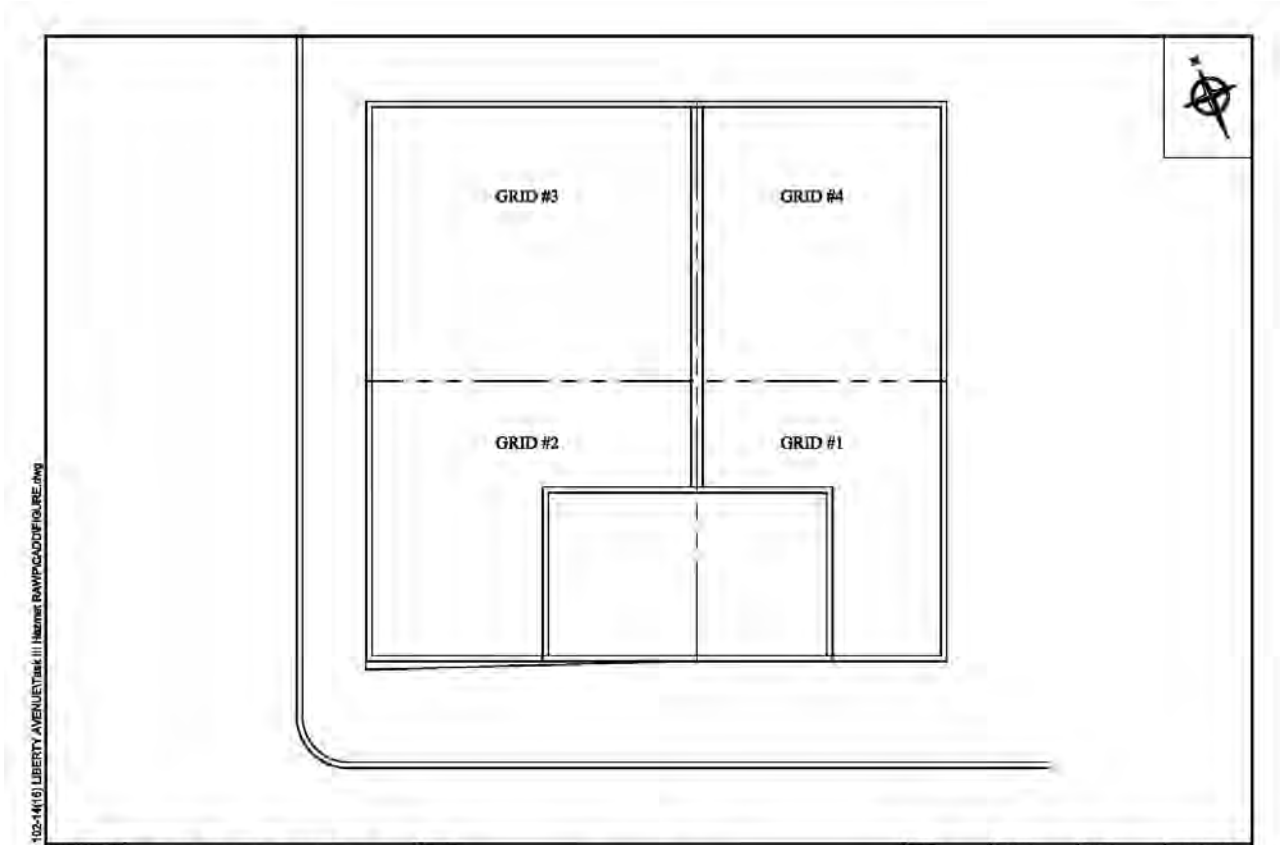

Photo Log

Photo 1 – View of the construction fence being erected on the outer perimeter.	
Photo 2 – Contractor excavating to collect a waste classification sample (Waste Class) from grid 2.	
Photo 3 – View of pit from which waste classification sample was collected.	

DAILY STATUS REPORT

Prepared By: Phil Hoffken

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	x
TEMP.	< 32		32-50		50-70	X	70-85		>85	

VCP Project No.:	14CVCP234Q	E-Number Project No.:	14EH-N350Q	Date:	05/16/2014
Project Name:	102-14/102-16 Liberty Avenue, Queens				

Consultant: Phil Hoffken JR Holzmacher P.E., LLC	Safety Officer: Phil Hoffken JR Holzmacher P.E., LLC
General Contractor: Albert Babaev Long Lasting	Site Manager/ Supervisor: Albert Babaev Long Lasting

Work Activities Performed (Since Last Report):
- Breaking of the asphalt in all four grids.

Working In Grid #: 1, 2, 3, and 4.

Samples Collected (Since Last Report):
- None

Air Monitoring (Since Last Report):
- 0.014 ug/m3 - 0.025 mg/m3. 0.0 ppm.

Problems Encountered:
- No problems encountered.

Planned Activities for the Next Day/ Week:
- Unknown. JRH will contact contractor to dicuss.

									Example:	
Facility # Name/ Location Type of Waste Solid Or Liquid	Facility # Name Location Type of Waste Solid *Or* Liquid		Facility # Name Location Type of Waste Solid *Or* Liquid		Facility # Name Location Type of Waste Solid *Or* Liquid		Facility # Name Location Type of Waste Solid *Or* Liquid		# # # # # # # Clean Earth Carteret, NJ petroleum soils Solid	
(Trucks, Cu.Yds. Or Gallons)	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds.
Today									5	120
Total									25	600

NYC Clean Soil Bank		Receiving Facility:				
Tracking No.:						
Today	Trucks	Cu. Yds.	Total	Trucks	Cu. Yds.	

Site Grid Map

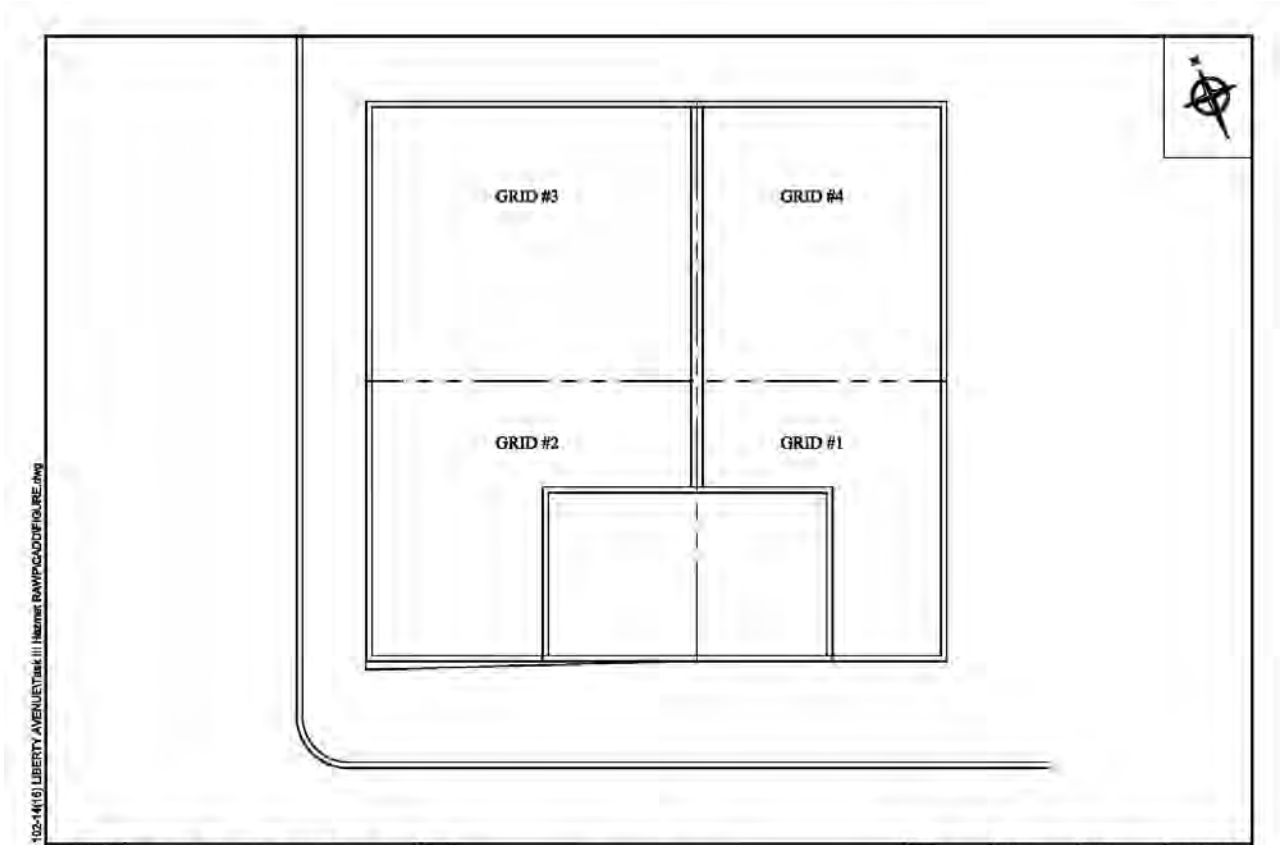

Photo Log

Photo 1 – Breaking up the asphalt in grid 3, and stockpiling it in grid 3.	
Photo 2 – Same	
Photo 3 – Breaking asphalt in grid 1.	

DAILY STATUS REPORT

Prepared By: Phil Hoffken

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	x
TEMP.	< 32		32-50		50-70	X	70-85		>85	

VCP Project No.:	14CVCP234Q	E-Number Project No.:	14EH-N350Q	Date:	05/20/2014
Project Name:	102-14/102-16 Liberty Avenue, Queens				

Consultant: Phil Hoffken JR Holzmacher P.E., LLC	Safety Officer: Phil Hoffken JR Holzmacher P.E., LLC
General Contractor: Albert Babaev Long Lasting	Site Manager/ Supervisor: Albert Babaev Long Lasting

Work Activities Performed (Since Last Report):
- Scraped stone layer from soil and added to stockpile with asphalt.

Working In Grid #: 1, 2, 3, and 4.

Samples Collected (Since Last Report):
- None

Air Monitoring (Since Last Report):
- 0.033 ug/m3 - 0.122 mg/m3. 0.0 ppm.

Problems Encountered:
- No problems encountered.

Planned Activities for the Next Day/ Week:
- Begin excavation in a few days.

									Example:	
Facility # Name/ Location Type of Waste Solid Or Liquid	Facility # Name Location Type of Waste Solid *Or* Liquid		Facility # Name Location Type of Waste Solid *Or* Liquid		Facility # Name Location Type of Waste Solid *Or* Liquid		Facility # Name Location Type of Waste Solid *Or* Liquid		# # # # # # # Clean Earth Carteret, NJ petroleum soils Solid	
(Trucks, Cu.Yds. Or Gallons)	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds.
Today									5	120
Total									25	600

NYC Clean Soil Bank		Receiving Facility:				
Tracking No.:						
Today	Trucks	Cu. Yds.	Total	Trucks	Cu. Yds.	

Site Grid Map

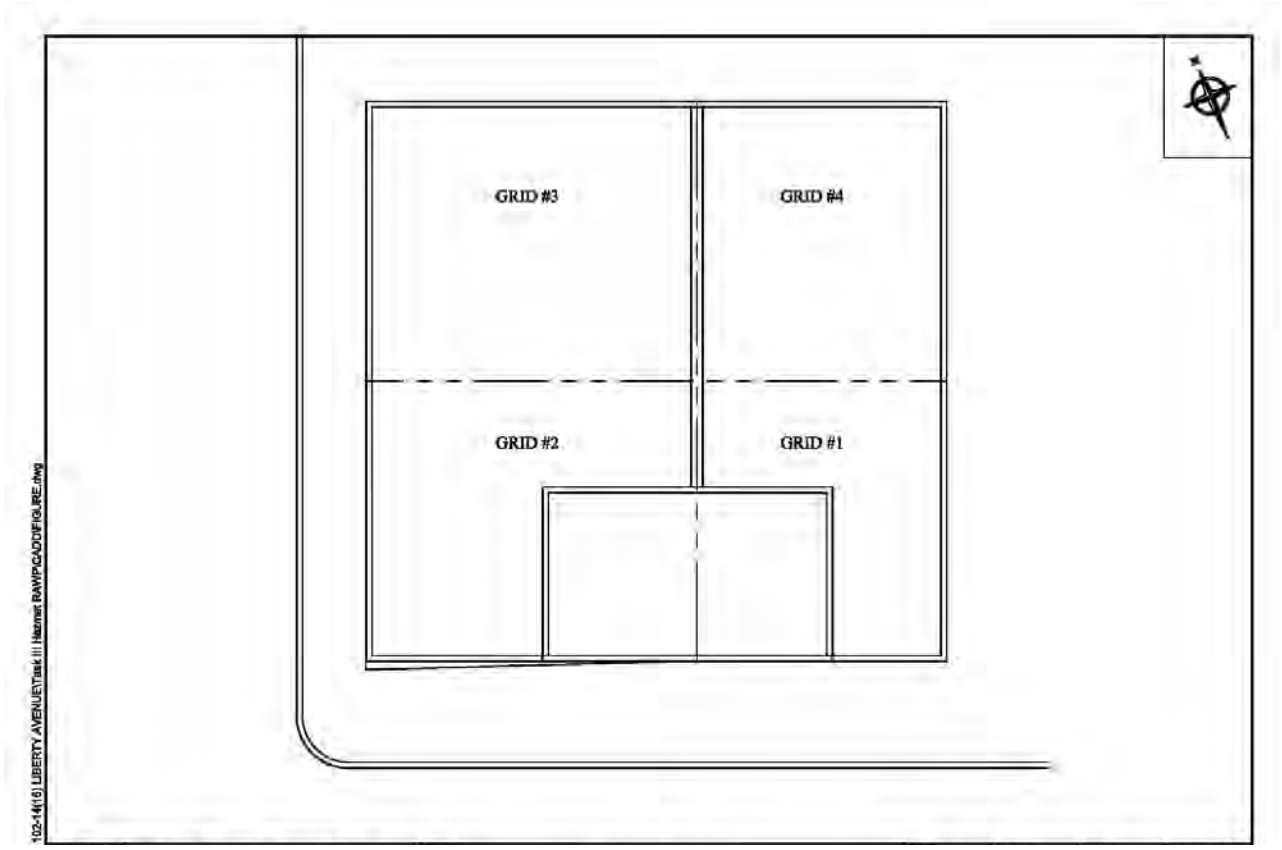

Photo Log

Photo 1 – Scraping the stone in grid 1.	
Photo 2 – Scraping the stone in grids 3 and 4.	
Photo 3 – Scraping the stone in grid 1.	

DAILY STATUS REPORT

Prepared By: Phil Hoffken

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	x
TEMP.	< 32		32-50		50-70		70-85	x	>85	

VCP Project No.:	14CVCP234Q	E-Number Project No.:	14EH-N350Q	Date:	05/27/2014
Project Name:	102-14/102-16 Liberty Avenue, Queens				

Consultant: Phil Hoffken JR Holzmacher P.E., LLC	Safety Officer: Phil Hoffken JR Holzmacher P.E., LLC
General Contractor: Albert Babaev Long Lasting	Site Manager/ Supervisor: Albert Babaev Long Lasting

Work Activities Performed (Since Last Report):
- Load out 16 trucks from grid 1 with material from grids 2 and 3.
- Created a temporary stockpile in grid 1 during intermission in trucking to make “round 2” of load outs go faster.

Working In Grid #: 1, 2, and 3.

Samples Collected (Since Last Report):
- None

Air Monitoring (Since Last Report):
- 0.056 ug/m3 - 0.149 mg/m3. 0.0 ppm.

Problems Encountered:
- No problems encountered.

Planned Activities for the Next Day/ Week:
- Unknown. Will contact contractor.

									Example:	
Facility # Name/ Location Type of Waste Solid Or Liquid	P Park NJ LLC Prospect Park, NJ 07508 Residential Clean Fill Solid								# # # # # # # Clean Earth Carteret, NJ petroleum soils Solid	
(Trucks, Cu.Yds. Or Gallons)	Trucks	Cu. Yds.	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds.
Today	16	400							5	120
Total	16	400							25	600

NYC Clean Soil Bank		Receiving Facility:			
Tracking No.:					
Today	Trucks	Cu. Yds.	Total	Trucks	Cu. Yds.

Site Grid Map

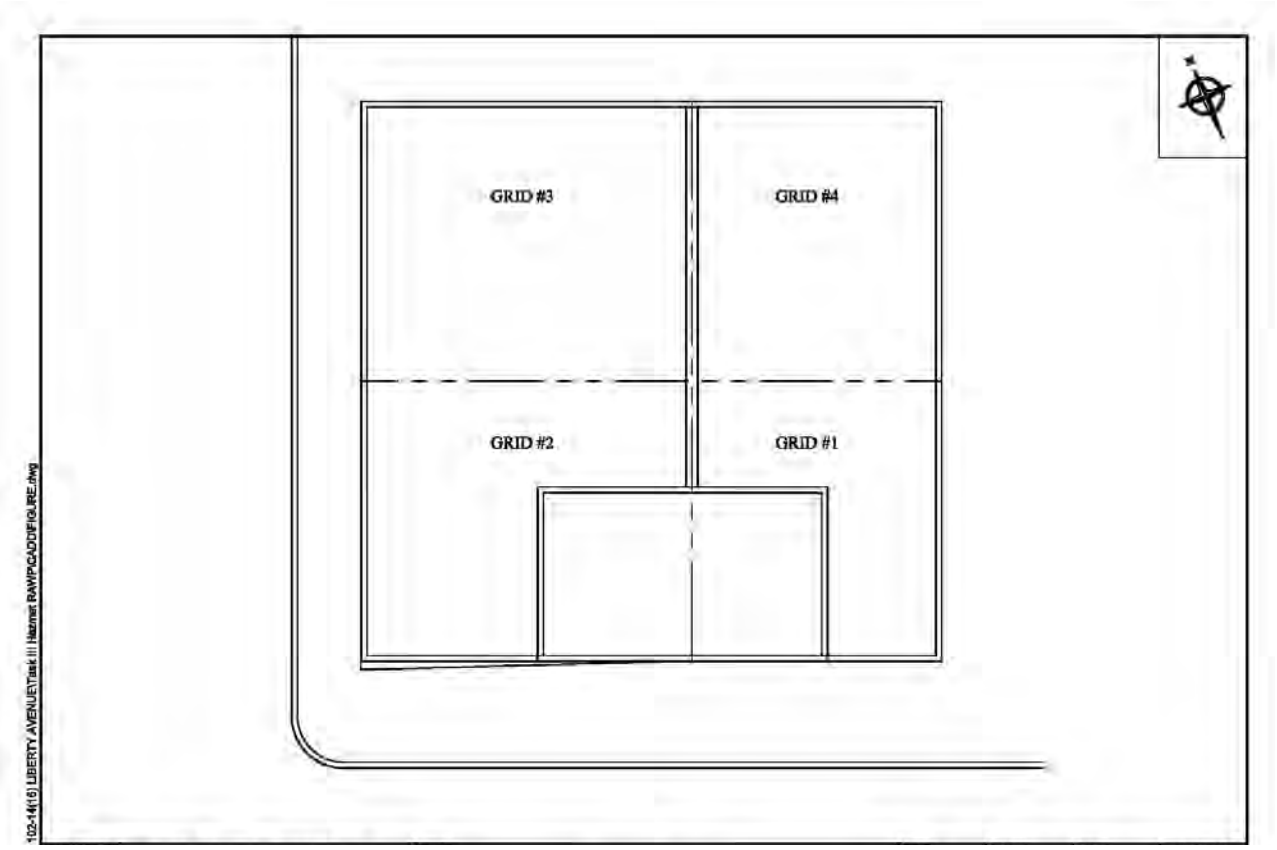

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Photo Log

Photo 1 – Contractor loading a truck in grid 1.	
Photo 2 – Contractor excavating material from grid 2.	
Photo 3 – Contractor excavating remainder of stockpile that was created to facilitate loading.	

DAILY STATUS REPORT

Prepared By: Phil Hoffken

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	x
TEMP.	< 32		32-50		50-70		70-85	x	>85	

VCP Project No.:	14CVCP234Q	E-Number Project No.:	14EH-N350Q	Date:	05/30/2014
Project Name:	102-14/102-16 Liberty Avenue, Queens				

Consultant: Phil Hoffken JR Holzmacher P.E., LLC	Safety Officer: Phil Hoffken JR Holzmacher P.E., LLC
General Contractor: Albert Babaev Long Lasting	Site Manager/ Supervisor: Albert Babaev Long Lasting

Work Activities Performed (Since Last Report):
- Load out 10 trucks from grid 1 with material from grids 2 and 3.

Working In Grid #: 1, 2, and 3.

Samples Collected (Since Last Report):
- None

Air Monitoring (Since Last Report):
- 0.079 ug/m3 - 0.201 mg/m3. 0.0 ppm.

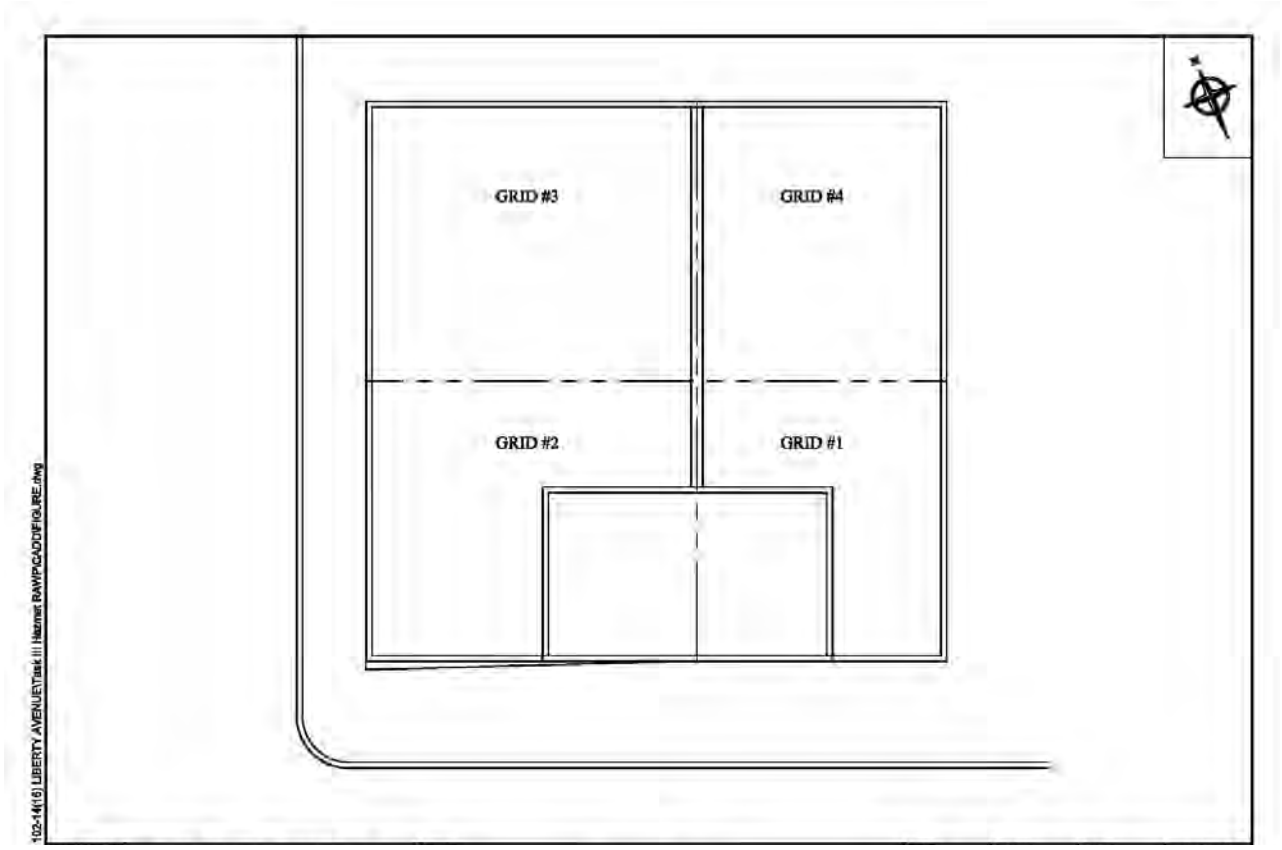
Problems Encountered:
- No problems encountered.

Planned Activities for the Next Day/ Week:
- Start foundation for cellar.

									Example:	
Facility # Name/ Location Type of Waste Solid Or Liquid	P Park NJ LLC Prospect Park, NJ 07508 Residential Clean Fill Solid								# # # # # # # Clean Earth Carteret, NJ petroleum soils Solid	
(Trucks, Cu.Yds. Or Gallons)	Trucks	Cu. Yds.	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds.
Today	10	250							5	120
Total	26	650							25	600

NYC Clean Soil Bank		Receiving Facility:			
Tracking No.:					
Today	Trucks	Cu. Yds.	Total	Trucks	Cu. Yds.

Site Grid Map



 File Name: 2014-05-30.14CVCP234Q.Daily_Report.doc

Photo Log

Photo 1 – Contractor loading a truck in grid 1.	
Photo 2 – Contractor excavating material from grid 2.	
Photo 3 – Contractor excavating material from future cellar.	

DAILY STATUS REPORT

Prepared By: Phil Hoffken

WEATHER	Snow		Rain		Overcast	x	Partly Cloudy		Bright Sun	
TEMP.	< 32		32-50		50-70		70-85	x	>85	

VCP Project No.:	14CVCP234Q	E-Number Project No.:	14EH-N350Q	Date:	06/09/2014
Project Name:	102-14/102-16 Liberty Avenue, Queens				

Consultant: Phil Hoffken JR Holzmacher P.E., LLC	Safety Officer: Phil Hoffken JR Holzmacher P.E., LLC
General Contractor: Albert Babaev Long Lasting	Site Manager/ Supervisor: Albert Babaev Long Lasting

Work Activities Performed (Since Last Report):
- Apply water proofing and vapor barrier to newly cured concrete walls for cellar walls in grids 2 and 3;
- Inspected vapor barrier once installed;
- Add rebar to newly created foundation footings in grids 1 and 2;
- Remove concrete forms from grids 3 and 4.

Working In Grid #: 1, 2, 3 and 4

Samples Collected (Since Last Report):
- None

Air Monitoring (Since Last Report):
- 0.038 ug/m3 - 0.106 mg/m3. 0.0 ppm.

Problems Encountered:
- No problems encountered.

Planned Activities for the Next Day/ Week:
- Continue with foundation forms and rebar;
- Move soil around the site to accommodate footing locations.

									Example:	
Facility # Name/ Location Type of Waste Solid Or Liquid	P Park NJ LLC Prospect Park, NJ 07508 Residential Clean Fill Solid								# # # # # # # Clean Earth Carteret, NJ petroleum soils Solid	
(Trucks, Cu.Yds. Or Gallons)	Trucks	Cu. Yds.	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds.
Today	0	0							5	120
Total	26	650							25	600

NYC Clean Soil Bank		Receiving Facility:			
Tracking No.:					
Today	Trucks	Cu. Yds.	Total	Trucks	Cu. Yds.

Site Grid Map

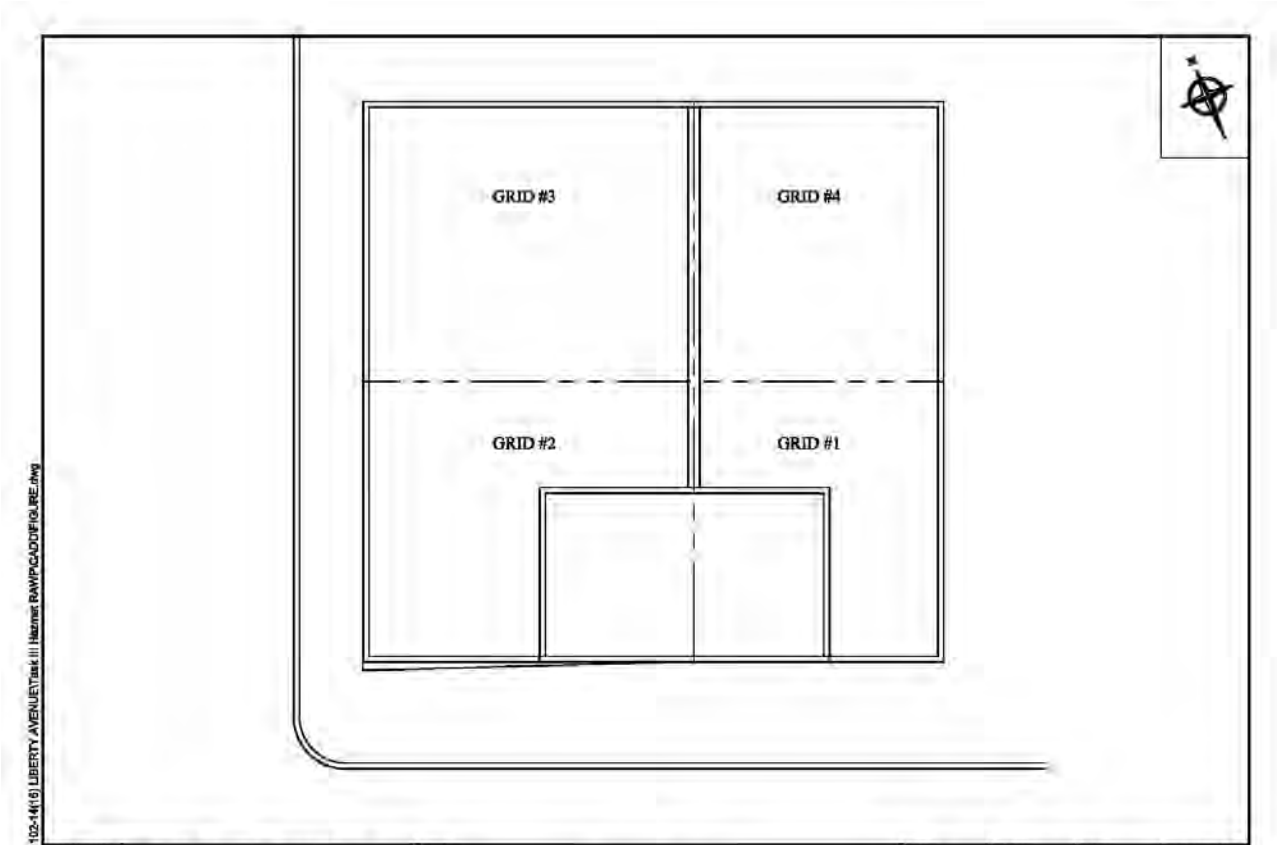
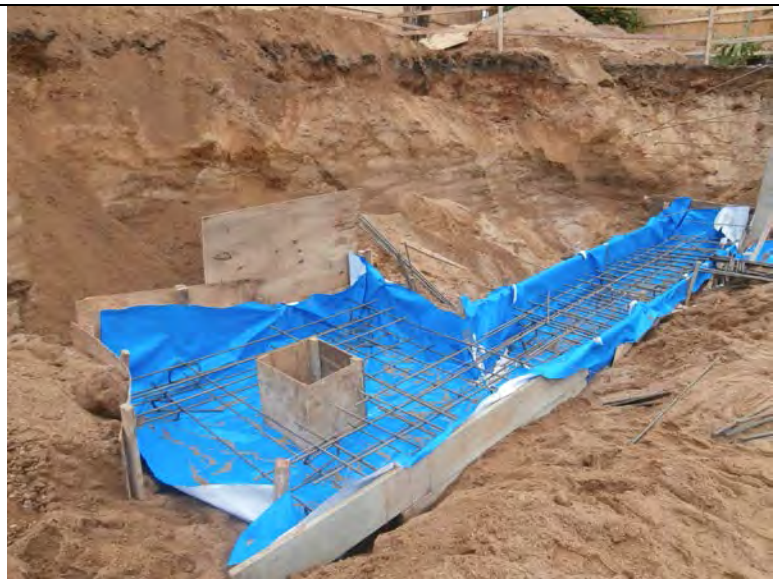


Photo Log

Photo 1 – Contractor applying water proofing to new foundation wall in grid 2.	
Photo 2 – Contractor installing vapor barrier over water proofing in grid 2, and removing concrete forms in grid 4.	
Photo 3 – Contractor adding rebar to the new footing in grids 1 and 2.	

DAILY STATUS REPORT

Prepared By: Phil Hoffken

WEATHER	Snow		Rain		Overcast	x	Partly Cloudy		Bright Sun	
TEMP.	< 32		32-50		50-70		70-85	x	>85	

VCP Project No.:	14CVCP234Q	E-Number Project No.:	14EH-N350Q	Date:	06/11/2014
Project Name:	102-14/102-16 Liberty Avenue, Queens				

Consultant: Phil Hoffken JR Holzmacher P.E., LLC	Safety Officer: Phil Hoffken JR Holzmacher P.E., LLC
General Contractor: Albert Babaev Long Lasting	Site Manager/ Supervisor: Albert Babaev Long Lasting

Work Activities Performed (Since Last Report):
- Back filled cellar walls in grids 3 and 4;
- Excavated soil from grids 1 and 4 in order to accommodate new footings in grids and 4;
- Created new forms, installed vapor barrier and rebar in grids 1 and 4.

Working In Grid #: 1, 3 and 4.

Samples Collected (Since Last Report):
- None

Air Monitoring (Since Last Report):
- 0.029 ug/m3 - 0.135 mg/m3. 0.0 ppm.

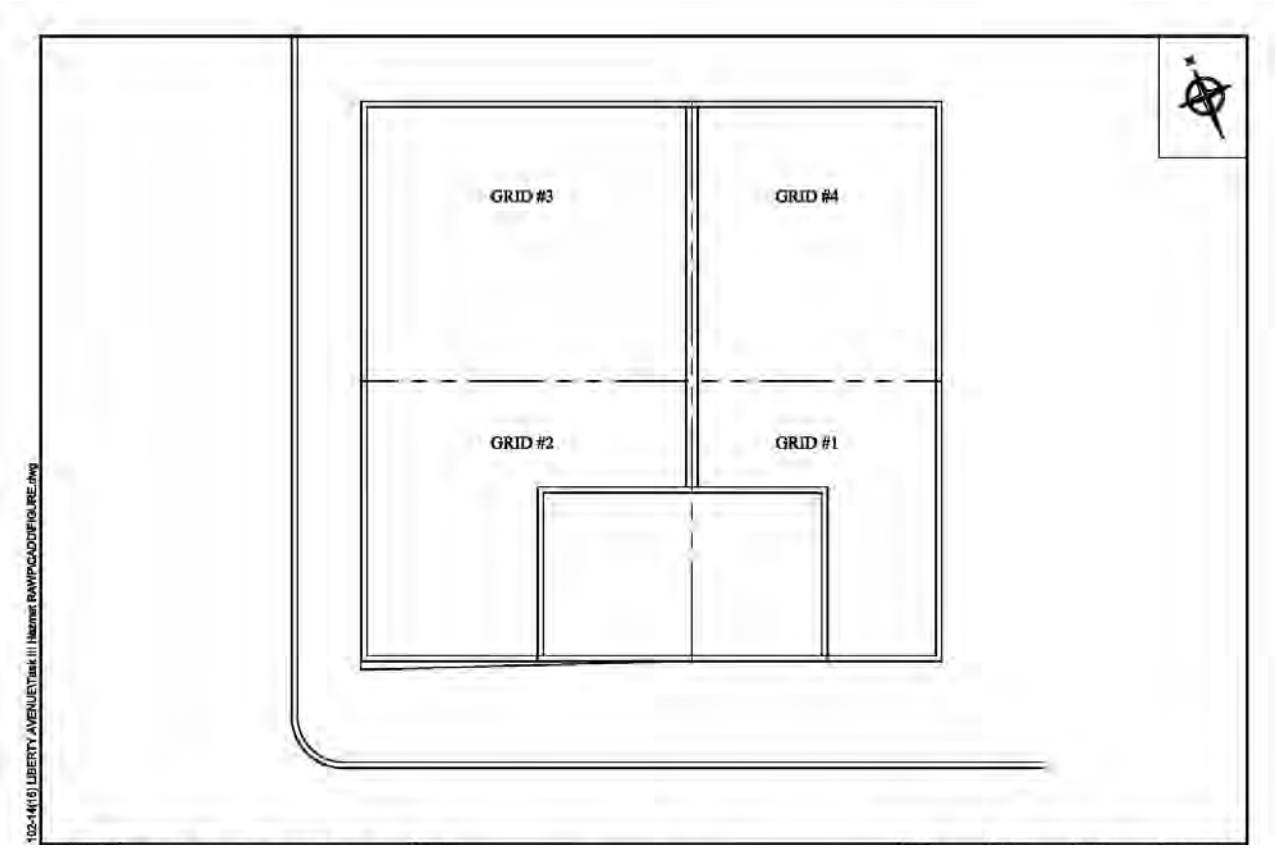
Problems Encountered:
- No problems encountered.

Planned Activities for the Next Day/ Week:
- Pour concrete in new footings

									Example:	
Facility # Name/ Location Type of Waste Solid Or Liquid	P Park NJ LLC Prospect Park, NJ 07508 Residential Clean Fill Solid								# # # # # # # Clean Earth Carteret, NJ petroleum soils Solid	
(Trucks, Cu.Yds. Or Gallons)	Trucks	Cu. Yds.	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds.
Today	0	0							5	120
Total	26	650							25	600

NYC Clean Soil Bank		Receiving Facility:			
Tracking No.:					
Today	Trucks	Cu. Yds.	Total	Trucks	Cu. Yds.

Site Grid Map



 File Name: 2014-06-11.14CVCP234Q.Daily_Report.doc

Photo Log

Photo 1 – Contractor backfilling cellar wall with soil.	
Photo 2 – Contractor excavating soil from grid 1 in order to create forms for foundation footings.	
Photo 3 – Contractor installing rebar over vapor barrier in new footing in grids 1 and 4.	

DAILY STATUS REPORT

Prepared By: Phil Hoffken

WEATHER	Snow		Rain		Overcast		Partly Cloudy	x	Bright Sun	
TEMP.	< 32		32-50		50-70	**x**	70-85		>85	

VCP Project No.:	14CVCP234Q	E-Number Project No.:	14EH-N350Q	Date:	10/31/2014
Project Name:	102-14/102-16 Liberty Avenue, Queens				

Consultant: Phil Hoffken JR Holzmacher P.E., LLC	Safety Officer: Phil Hoffken JR Holzmacher P.E., LLC
General Contractor: Albert Babaev Long Lasting	Site Manager/ Supervisor: Albert Babaev Long Lasting

Work Activities Performed (Since Last Report):
- There was a change in the construction design of the basement. The ew basement will be approximately 100' x 71' x 15' deep.
- Foundation walls constructed for the initial basement have been demolished and the concrete removed.
- Installed solider piles and a lagging wall for Support of Excavation.
- Moved soil away from perimeter of site to install a lagging wall. Soils that were disturbed remained in same grid.

- Created a stockpile in grid # 4 from grids 2 and 3 on 10/30/2014 in preparation of excavation.
- Trucked eighteen (18) loads of material from stockpile in grid #4.

Working In Grid #: 1, 2, 3, and 4.

Samples Collected (Since Last Report):
- None

Air Monitoring (Since Last Report):
- 0.016 ug/m3 - 0.143 mg/m3. 0.0 ppm.

Problems Encountered:
- No problems encountered.

Planned Activities for the Next Day/ Week:
- Continue trucking soil

									Example:	
Facility # Name/ Location Type of Waste Solid Or Liquid	P Park NJ LLC Prospect Park, NJ 07508 Residential Clean Fill Solid		Hudson River Views Industrial Park 45 Holt Dr. Stony Point, NY						# # # # # # # Clean Earth Carteret, NJ petroleum soils Solid	
(Trucks, Cu.Yds. Or Gallons)	Trucks	Cu. Yds.	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds.
Today	0	0	18	576					5	120
Total	26	650	18	576					25	600

NYC Clean Soil Bank		Receiving Facility:			
Tracking No.:					
Today	Trucks	Cu. Yds.	Total	Trucks	Cu. Yds.

Site Grid Map

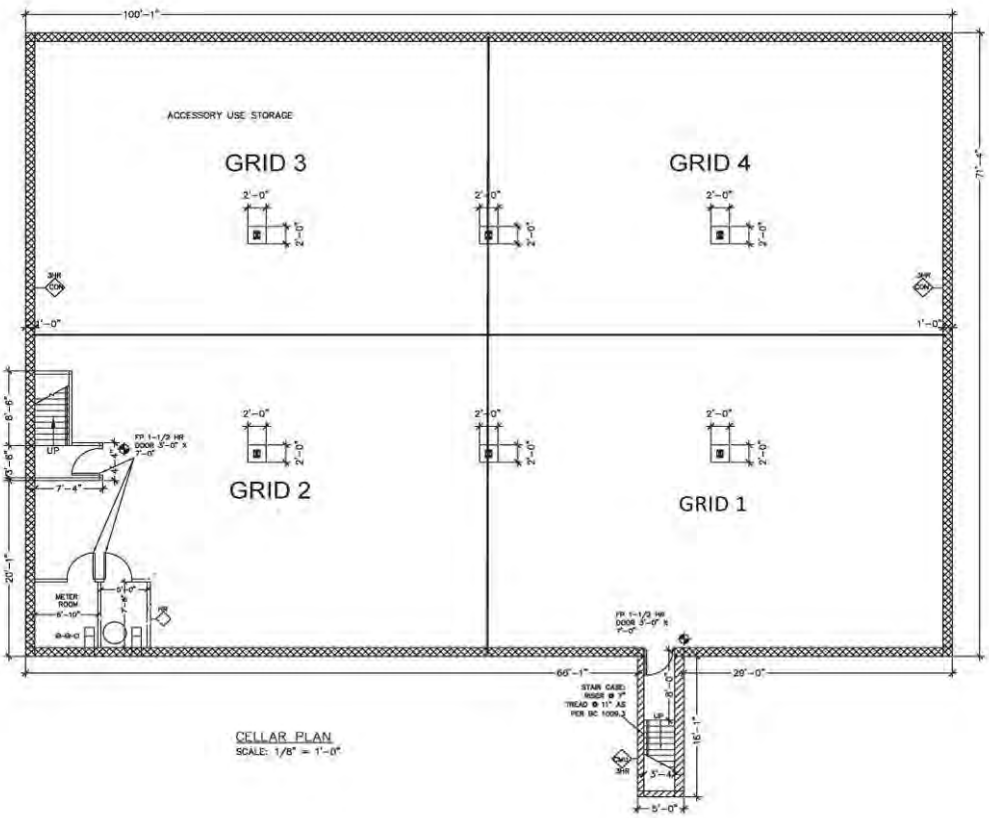


Photo Log

Photo 1 – View of grids 2 and 3 with lagging wall constructed, and side view of stockpile.	
Photo 2 – View of grids 3 and 4.	
Photo 3 – View of contractor loading dump trailer.	

DAILY STATUS REPORT

Prepared By: Phil Hoffken

WEATHER	Snow		Rain		Overcast		Partly Cloudy	x	Bright Sun	
TEMP.	< 32		32-50		50-70	**x**	70-85		>85	

VCP Project No.:	14CVCP234Q	E-Number Project No.:	14EH-N350Q	Date:	11/03/2014
Project Name:	102-14/102-16 Liberty Avenue, Queens				

Consultant: Phil Hoffken JR Holzmacher P.E., LLC	Safety Officer: Phil Hoffken JR Holzmacher P.E., LLC
General Contractor: Albert Babaev Long Lasting	Site Manager/ Supervisor: Albert Babaev Long Lasting

Work Activities Performed (Since Last Report):
-Trucked twenty-one (21) loads of material from stockpile in grid #4.

Working In Grid #: 1, 3, and 4.

Samples Collected (Since Last Report):
- None

Air Monitoring (Since Last Report):
- 0.023 ug/m3 - 0.129 mg/m3. 0.0 ppm.

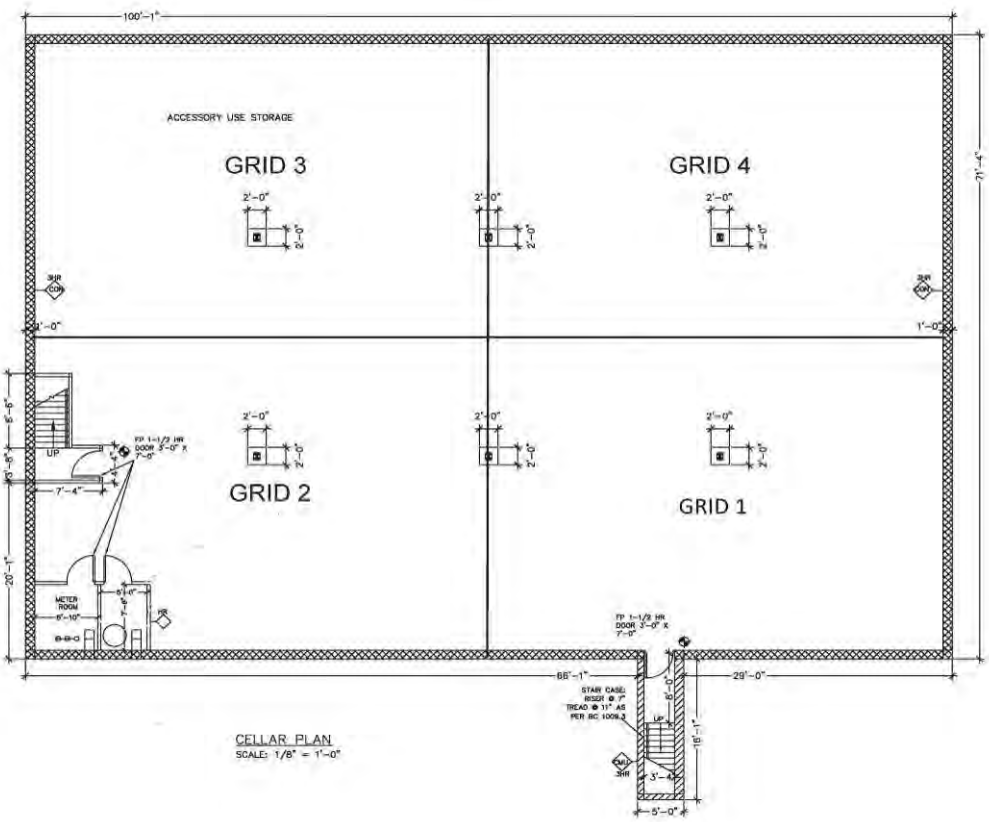
Problems Encountered:
- No problems encountered.

Planned Activities for the Next Day/ Week:
- Continue trucking soil

									Example:	
Facility # Name/ Location Type of Waste Solid Or Liquid	P Park NJ LLC Prospect Park, NJ 07508 Residential Clean Fill Solid		Hudson River Views Industrial Park 45 Holt Dr. Stony Point, NY						# # # # # # # Clean Earth Carteret, NJ petroleum soils Solid	
(Trucks, Cu.Yds. Or Gallons)	Trucks	Cu. Yds.	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds.
Today	0	0	21	672					5	120
Total	26	650	39	1,248					25	600

NYC Clean Soil Bank		Receiving Facility:			
Tracking No.:					
Today	Trucks	Cu. Yds.	Total	Trucks	Cu. Yds.

Site Grid Map



 File Name: 2014-11-03.14CVCP234Q.Daily_Report.doc

Photo Log

Photo 1 – View inside dump trailer with view of stockpile beyond.	
Photo 2 – View of grid 3.	
Photo 3 – View of grids 2 and 3.	

DAILY STATUS REPORT

Prepared By: Phil Hoffken

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	x
TEMP.	< 32		32-50		50-70	x	70-85		>85	

VCP Project No.:	14CVCP234Q	E-Number Project No.:	14EH-N350Q	Date:	11/04/2014
Project Name:	102-14/102-16 Liberty Avenue, Queens				

Consultant: Phil Hoffken JR Holzmacher P.E., LLC	Safety Officer: Phil Hoffken JR Holzmacher P.E., LLC
General Contractor: Albert Babaev Long Lasting	Site Manager/ Supervisor: Albert Babaev Long Lasting

Work Activities Performed (Since Last Report):
- Created stockpile, in grid 4 from material in grids 2, 3 and 4.
- Trucked twenty-seven (27) loads of material from stockpile in grid #4.

Working In Grid #: 1, 2, 3, and 4.

Samples Collected (Since Last Report):
- None

Air Monitoring (Since Last Report):
- 0.056 ug/m3 - 0.182 mg/m3. 0.0 ppm.

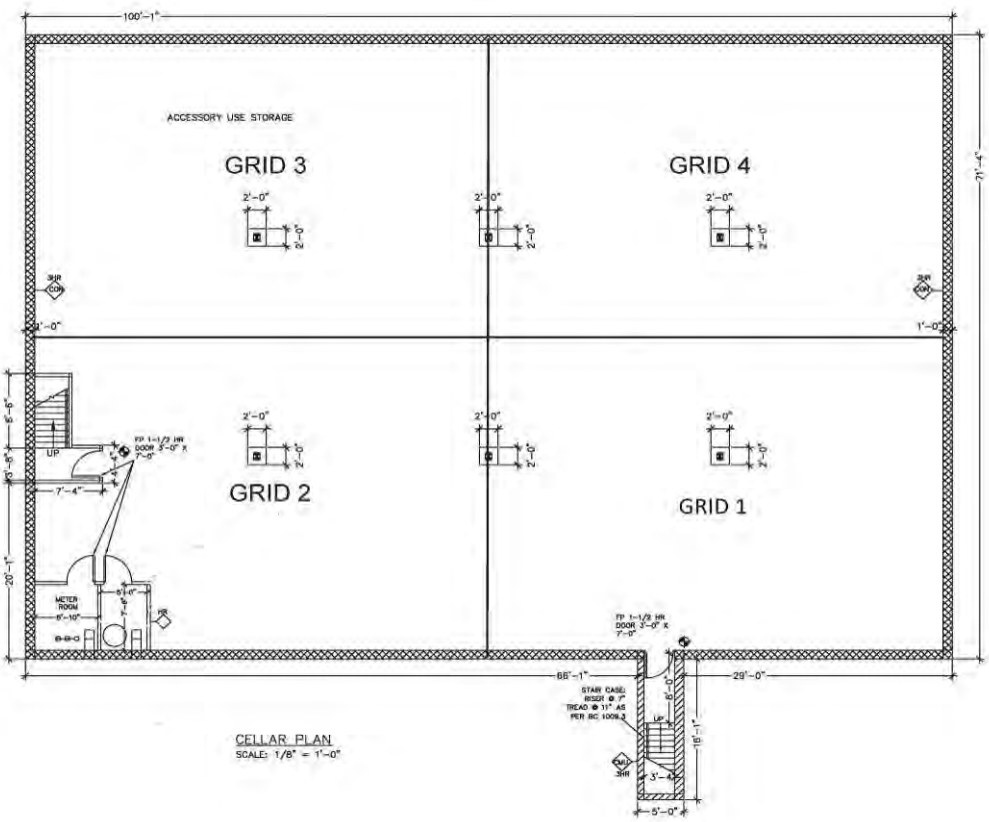
Problems Encountered:
- No problems encountered.

Planned Activities for the Next Day/ Week:
- Continue trucking soil

									Example:	
Facility # Name/ Location Type of Waste Solid Or Liquid	P Park NJ LLC Prospect Park, NJ 07508 Residential Clean Fill Solid		Hudson River Views Industrial Park 45 Holt Dr. Stony Point, NY						# # # # # # # Clean Earth Carteret, NJ petroleum soils Solid	
(Trucks, Cu.Yds. Or Gallons)	Trucks	Cu. Yds.	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds.
Today	0	0	27	864					5	120
Total	26	650	66	2,112					25	600

NYC Clean Soil Bank		Receiving Facility:			
Tracking No.:					
Today	Trucks	Cu. Yds.	Total	Trucks	Cu. Yds.

Site Grid Map



 File Name: 2014-11-04.14CVCP234Q.Daily_Report.doc

Photo Log

Photo 1 – View of excavation area in grids 3 and 4. Excavator on right side of photo is sitting at grade.	
Photo 2 – View of grids 2 and 3.	
Photo 3 – View of grid 2 being excavated deeper and added to stockpile in grid 4.	

DAILY STATUS REPORT

Prepared By: Phil Hoffken

WEATHER	Snow		Rain		Overcast	x	Partly Cloudy		Bright Sun	
TEMP.	< 32		32-50		50-70	x	70-85		>85	

VCP Project No.:	14CVCP234Q	E-Number Project No.:	14EH-N350Q	Date:	11/05/2014
Project Name:	102-14/102-16 Liberty Avenue, Queens				

Consultant: Phil Hoffken JR Holzmacher P.E., LLC	Safety Officer: Phil Hoffken JR Holzmacher P.E., LLC
General Contractor: Albert Babaev Long Lasting	Site Manager/ Supervisor: Albert Babaev Long Lasting

Work Activities Performed (Since Last Report):
- Created new stockpile for excavation from grids 2, 3, and 4.
- Excavated nineteen (19) loads of material from the site.

Working In Grid #: 1, 2, 3, and 4.

Samples Collected (Since Last Report):
- None

Air Monitoring (Since Last Report):
- 0.022 ug/m3 - 0.119 mg/m3. 0.0 ppm.

Problems Encountered:
- No problems encountered.

Planned Activities for the Next Day/ Week:
- Continue trucking soil

									Example:	
Facility # Name/ Location Type of Waste Solid Or Liquid	P Park NJ LLC Prospect Park, NJ 07508 Residential Clean Fill Solid		Hudson River Views Industrial Park 45 Holt Dr. Stony Point, NY						# # # # # # # Clean Earth Carteret, NJ petroleum soils Solid	
(Trucks, Cu.Yds. Or Gallons)	Trucks	Cu. Yds.	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds.
Today	0	0	19	608					5	120
Total	26	650	85	2,720					25	600

NYC Clean Soil Bank		Receiving Facility:			
Tracking No.:					
Today	Trucks	Cu. Yds.	Total	Trucks	Cu. Yds.

Site Grid Map

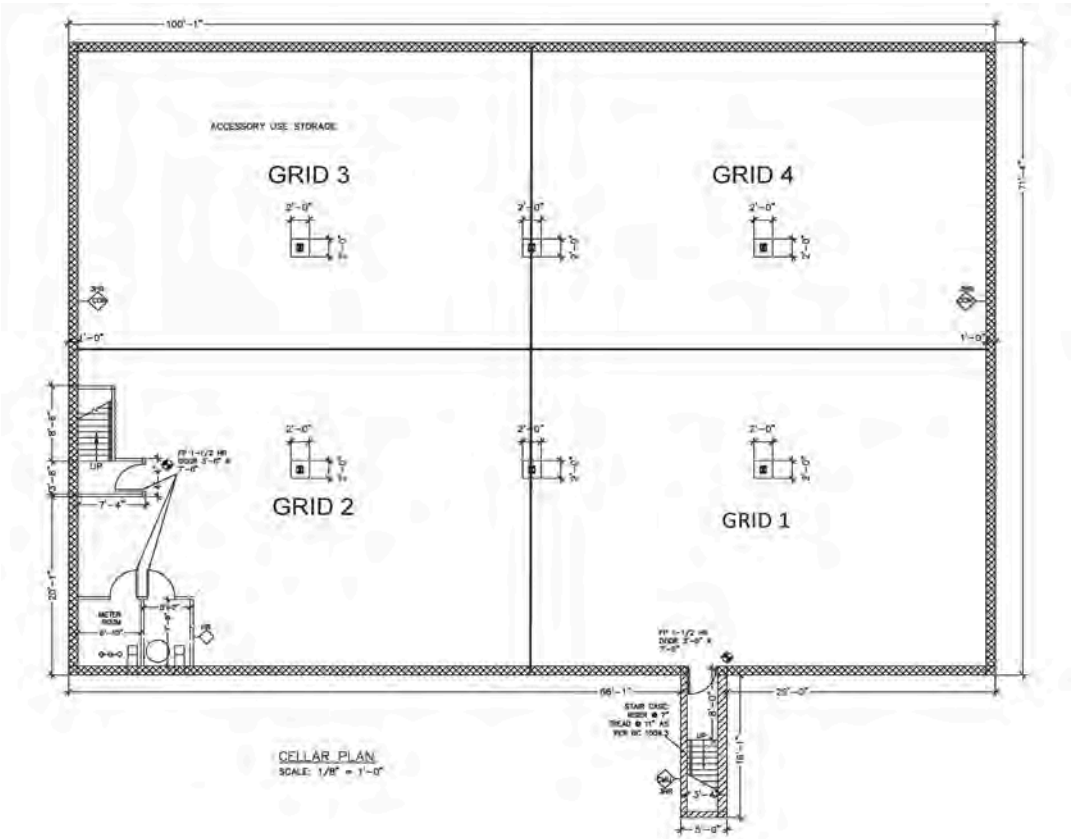


Photo Log

Photo 1 – View of gird 3.	
Photo 2 – View of grid 2.	
Photo 3 – View of contractor moving material from grids 2 and 3 into a new stockpile in grid 4.	

DAILY STATUS REPORT

Prepared By: Phil Hoffken

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	x
TEMP.	< 32		32-50		50-70	x	70-85		>85	

VCP Project No.:	14CVCP234Q	E-Number Project No.:	14EH-N350Q	Date:	11/11/2014
Project Name:	102-14/102-16 Liberty Avenue, Queens				

Consultant: Phil Hoffken JR Holzmacher P.E., LLC	Safety Officer: Phil Hoffken JR Holzmacher P.E., LLC
General Contractor: Albert Babaev Long Lasting	Site Manager/ Supervisor: Albert Babaev Long Lasting

Work Activities Performed (Since Last Report):
- Prepare site for continue sheeting and shoring;
- Begin welding supports for whalers along grids 2, 3 and 4.

Working In Grid #: 2, 3, and 4.

Samples Collected (Since Last Report):
- None

Air Monitoring (Since Last Report):
- NA – no soil excavation being conducted.

Problems Encountered:
- No problems encountered.

Planned Activities for the Next Day/ Week:
- Continue welding for whaler supports;
- Continue trucking sometime week of 11/17/2014.

									Example:	
Facility # Name/ Location Type of Waste Solid Or Liquid	P Park NJ LLC Prospect Park, NJ 07508 Residential Clean Fill Solid		Hudson River Views Industrial Park 45 Holt Dr. Stony Point, NY						# # # # # # # Clean Earth Carteret, NJ petroleum soils Solid	
(Trucks, Cu.Yds. Or Gallons)	Trucks	Cu. Yds.	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds.
Today	0	0	0	0					5	120
Total	26	650	85	2,720					25	600

NYC Clean Soil Bank		Receiving Facility:			
Tracking No.:					
Today	Trucks	Cu. Yds.	Total	Trucks	Cu. Yds.

Site Grid Map

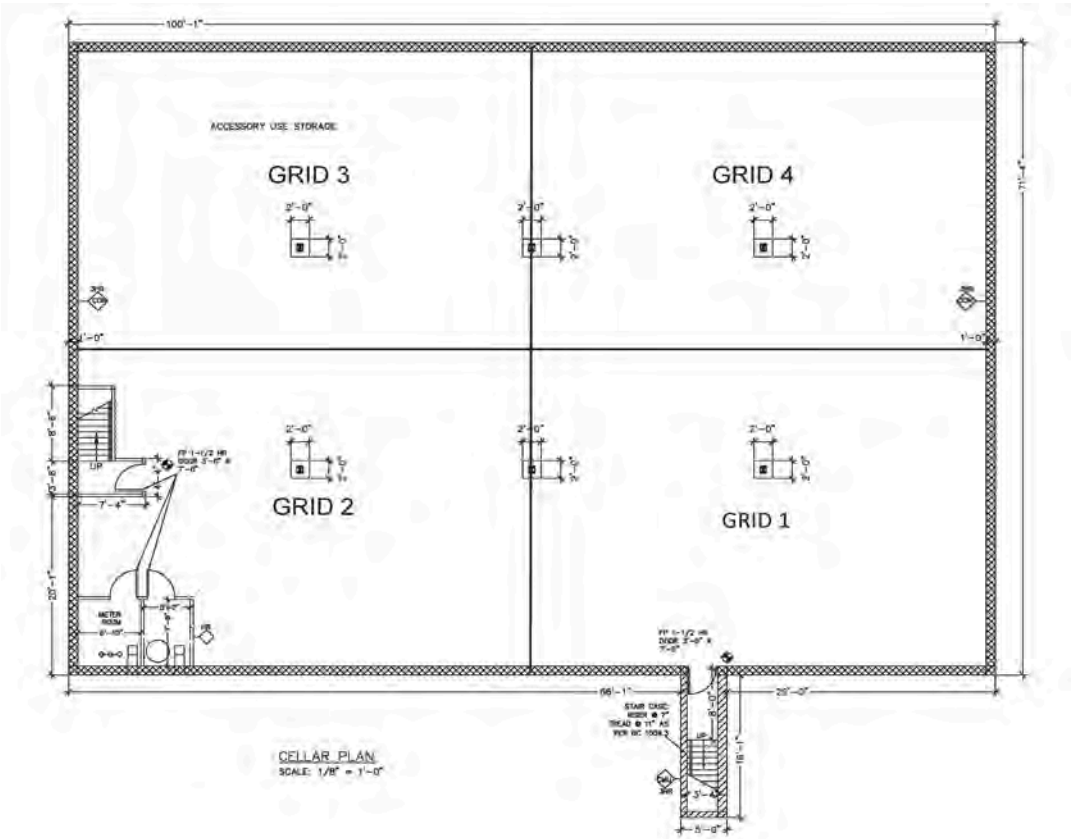


Photo Log

Photo 1 – View of grids 3 and 4.	
Photo 2 – View of the bottom of the excavation pit.	
Photo 3 – View of whaler supports along grids 2 and 3.	

DAILY STATUS REPORT

Prepared By: Phil Hoffken

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	< 32		32-50	X	50-70		70-85		>85	

VCP Project No.:	14CVCP234Q	E-Number Project No.:	14EH-N350Q	Date:	11/19/2014
Project Name:	102-14/102-16 Liberty Avenue, Queens				

Consultant: Phil Hoffken JR Holzmacher P.E., LLC	Safety Officer: Phil Hoffken JR Holzmacher P.E., LLC
General Contractor: Albert Babaev Long Lasting	Site Manager/ Supervisor: Albert Babaev Long Lasting

Work Activities Performed (Since Last Report):
- Continue excavation and work of raker supports in grids 2 and 3.
- Excavate thirteen (13) load of material from the site.

Working In Grid #: 2, 3, and 4.

Samples Collected (Since Last Report):
- None

Air Monitoring (Since Last Report):
- 0.015 ug/m3 - 0.109 mg/m3. 0.0 ppm.

Problems Encountered:
- No problems encountered.

Planned Activities for the Next Day/ Week:
- Continue shoring work
- Resume excavating on 11/21/2014.

									Example:	
Facility # Name/ Location Type of Waste Solid Or Liquid	P Park NJ LLC Prospect Park, NJ 07508 Residential Clean Fill Solid		Hudson River Views Industrial Park 45 Holt Dr. Stony Point, NY						# # # # # # # Clean Earth Carteret, NJ petroleum soils Solid	
(Trucks, Cu.Yds. Or Gallons)	Trucks	Cu. Yds.	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds.
Today	0	0	13	416					5	120
Total	26	650	98	3,136					25	600

NYC Clean Soil Bank		Receiving Facility:			
Tracking No.:					
Today	Trucks	Cu. Yds.	Total	Trucks	Cu. Yds.

Site Grid Map

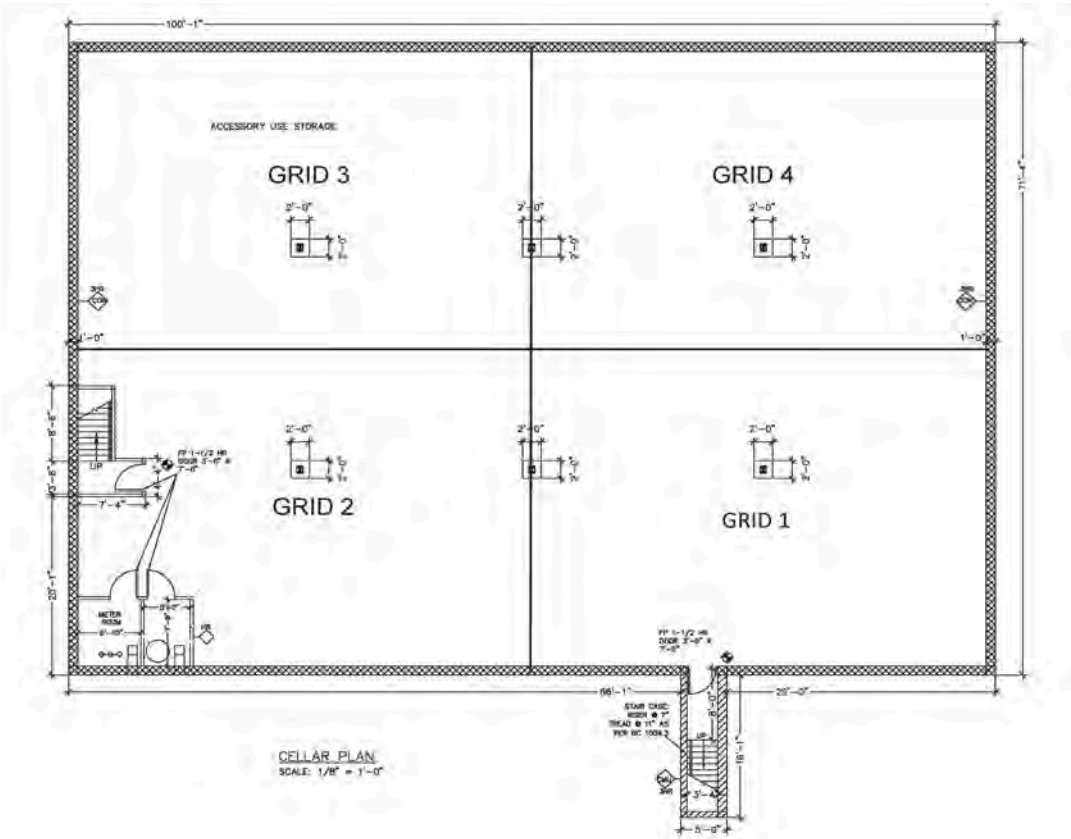


Photo Log

Photo 1 – View of grid 3 rackers.	
Photo 2 – Excavating from grid 4.	
Photo 3 – Excavating material away from wall in grid 2.	

DAILY STATUS REPORT

Prepared By: Phil Hoffken

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	< 32		32-50		50-70	X	70-85		>85	

VCP Project No.:	14CVCP234Q	E-Number Project No.:	14EH-N350Q	Date:	11/21/2014
Project Name:	102-14/102-16 Liberty Avenue, Queens				

Consultant: Phil Hoffken JR Holzmacher P.E., LLC	Safety Officer: Phil Hoffken JR Holzmacher P.E., LLC
General Contractor: Albert Babaev Long Lasting	Site Manager/ Supervisor: Albert Babaev Long Lasting

Work Activities Performed (Since Last Report):
- Continue excavation and work of raker supports in grids 2 and 3.
- Excavate fourteen (14) loads of material from the site.

Working In Grid #: 2, 3, and 4.

Samples Collected (Since Last Report):
- None

Air Monitoring (Since Last Report):
- 0.043 ug/m3 - 0.159 mg/m3. 0.0 ppm.

Problems Encountered:
- No problems encountered.

Planned Activities for the Next Day/ Week:
- Continue excavating.

									Example:	
Facility # Name/ Location Type of Waste Solid Or Liquid	P Park NJ LLC Prospect Park, NJ 07508 Residential Clean Fill Solid		Hudson River Views Industrial Park 45 Holt Dr. Stony Point, NY						# # # # # # # Clean Earth Carteret, NJ petroleum soils Solid	
(Trucks, Cu.Yds. Or Gallons)	Trucks	Cu. Yds.	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds.
Today	0	0	14	448					5	120
Total	26	650	112	3,584					25	600

NYC Clean Soil Bank		Receiving Facility:			
Tracking No.:					
Today	Trucks	Cu. Yds.	Total	Trucks	Cu. Yds.

Site Grid Map

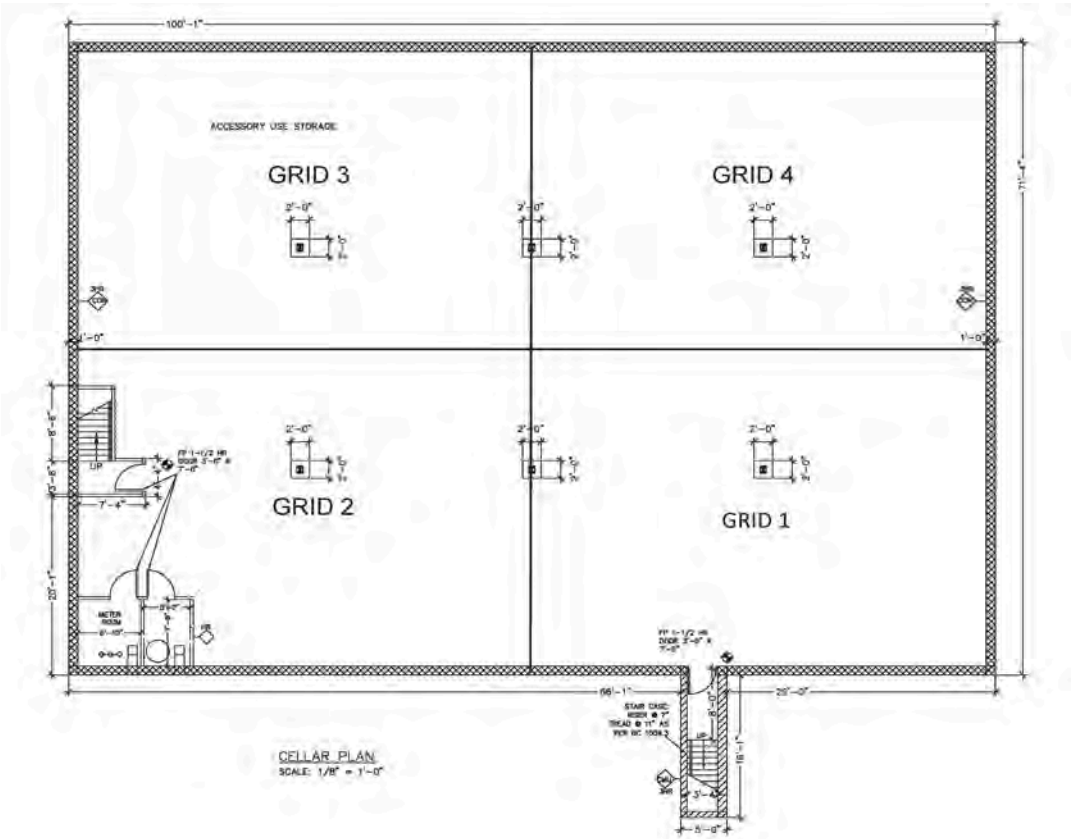


Photo Log

Photo 1 – View of grid 2 and 3 rackers.	
Photo 2 – Excavating from grid 3.	
Photo 3 – Loading truck from grid 4.	

DAILY STATUS REPORT

Prepared By: Phil Hoffken

WEATHER	Snow		Rain		Overcast	x	Partly Cloudy		Bright Sun	
TEMP.	< 32		32-50	x	50-70		70-85		>85	

VCP Project No.:	14CVCP234Q	E-Number Project No.:	14EH-N350Q	Date:	11/24/2014
Project Name:	102-14/102-16 Liberty Avenue, Queens				

Consultant: Phil Hoffken JR Holzmacher P.E., LLC	Safety Officer: Phil Hoffken JR Holzmacher P.E., LLC
General Contractor: Albert Babaev Long Lasting	Site Manager/ Supervisor: Albert Babaev Long Lasting

Work Activities Performed (Since Last Report):
- Inspect vapor barrier along wall and below footing in grids 2 and 3.
- Excavate seventeen (17) loads of material from the site.
- Conference call about Clean Soil Bank and Fresh Meadows Corona Park.

Working In Grid #: 2, 3, and 4.

Samples Collected (Since Last Report):
- None

Air Monitoring (Since Last Report):
- 0.033 ug/m3 - 0.169 mg/m3. 0.0 ppm.

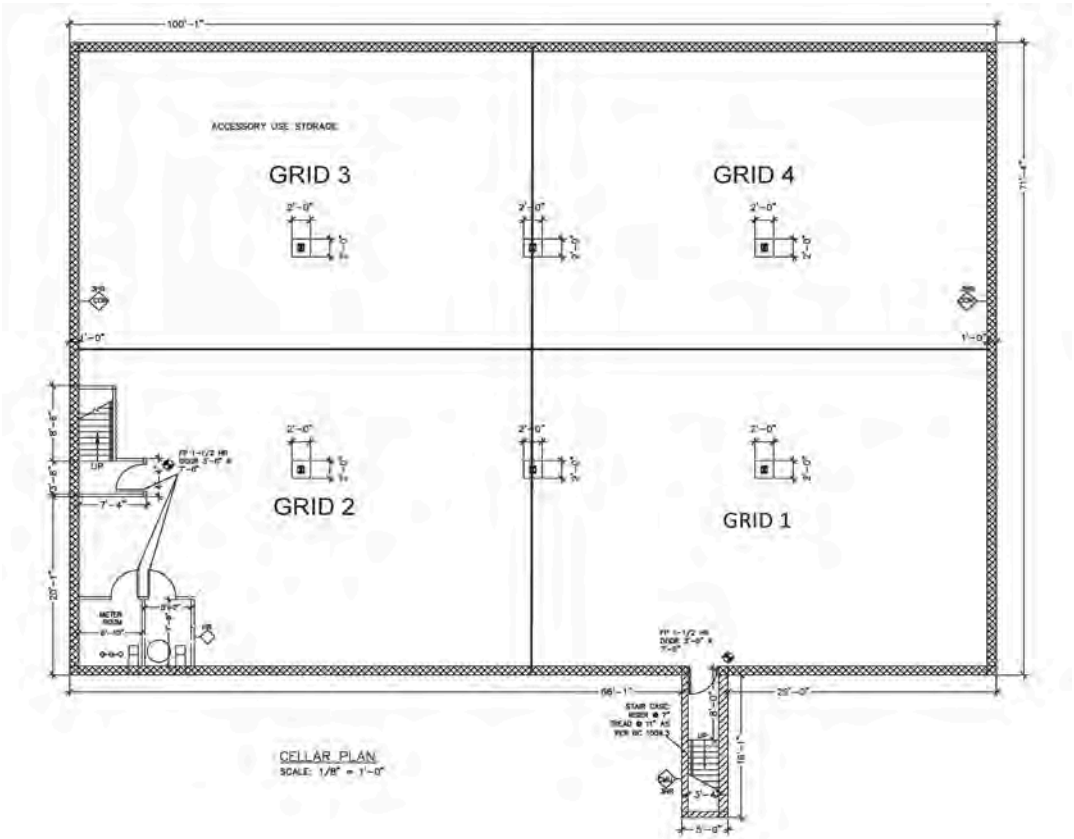
Problems Encountered:
- No problems encountered.

Planned Activities for the Next Day/ Week:
- Continue shoring work..

									Example:	
Facility # Name/ Location Type of Waste Solid Or Liquid	P Park NJ LLC Prospect Park, NJ 07508 Residential Clean Fill Solid		Hudson River Views Industrial Park 45 Holt Dr. Stony Point, NY						# # # # # # # Clean Earth Carteret, NJ petroleum soils Solid	
(Trucks, Cu.Yds. Or Gallons)	Trucks	Cu. Yds.	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds.
Today	0	0	17	544					5	120
Total	26	650	129	4,128					25	600

NYC Clean Soil Bank		Receiving Facility:			
Tracking No.:					
Today	Trucks	Cu. Yds.	Total	Trucks	Cu. Yds.

Site Grid Map



 File Name: 2014-11-24.14CVCP234Q.Daily_Report.doc

Photo Log

Photo 1 – View of vapor barrier below future foundation in grids 2 and 3.	
Photo 2 – View of vapor barrier along eastern wall with seams taped in grids 2 and 3.	
Photo 3 – Loading truck from grid 4.	

DAILY STATUS REPORT

Prepared By: Phil Hoffken

WEATHER	Snow		Rain		Overcast	x	Partly Cloudy		Bright Sun	
TEMP.	< 32		32-50	x	50-70		70-85		>85	

VCP Project No.:	14CVCP234Q	E-Number Project No.:	14EH-N350Q	Date:	11/25/2014
Project Name:	102-14/102-16 Liberty Avenue, Queens				

Consultant: Phil Hoffken JR Holzmacher P.E., LLC	Safety Officer: Phil Hoffken JR Holzmacher P.E., LLC
General Contractor: Albert Babaev Long Lasting	Site Manager/ Supervisor: Albert Babaev Long Lasting

Work Activities Performed (Since Last Report):
- Oversee Excav Service collect soil samples for analysis for CSB.
- Inspect vapor barrier in future footing.

Working In Grid #: 2, and 3.

Samples Collected (Since Last Report):
- None

Air Monitoring (Since Last Report):
- None, no excavation activities being conducted.

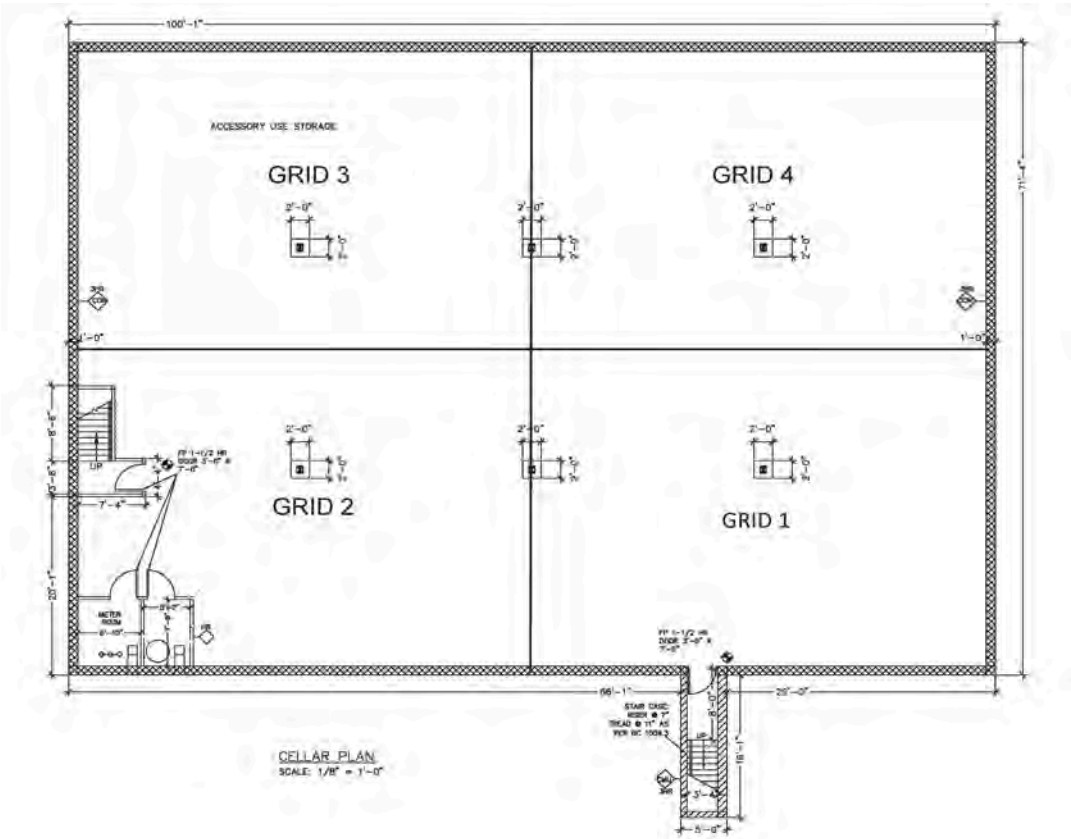
Problems Encountered:
- No problems encountered.

Planned Activities for the Next Day/ Week:
- Continue shoring work.

									Example:	
Facility # Name/ Location Type of Waste Solid Or Liquid	P Park NJ LLC Prospect Park, NJ 07508 Residential Clean Fill Solid		Hudson River Views Industrial Park 45 Holt Dr. Stony Point, NY						# # # # # # # Clean Earth Carteret, NJ petroleum soils Solid	
(Trucks, Cu.Yds. Or Gallons)	Trucks	Cu. Yds.	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds.
Today	0	0	0	0					5	120
Total	26	650	129	4,128					25	600

NYC Clean Soil Bank		Receiving Facility:			
Tracking No.:					
Today	Trucks	Cu. Yds.	Total	Trucks	Cu. Yds.

Site Grid Map



 File Name: 2014-11-25.14CVCP234Q.Daily_Report.doc

Photo Log

Photo 1 – View of grids 2 and 3.	
Photo 2 – Excav Service collecting samples.	
Photo 3 – View of grid 4 where material will head to CSB.	

DAILY STATUS REPORT

Prepared By: Phil Hoffken

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	x
TEMP.	< 32		32-50		50-70	x	70-85		>85	

VCP Project No.:	14CVCP234Q	E-Number Project No.:	14EH-N350Q	Date:	12/5/2014
Project Name:	102-14/102-16 Liberty Avenue, Queens				

Consultant: Phil Hoffken JR Holzmacher P.E., LLC	Safety Officer: Phil Hoffken JR Holzmacher P.E., LLC
General Contractor: Albert Babaev Long Lasting	Site Manager/ Supervisor: Albert Babaev Long Lasting

Work Activities Performed (Since Last Report):
- Load-out four (4) loads of soil,
- Inspect vapor barrier in future footing.

Working In Grid #: 2, 3, and 4.

Samples Collected (Since Last Report):
None

Air Monitoring (Since Last Report):
- 0.022 ug/m3 - 0.157 mg/m3. 0.0 ppm.

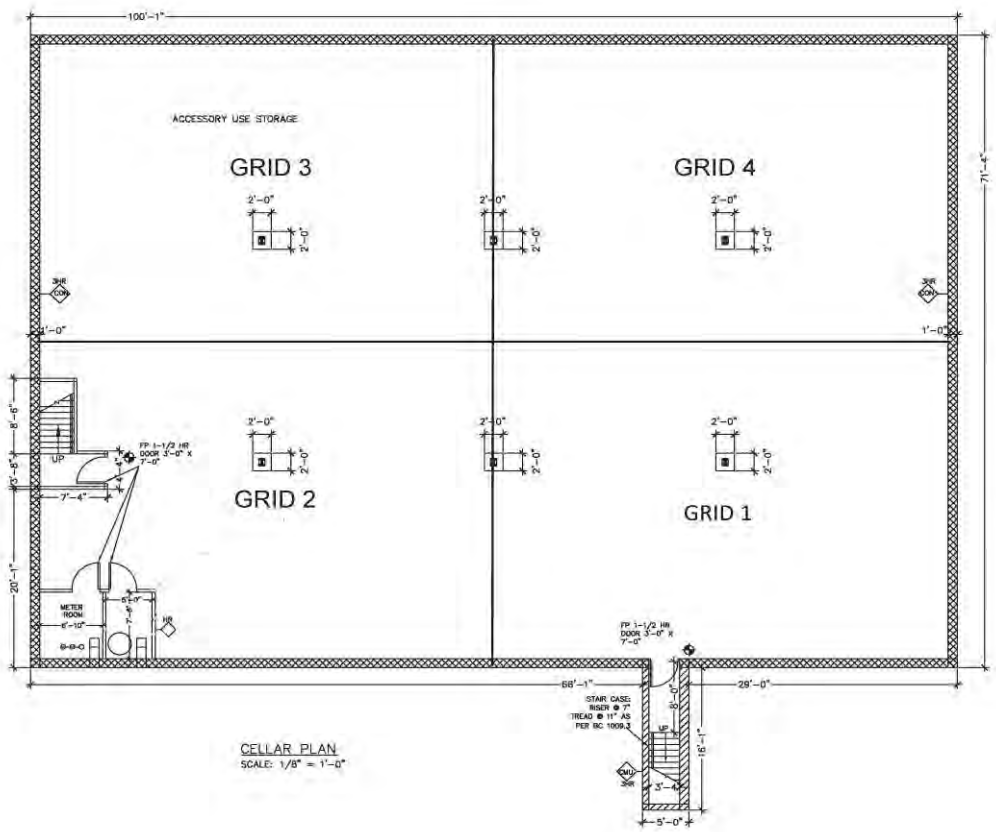
Problems Encountered:
- No problems encountered.

Planned Activities for the Next Day/ Week:
- Continue shoring work.

									Example:	
Facility # Name/ Location Type of Waste Solid Or Liquid	P Park NJ LLC Prospect Park, NJ 07508 Residential Clean Fill Solid		Hudson River Views Industrial Park 45 Holt Dr. Stony Point, NY						# # # # # # # Clean Earth Carteret, NJ petroleum soils Solid	
(Trucks, Cu.Yds. Or Gallons)	Trucks	Cu. Yds.	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds.
Today	0	0	4	128					5	120
Total	26	650	133	4,256					25	600

NYC Clean Soil Bank		Receiving Facility:			
Tracking No.:					
Today	Trucks	Cu. Yds.	Total	Trucks	Cu. Yds.

Site Grid Map



 File Name: 2014-12-05.14CVCP234Q.Daily_Report.doc

Photo Log

Photo 1 – Loading out a truck from grid 1.	
Photo 2 – Shoring in grid 3.	
Photo 3 – View of site.	

DAILY STATUS REPORT

Prepared By: Phil Hoffken

WEATHER	Snow		Rain		Overcast		Partly Cloudy	x	Bright Sun	
TEMP.	< 32		32-50	**x**	50-70		70-85		>85	

VCP Project No.:	14CVCP234Q	E-Number Project No.:	14EH-N350Q	Date:	12/12/2014
Project Name:	102-14/102-16 Liberty Avenue, Queens				

Consultant: Phil Hoffken JR Holzmacher P.E., LLC	Safety Officer: Phil Hoffken JR Holzmacher P.E., LLC
General Contractor: Albert Babaev Long Lasting	Site Manager/ Supervisor: Albert Babaev Long Lasting

Work Activities Performed (Since Last Report):
- Load-out fifteen (15) loads of soil,
- Relocating dirt from grid 2, against the shoring wall to soil pile.

Working In Grid #: 2, 3, and 4.

Samples Collected (Since Last Report):
- None

Air Monitoring (Since Last Report):
- 0.028 ug/m3 - 0.127 mg/m3. 0.0 ppm.

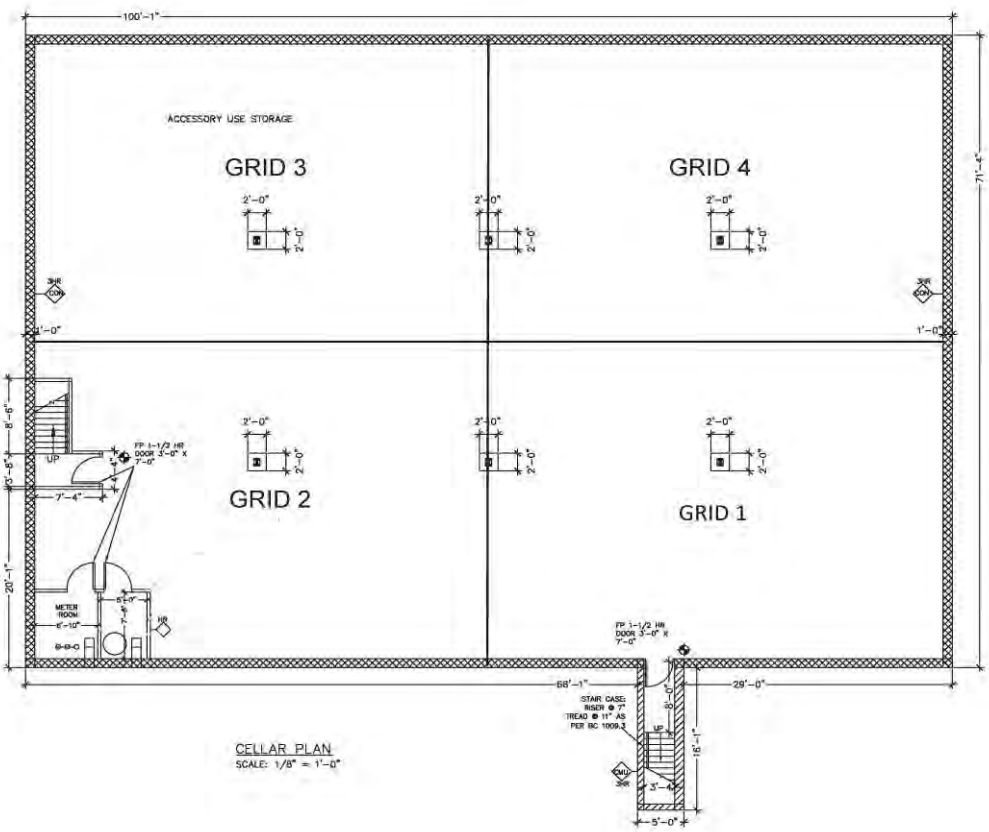
Problems Encountered:
- No problems encountered.

Planned Activities for the Next Day/ Week:
- Continue shoring work.

									Example:	
Facility # Name/ Location Type of Waste Solid Or Liquid	P Park NJ LLC Prospect Park, NJ 07508 Residential Clean Fill Solid		Hudson River Views Industrial Park 45 Holt Dr. Stony Point, NY						# # # # # # # Clean Earth Carteret, NJ petroleum soils Solid	
(Trucks, Cu.Yds. Or Gallons)	Trucks	Cu. Yds.	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds.
Today	0	0	15	480					5	120
Total	26	650	148	4,736					25	600

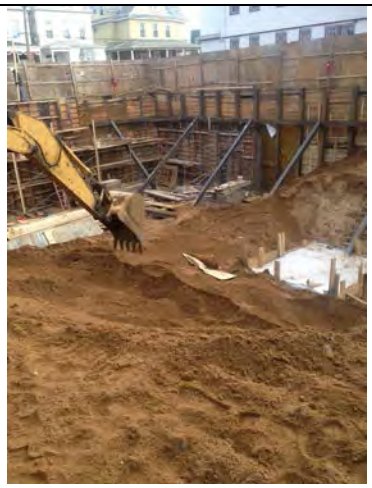
NYC Clean Soil Bank		Receiving Facility:			
Tracking No.:					
Today	Trucks	Cu. Yds.	Total	Trucks	Cu. Yds.

Site Grid Map



 File Name: 2014-12-12.14CVCP234Q.Daily_Report.doc

Photo Log

Photo 1 – Removing soil from grid 2 shoring wall.	
Photo 2 – New footing for rakers..	
Photo 3 – Moving soil from grid 2 into soil pile.	

DAILY STATUS REPORT

Prepared By: Phil Hoffken

WEATHER	Snow		Rain		Overcast		Partly Cloudy	x	Bright Sun	
TEMP.	< 32		32-50	**x**	50-70		70-85		>85	

VCP Project No.:	14CVCP234Q	E-Number Project No.:	14EH-N350Q	Date:	12/19/2014
Project Name:	102-14/102-16 Liberty Avenue, Queens				

Consultant: Phil Hoffken JR Holzmacher P.E., LLC	Safety Officer: Phil Hoffken JR Holzmacher P.E., LLC
General Contractor: Albert Babaev Long Lasting	Site Manager/ Supervisor: Albert Babaev Long Lasting

Work Activities Performed (Since Last Report):
- Continue working on sheeting and shoring
- Truck out 4 loads to CSB

Working In Grid #: 2, 3, and 4.

Samples Collected (Since Last Report):
- None

Air Monitoring (Since Last Report):
- 0.035 ug/m3 - 0.110 mg/m3. 0.0 ppm.

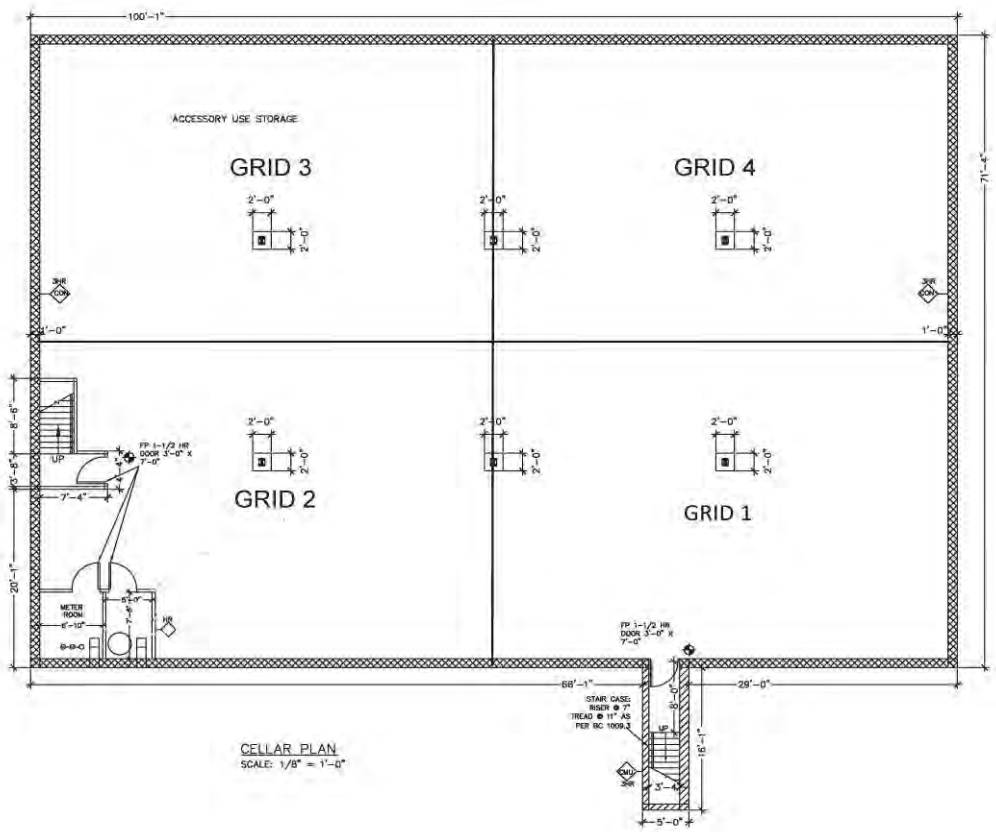
Problems Encountered:
- No problems encountered.

Planned Activities for the Next Day/ Week:
- Continue shoring work.

									Example:	
Facility # Name/ Location Type of Waste Solid Or Liquid	P Park NJ LLC Prospect Park, NJ 07508 Residential Clean Fill Solid		Hudson River Views Industrial Park 45 Holt Dr. Stony Point, NY						# # # # # # # Clean Earth Carteret, NJ petroleum soils Solid	
(Trucks, Cu.Yds. Or Gallons)	Trucks	Cu. Yds.	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds.
Today	0	0	0	0					5	120
Total	26	650	148	4,736					25	600

NYC Clean Soil Bank		Receiving Facility: Flushing Meadows Lake – Medaow Lake Treatment Wetland			
Tracking No.:	15CCSB033				
Today	Trucks 4	Cu. Yds. 60	Total	Trucks 4	Cu. Yds. 60

Site Grid Map



 File Name: 2014-12-19.14CVCP234Q.Daily_Report.doc

Photo Log

Photo 1 – Soil to goto CSB.	
Photo 2 – Soil in back of truck.	
Photo 3 – Scooping up soil.	

DAILY STATUS REPORT

Prepared By: Phil Hoffken

WEATHER	Snow		Rain		Overcast	x	Partly Cloudy		Bright Sun	
TEMP.	< 32		32-50	x	50-70		70-85		>85	

VCP Project No.:	14CVCP234Q	E-Number Project No.:	14EH-N350Q	Date:	12/22/2014
Project Name:	102-14/102-16 Liberty Avenue, Queens				

Consultant: Phil Hoffken JR Holzmacher P.E., LLC	Safety Officer: Phil Hoffken JR Holzmacher P.E., LLC
General Contractor: Albert Babaev Long Lasting	Site Manager/ Supervisor: Albert Babaev Long Lasting

Work Activities Performed (Since Last Report):
- Continue working on sheeting and shoring
- Trucked out 6 loads to CSB

Working In Grid #: 2, 3, and 4.

Samples Collected (Since Last Report):
- None

Air Monitoring (Since Last Report):
- 0.019 ug/m3 - 0.135 mg/m3. 0.0 ppm.

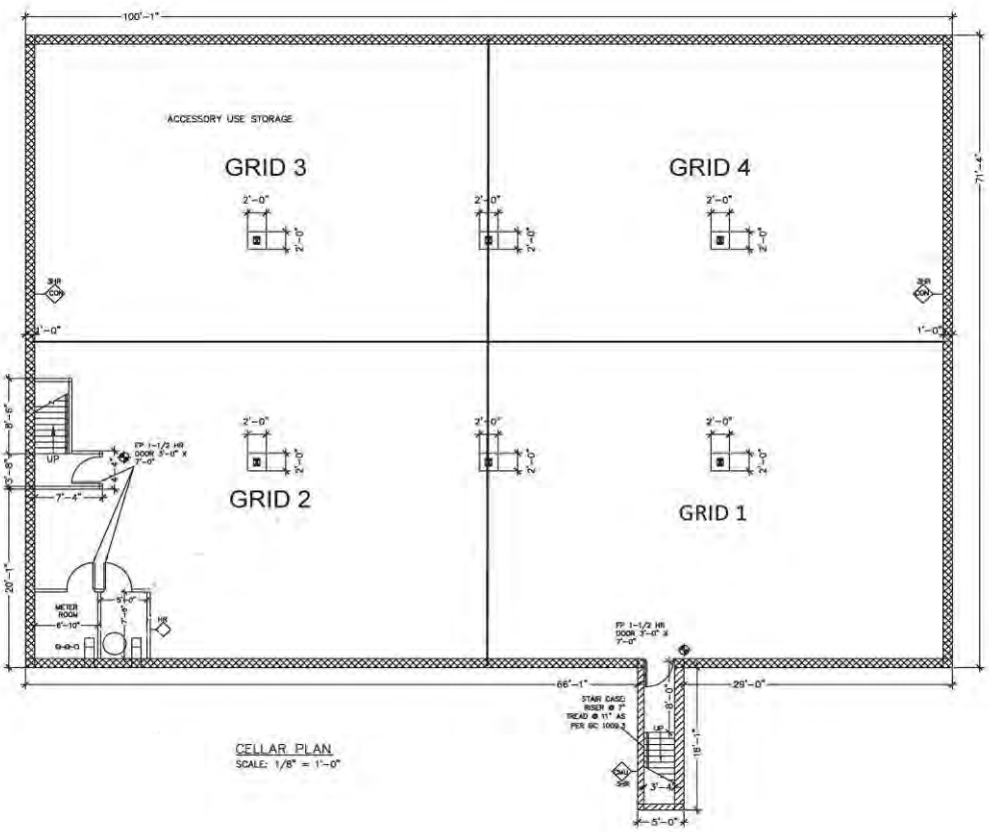
Problems Encountered:
- No problems encountered.

Planned Activities for the Next Day/ Week:
- Continue shoring work.

									Example:	
Facility # Name/ Location Type of Waste Solid Or Liquid	P Park NJ LLC Prospect Park, NJ 07508 Residential Clean Fill Solid		Hudson River Views Industrial Park 45 Holt Dr. Stony Point, NY						# # # # # # # Clean Earth Carteret, NJ petroleum soils Solid	
(Trucks, Cu.Yds. Or Gallons)	Trucks	Cu. Yds.	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds.
Today	0	0	0	0					5	120
Total	26	650	148	4,736					25	600

NYC Clean Soil Bank		Receiving Facility: Flushing Meadows Lake – Meadow Lake Treatment Wetland			
Tracking No.:	15CCSB033				
Today	Trucks 6	Cu. Yds. 90	Total	Trucks 10	Cu. Yds. 150

Site Grid Map



 File Name: 2014-12-22.14CVCP234Q.Daily_Report.doc

Photo Log

Photo 1 – Soil to goto CSB.	
Photo 2 – Soil in back of truck.	
Photo 3 – Scooping up soil.	

DAILY STATUS REPORT

Prepared By: Phil Hoffken

WEATHER	Snow		Rain		Overcast		Partly Cloudy	x	Bright Sun	
TEMP.	< 32		32-50		50-70	**x**	70-85		>85	

VCP Project No.:	14CVCP234Q	E-Number Project No.:	14EH-N350Q	Date:	5/1/2015
Project Name:	102-14/102-16 Liberty Avenue, Queens				

Consultant: Phil Hoffken JR Holzmacher P.E., LLC	Safety Officer: Phil Hoffken JR Holzmacher P.E., LLC
General Contractor: Albert Babaev Long Lasting	Site Manager/ Supervisor: Albert Babaev Long Lasting

Work Activities Performed (Since Last Report):
- Trucked out 3 loads to CSB from the stockpile in grid 1.
- Constructed form work in grids 2 and 4.
- Installed vapor barrier in grid 2.

Working In Grid #: 1, 2, and 4.

Samples Collected (Since Last Report):
- None

Air Monitoring (Since Last Report):
- 0.019 ug/m3 - 0.135 mg/m3. 0.0 ppm.

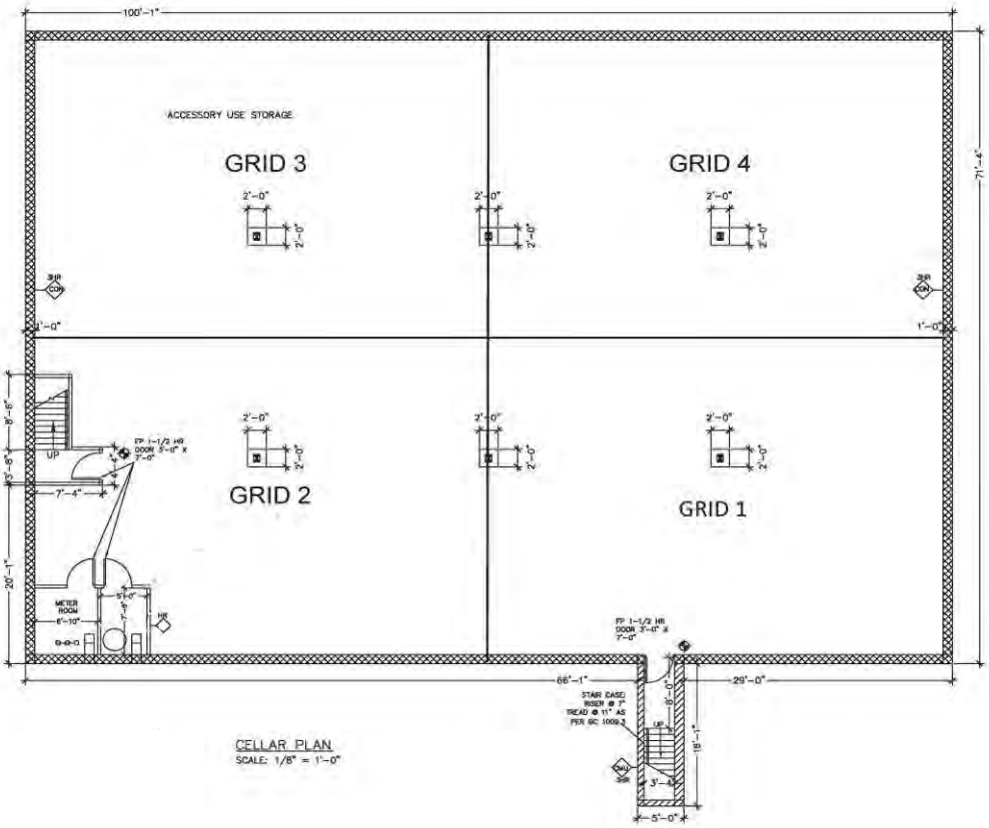
Problems Encountered:
- No problems encountered.

Planned Activities for the Next Day/ Week:
- Continue construction work and excavation to CSB.

									Example:	
Facility # Name/ Location Type of Waste Solid Or Liquid	P Park NJ LLC Prospect Park, NJ 07508 Residential Clean Fill Solid		Hudson River Views Industrial Park 45 Holt Dr. Stony Point, NY						# # # # # # # Clean Earth Carteret, NJ petroleum soils Solid	
(Trucks, Cu.Yds. Or Gallons)	Trucks	Cu. Yds.	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds.
Today	0	0	0	0					5	120
Total	26	650	148	4,736					25	600

NYC Clean Soil Bank		Receiving Facility: Flushing Meadows Lake – Meadow Lake Treatment Wetland			
Tracking No.:	15CCSB033				
Today	Trucks 3	Cu. Yds. 90	Total	Trucks 13	Cu. Yds. 240

Site Grid Map



 File Name: 2015-05-01.14CVCP234Q.Daily_Report.doc

Photo Log

Photo 1 – Soil in back of trailer.	
Photo 2 – Soil to be excavated.	
Photo 3 – Form work in grid 4.	

DAILY STATUS REPORT

Prepared By: Phil Hoffken

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	x
TEMP.	< 32		32-50		50-70		70-85	x	>85	

VCP Project No.:	14CVCP234Q	E-Number Project No.:	14EH-N350Q	Date:	5/5/2015
Project Name:	102-14/102-16 Liberty Avenue, Queens				

Consultant: Phil Hoffken JR Holzmacher P.E., LLC	Safety Officer: Phil Hoffken JR Holzmacher P.E., LLC
General Contractor: Albert Babaev Long Lasting	Site Manager/ Supervisor: Albert Babaev Long Lasting

Work Activities Performed (Since Last Report):
- Trucked out 13 loads to CSB from the stockpile in grid 1 (8 triaxles and 5 dump trailers).
- Constructed form work in grids 2 and 4.
- Installed vapor barrier in grid 2 footing.

Working In Grid #: 1, 2, and 4.

Samples Collected (Since Last Report):
- None

Air Monitoring (Since Last Report):
- None. Based on site conditions and excavation practices, no monitoring was not needed.

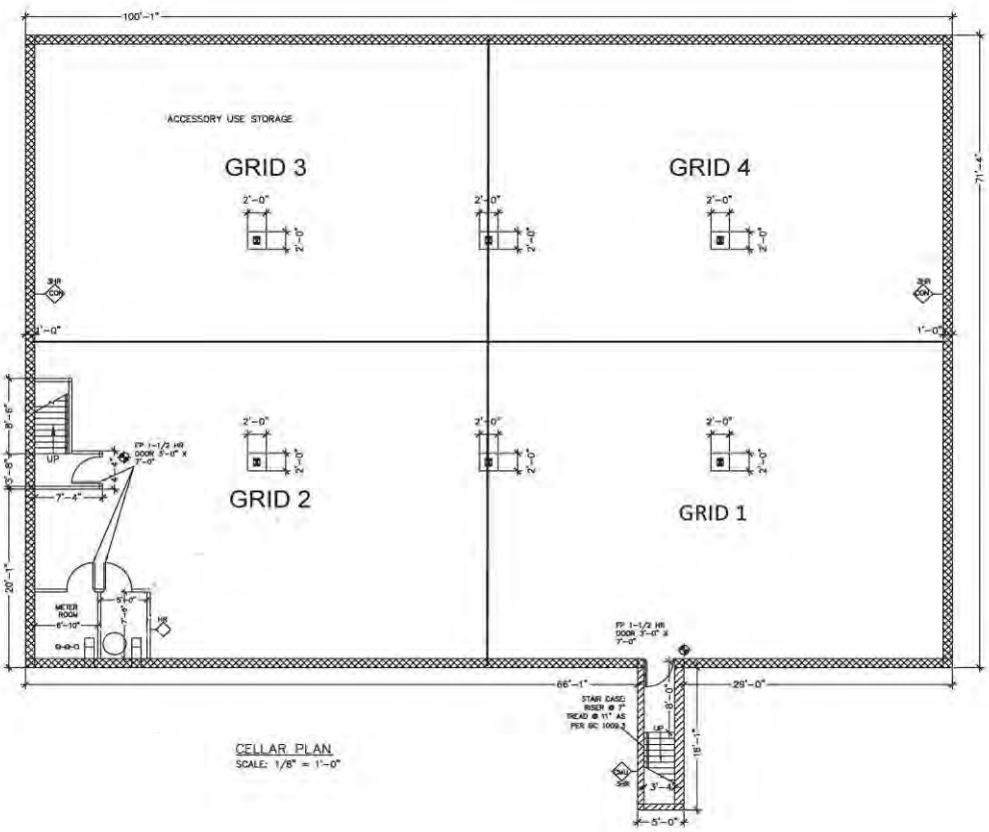
Problems Encountered:
- No problems encountered.

Planned Activities for the Next Day/ Week:
- Continue construction work and excavation to CSB.

									Example:	
Facility # Name/ Location Type of Waste Solid Or Liquid	P Park NJ LLC Prospect Park, NJ 07508 Residential Clean Fill Solid		Hudson River Views Industrial Park 45 Holt Dr. Stony Point, NY						# # # # # # # Clean Earth Carteret, NJ petroleum soils Solid	
(Trucks, Cu.Yds. Or Gallons)	Trucks	Cu. Yds.	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds.
Today	0	0	0	0					5	120
Total	26	650	148	4,736					25	600

NYC Clean Soil Bank		Receiving Facility: Flushing Meadows Lake – Meadow Lake Treatment Wetland			
Tracking No.:	15CCSB033				
Today	Trucks 13	Cu. Yds. 270	Total	Trucks 26	Cu. Yds. 510

Site Grid Map



 File Name: 2015-05-05.14CVCP234Q.Daily_Report.doc

Photo Log

Photo 1 – Moving soil into stockpile.	
Photo 2 – Vapor barrier and taping in future footing.	
Photo 3 –Installation of vapor barrier in future footing.	

DAILY STATUS REPORT

Prepared By: Phil Hoffken

WEATHER	Snow		Rain		Overcast		Partly Cloudy	x	Bright Sun	
TEMP.	< 32		32-50		50-70		70-85	x	>85	

VCP Project No.:	14CVCP234Q	E-Number Project No.:	14EH-N350Q	Date:	5/6/2015
Project Name:	102-14/102-16 Liberty Avenue, Queens				

Consultant: Phil Hoffken JR Holzmacher P.E., LLC	Safety Officer: Phil Hoffken JR Holzmacher P.E., LLC
General Contractor: Albert Babaev Long Lasting	Site Manager/ Supervisor: Albert Babaev Long Lasting

Work Activities Performed (Since Last Report):
- Trucked out 7 loads to CSB from the stockpile in grid 1 (6 triaxles and 1 dump trailer).
- Constructed form work in grids 2 and 4.

Working In Grid #: 1, 2, and 4.

Samples Collected (Since Last Report):
- None

Air Monitoring (Since Last Report):
- None. Based on site conditions and excavation practices, no monitoring was not needed.

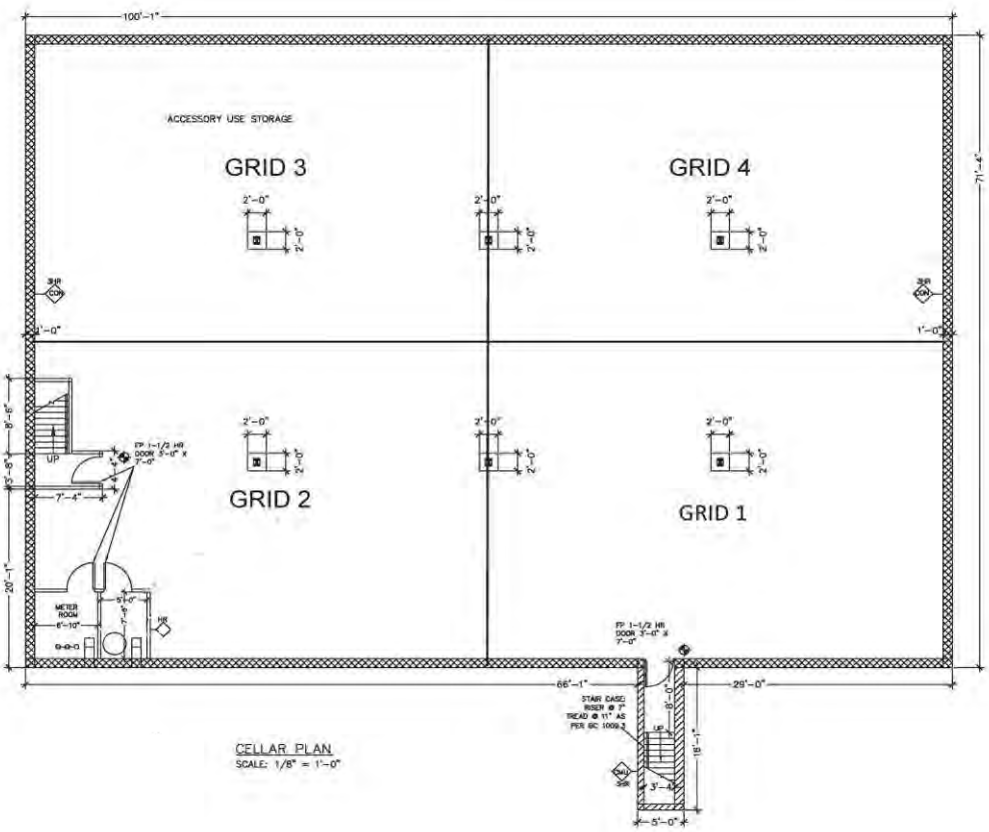
Problems Encountered:
- No problems encountered.

Planned Activities for the Next Day/ Week:
- Continue construction work and excavation to CSB.

									Example:	
Facility # Name/ Location Type of Waste Solid Or Liquid	P Park NJ LLC Prospect Park, NJ 07508 Residential Clean Fill Solid		Hudson River Views Industrial Park 45 Holt Dr. Stony Point, NY						# # # # # # # Clean Earth Carteret, NJ petroleum soils Solid	
(Trucks, Cu.Yds. Or Gallons)	Trucks	Cu. Yds.	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds.
Today	0	0	0	0					5	120
Total	26	650	148	4,736					25	600

NYC Clean Soil Bank		Receiving Facility: Flushing Meadows Lake – Meadow Lake Treatment Wetland			
Tracking No.:	15CCSB033				
Today	Trucks 7	Cu. Yds. 120	Total	Trucks 33	Cu. Yds. 630

Site Grid Map



 File Name: 2015-05-06.14CVCP234Q.Daily_Report.doc

Photo Log

Photo 1 – Stockpile	
Photo 2 – Stockpile	
Photo 3 –Concrete in footing.	

DAILY STATUS REPORT

Prepared By: Phil Hoffken

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	x
TEMP.	< 32		32-50		50-70		70-85	x	>85	

VCP Project No.:	14CVCP234Q	E-Number Project No.:	14EH-N350Q	Date:	5/7/2015
Project Name:	102-14/102-16 Liberty Avenue, Queens				

Consultant: Phil Hoffken JR Holzmacher P.E., LLC	Safety Officer: Phil Hoffken JR Holzmacher P.E., LLC
General Contractor: Albert Babaev Long Lasting	Site Manager/ Supervisor: Albert Babaev Long Lasting

Work Activities Performed (Since Last Report):
- Trucked out 7 loads to CSB from the stockpile in grid 1 (4 triaxles and 3 dump trailers).
- Constructed form work in grids 2 and 4.

Working In Grid #: 1, 2, and 4.

Samples Collected (Since Last Report):
- None

Air Monitoring (Since Last Report):
- None. Based on site conditions and excavation practices, no monitoring was not needed.

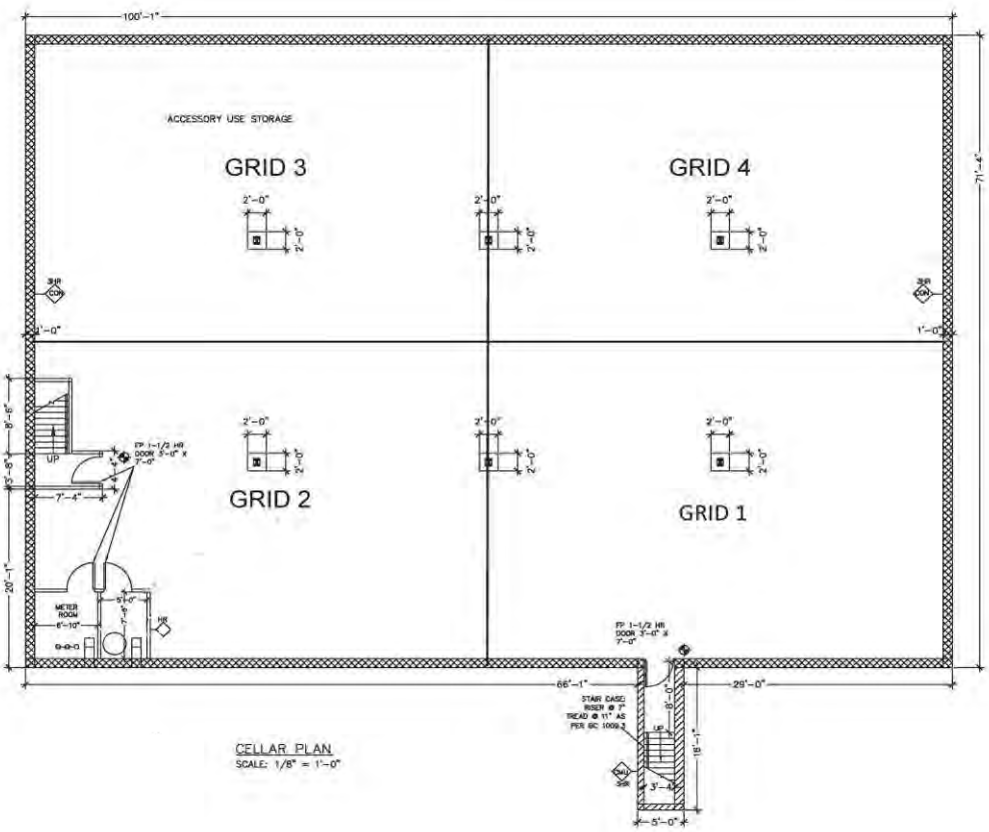
Problems Encountered:
- No problems encountered.

Planned Activities for the Next Day/ Week:
- Continue construction work and excavation to CSB.

									Example:	
Facility # Name/ Location Type of Waste Solid Or Liquid	P Park NJ LLC Prospect Park, NJ 07508 Residential Clean Fill Solid		Hudson River Views Industrial Park 45 Holt Dr. Stony Point, NY						# # # # # # # Clean Earth Carteret, NJ petroleum soils Solid	
(Trucks, Cu.Yds. Or Gallons)	Trucks	Cu. Yds.	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds.
Today	0	0	0	0					5	120
Total	26	650	148	4,736					25	600

NYC Clean Soil Bank		Receiving Facility: Flushing Meadows Lake – Meadow Lake Treatment Wetland			
Tracking No.:	15CCSB033				
Today	Trucks 7	Cu. Yds. 150	Total	Trucks 40	Cu. Yds. 780

Site Grid Map



 File Name: 2015-05-07.14CVCP234Q.Daily_Report.doc

Photo Log

Photo 1 – Stockpile	
Photo 2 – Stockpile	
Photo 3 –Concrete in footing.	

DAILY STATUS REPORT

Prepared By: Phil Hoffken

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	x
TEMP.	< 32		32-50		50-70		70-85	x	>85	

VCP Project No.:	14CVCP234Q	E-Number Project No.:	14EH-N350Q	Date:	5/11/2015
Project Name:	102-14/102-16 Liberty Avenue, Queens				

Consultant: Phil Hoffken JR Holzmacher P.E., LLC	Safety Officer: Phil Hoffken JR Holzmacher P.E., LLC
General Contractor: Albert Babaev Long Lasting	Site Manager/ Supervisor: Albert Babaev Long Lasting

Work Activities Performed (Since Last Report):
- Trucked out 14 loads to CSB from the stockpile in grid 1.
- Constructed form work in grid 2.

Working In Grid #: 1 and 2.

Samples Collected (Since Last Report):
- None

Air Monitoring (Since Last Report):
- 0.019 ug/m3 - 0.135 mg/m3. 0.0 ppm.

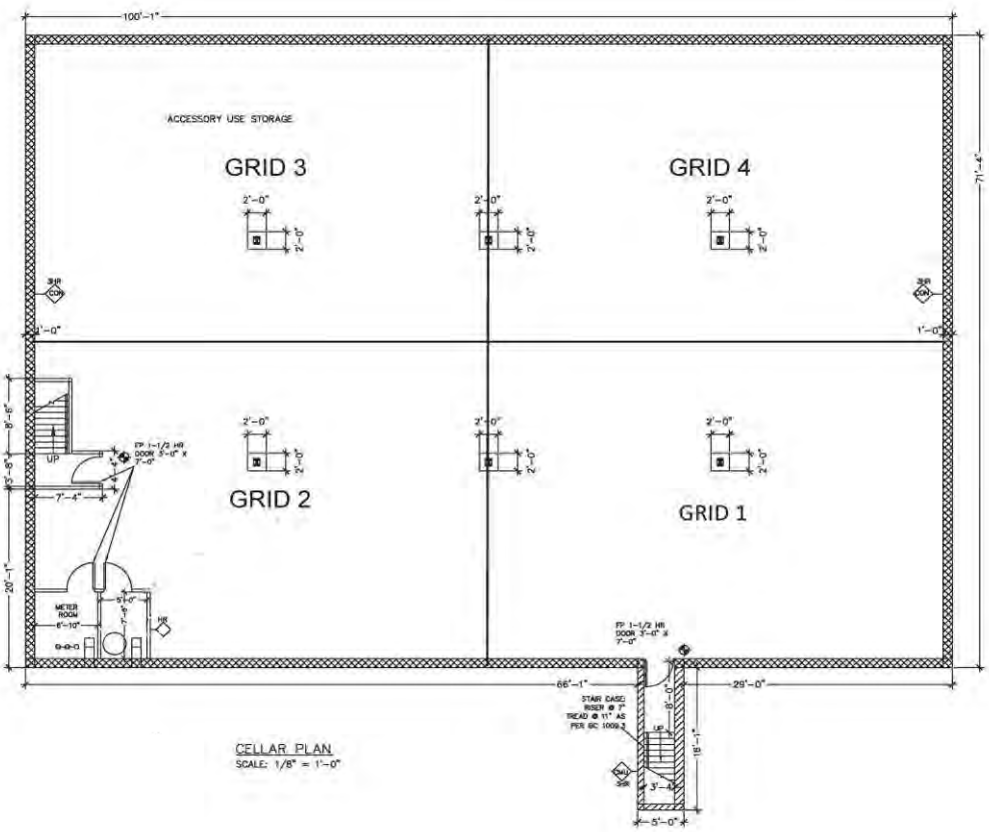
Problems Encountered:
- No problems encountered.

Planned Activities for the Next Day/ Week:
- Continue construction work

									Example:	
Facility # Name/ Location Type of Waste Solid Or Liquid	P Park NJ LLC Prospect Park, NJ 07508 Residential Clean Fill Solid		Hudson River Views Industrial Park 45 Holt Dr. Stony Point, NY						# # # # # # # Clean Earth Carteret, NJ petroleum soils Solid	
(Trucks, Cu.Yds. Or Gallons)	Trucks	Cu. Yds.	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds.
Today	0	0	0	0					5	120
Total	26	650	148	4,736					25	600

NYC Clean Soil Bank		Receiving Facility: Flushing Meadows Lake – Meadow Lake Treatment Wetland			
Tracking No.:	15CCSB033				
Today	Trucks 14	Cu. Yds. 210	Total	Trucks 54	Cu. Yds. 990

Site Grid Map



 File Name: 2015-05-11.14CVCP234Q.Daily_Report.doc

Photo Log

Photo 1 – Excavation of the stockpile.	
Photo 2 – View of material.	
Photo 3 –Bed of truck.	

DAILY STATUS REPORT

Prepared By: Phil Hoffken

WEATHER	Snow		Rain		Overcast	x	Partly Cloudy		Bright Sun	
TEMP.	< 32		32-50		50-70	x	70-85		>85	

VCP Project No.:	14CVCP234Q	E-Number Project No.:	14EH-N350Q	Date:	5/18/2015
Project Name:	102-14/102-16 Liberty Avenue, Queens				

Consultant: Phil Hoffken JR Holzmacher P.E., LLC	Safety Officer: Phil Hoffken JR Holzmacher P.E., LLC
General Contractor: Albert Babaev Long Lasting	Site Manager/ Supervisor: Albert Babaev Long Lasting

Work Activities Performed (Since Last Report):
- Trucked out 13 loads to EROC from the stockpile in grid 1.
- Constructed form work in grid 2.

Working In Grid #: 1 and 2.

Samples Collected (Since Last Report):
- None

Air Monitoring (Since Last Report):
- 0.020 ug/m3 - 0.099 mg/m3. 0.0 ppm.

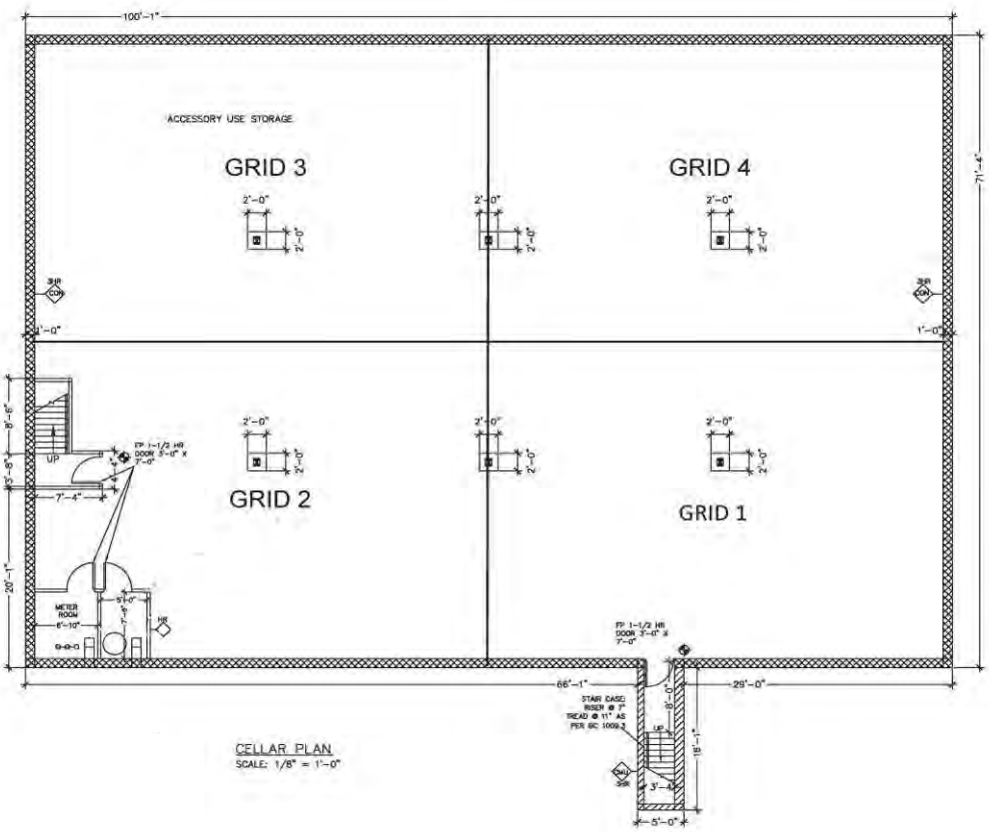
Problems Encountered:
- No problems encountered.

Planned Activities for the Next Day/ Week:
- Continue construction work

									Example:	
Facility # Name/ Location Type of Waste Solid Or Liquid	P Park NJ LLC Prospect Park, NJ 07508 Residential Clean Fill Solid		Hudson River Views Industrial Park 45 Holt Dr. Stony Point, NY		Evergreen Recycling 12710 Northern Blvd, Queens, NY				# # # # # # # Clean Earth Carteret, NJ petroleum soils Solid	
(Trucks, Cu.Yds. Or Gallons)	Trucks	Cu. Yds.	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds.
Today	0	0	0	0	13	234			5	120
Total	26	650	148	4,736	13	234			25	600

NYC Clean Soil Bank		Receiving Facility: Flushing Meadows Lake – Meadow Lake Treatment Wetland			
Tracking No.:	15CCSB033				
Today	Trucks 0	Cu. Yds. 0	Total	Trucks 54	Cu. Yds. 990

Site Grid Map



 File Name: 2015-05-18.14CVCP234Q.Daily_Report.doc

Photo Log

Photo 1 – Grid # 3 at final elevation.	
Photo 2 – Adding material from grid 2 into stockpile in Grid #1.	
Photo 3 –Preparing area in grid #2 for construction.	

DAILY STATUS REPORT

Prepared By: Phil Hoffken

WEATHER	Snow		Rain		Overcast		Partly Cloudy	x	Bright Sun	
TEMP.	< 32		32-50		50-70		70-85	x	>85	

VCP Project No.:	14CVCP234Q	E-Number Project No.:	14EH-N350Q	Date:	5/19/2015
Project Name:	102-14/102-16 Liberty Avenue, Queens				

Consultant: Phil Hoffken JR Holzmacher P.E., LLC	Safety Officer: Phil Hoffken JR Holzmacher P.E., LLC
General Contractor: Albert Babaev Long Lasting	Site Manager/ Supervisor: Albert Babaev Long Lasting

Work Activities Performed (Since Last Report):
- Trucked out 14 loads to EROC from the stockpile in grid 1.
- Constructed form work in grid 2.

Working In Grid #: 1 and 2.

Samples Collected (Since Last Report):
- None

Air Monitoring (Since Last Report):
- 0.011 ug/m3 - 0.092 mg/m3. 0.0 ppm.

Problems Encountered:
- No problems encountered.

Planned Activities for the Next Day/ Week:
- Continue construction work

									Example:	
Facility # Name/ Location Type of Waste Solid Or Liquid	P Park NJ LLC Prospect Park, NJ 07508 Residential Clean Fill Solid		Hudson River Views Industrial Park 45 Holt Dr. Stony Point, NY		Evergreen Recycling 12710 Northern Blvd, Queens, NY				# # # # # # # Clean Earth Carteret, NJ petroleum soils Solid	
(Trucks, Cu.Yds. Or Gallons)	Trucks	Cu. Yds.	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds.
Today	0	0	0	0	14	234			5	120
Total	26	650	148	4,736	27	486			25	600

NYC Clean Soil Bank		Receiving Facility: Flushing Meadows Lake – Meadow Lake Treatment Wetland			
Tracking No.:	15CCSB033				
Today	Trucks 0	Cu. Yds. 0	Total	Trucks 54	Cu. Yds. 990

Site Grid Map

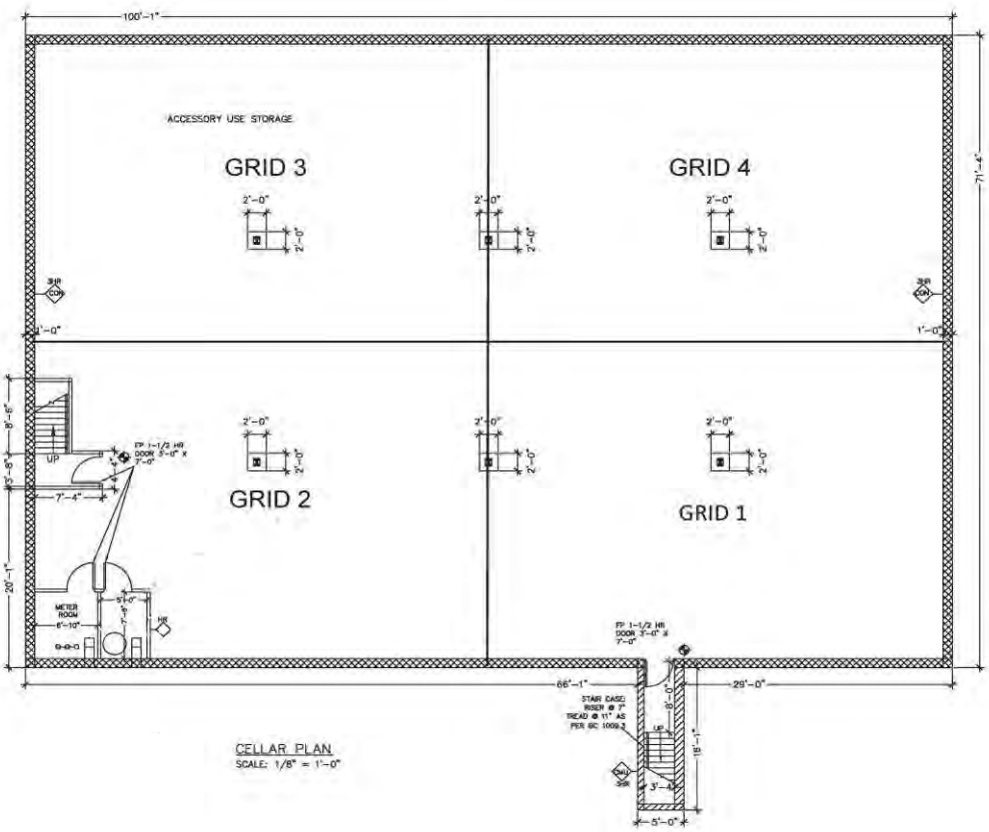


Photo Log

Photo 1 – Bobcat removing material away from wall in grid #3.	
Photo 2 – Vapor barrier being installed along northern wall in grid #2.	
Photo 3 –Preparing to break down the ramp in grid #1.	

DAILY STATUS REPORT

Prepared By: Lauren Fisher

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	x
TEMP.	< 32		32-50		50-70	x	70-85		>85	

VCP Project No.:	14CVCP234Q	E-Number Project No.:	14EH-N350Q	Date:	11/03/2015
Project Name:	102-14/102-16 Liberty Avenue, Queens				

Consultant: Phil Hoffken JR Holzmacher P.E., LLC	Safety Officer: Phil Hoffken JR Holzmacher P.E., LLC
General Contractor: Albert Babaev Long Lasting	Site Manager/ Supervisor: Albert Babaev Long Lasting
Work Activities Performed (Since Last Report): Site Inspection; Install electric and other interior needs.	
Working In Grid #: 1, 2, 3, and 4.	

Samples Collected (Since Last Report):
- None

Air Monitoring (Since Last Report):
- None

Problems Encountered:
- No problems encountered.

Planned Activities for the Next Day/ Week:
- Continue construction work

Example:

 File Name: 2015-11-03.14CVCP234Q.Daily_Report.doc

Facility # Name/ Location Type of Waste Solid Or Liquid	P Park NJ LLC Prospect Park, NJ 07508 Residential Clean Fill Solid		Hudson River Views Industrial Park 45 Holt Dr. Stony Point, NY		Evergreen Recycling 12710 Northern Blvd, Queens, NY				####### Clean Earth Carteret, NJ petroleum soils Solid	
(Trucks, Cu.Yds. Or Gallons)	Trucks	Cu. Yds.	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds.
Today	0	0	0	0	0	0			5	120
Total	26	650	148	4,736	27	486			25	600

NYC Clean Soil Bank		Receiving Facility: Flushing Meadows Lake – Meadow Lake Treatment Wetland			
Tracking No.:	15CCSB033				
Today	Trucks 0	Cu. Yds. 0	Total	Trucks 54	Cu. Yds. 990

Site Grid Map

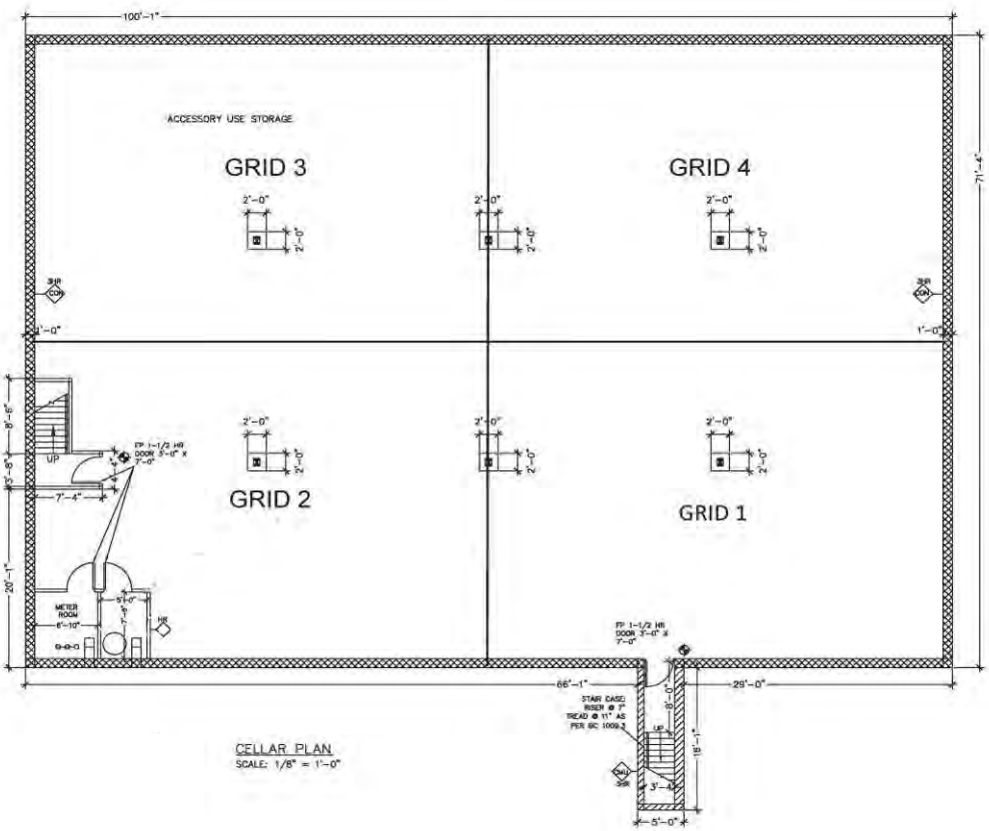


Photo Log

Photo 1 – View of the exterior of the building.	
Photo 2 –	
Photo 3 –	

DAILY STATUS REPORT

Prepared By: Lauren Fisher

WEATHER	Snow		Rain	x	Overcast		Partly Cloudy		Bright Sun	
TEMP.	< 32		32-50		50-70	x	70-85		>85	

VCP Project No.:	14CVCP234Q	E-Number Project No.:	14EH-N350Q	Date:	11/10/2015
Project Name:	102-14/102-16 Liberty Avenue, Queens				

Consultant: Phil Hoffken JR Holzmacher P.E., LLC	Safety Officer: Phil Hoffken JR Holzmacher P.E., LLC
General Contractor: Albert Babaev Long Lasting	Site Manager/ Supervisor: Albert Babaev Long Lasting
Work Activities Performed (Since Last Report): Site Inspection; Install electric and other interior needs.	
Working In Grid #: 1, 2, 3, and 4.	

Samples Collected (Since Last Report):
- None

Air Monitoring (Since Last Report):
- None

Problems Encountered:
- No problems encountered.

Planned Activities for the Next Day/ Week:
- Continue construction work

Example:

 File Name: 2015-11-10.14CVCP234Q.Daily_Report.doc

Facility # Name/ Location Type of Waste Solid Or Liquid	P Park NJ LLC Prospect Park, NJ 07508 Residential Clean Fill Solid		Hudson River Views Industrial Park 45 Holt Dr. Stony Point, NY		Evergreen Recycling 12710 Northern Blvd, Queens, NY				####### Clean Earth Carteret, NJ petroleum soils Solid	
(Trucks, Cu.Yds. Or Gallons)	Trucks	Cu. Yds.	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds.
Today	0	0	0	0	0	0			5	120
Total	26	650	148	4,736	27	486			25	600

NYC Clean Soil Bank		Receiving Facility: Flushing Meadows Lake – Meadow Lake Treatment Wetland			
Tracking No.:	15CCSB033				
Today	Trucks 0	Cu. Yds. 0	Total	Trucks 54	Cu. Yds. 990

Site Grid Map

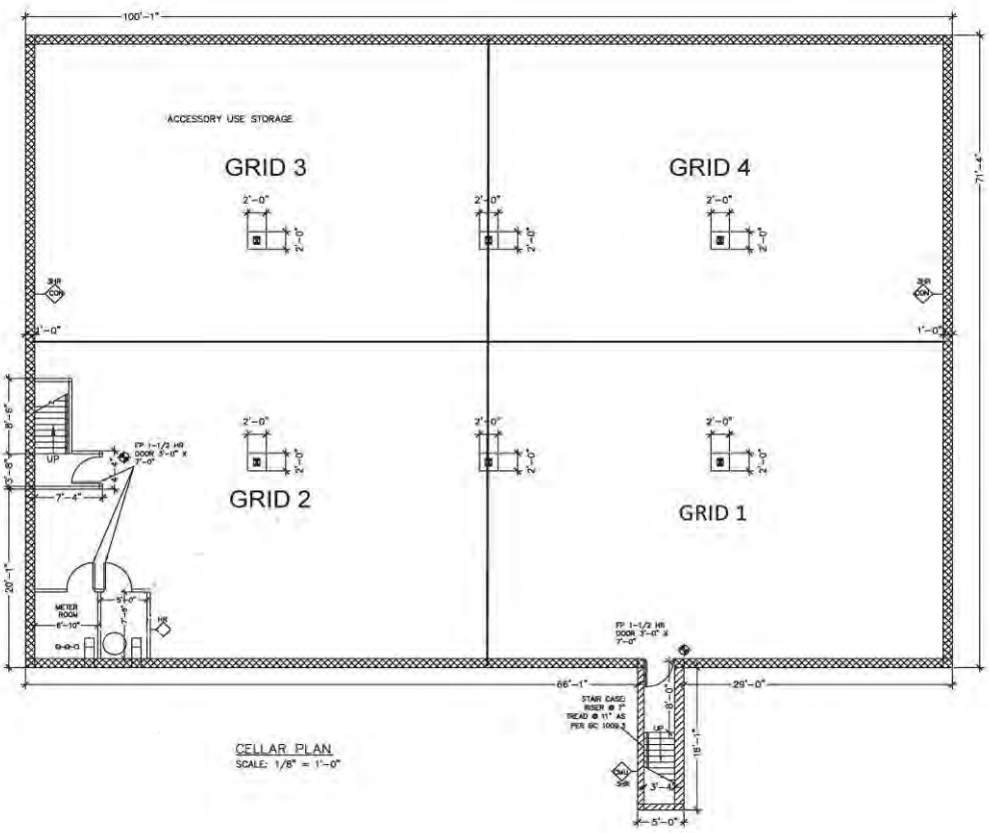


Photo Log

Photo 1 – Grid 3 & 4.	
Photo 2 – Grid 3 & 4.	
Photo 3 – Grid 3	

DAILY STATUS REPORT

Prepared By: Lauren Fisher

WEATHER	Snow		Rain	x	Overcast		Partly Cloudy		Bright Sun	
TEMP.	< 32		32-50		50-70	x	70-85		>85	

VCP Project No.:	14CVCP234Q	E-Number Project No.:	14EH-N350Q	Date:	11/12/2015
Project Name:	102-14/102-16 Liberty Avenue, Queens				

Consultant: Phil Hoffken JR Holzmacher P.E., LLC	Safety Officer: Phil Hoffken JR Holzmacher P.E., LLC
General Contractor: Albert Babaev Long Lasting	Site Manager/ Supervisor: Albert Babaev Long Lasting
Work Activities Performed (Since Last Report): Site Inspection; Inspect vapor barrier installation	
Working In Grid #: 1, 2, 3, and 4.	

Samples Collected (Since Last Report): - None
Air Monitoring (Since Last Report): - None
Problems Encountered: - No problems encountered.
Planned Activities for the Next Day/ Week: - Continue construction work

Example:

Facility # Name/ Location Type of Waste Solid Or Liquid	P Park NJ LLC Prospect Park, NJ 07508 Residential Clean Fill Solid		Hudson River Views Industrial Park 45 Holt Dr. Stony Point, NY		Evergreen Recycling 12710 Northern Blvd, Queens, NY				####### Clean Earth Carteret, NJ petroleum soils Solid	
(Trucks, Cu.Yds. Or Gallons)	Trucks	Cu. Yds.	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds. *Or* Gallons	Trucks	Cu. Yds.
Today	0	0	0	0	0	0			5	120
Total	26	650	148	4,736	27	486			25	600

NYC Clean Soil Bank		Receiving Facility: Flushing Meadows Lake – Meadow Lake Treatment Wetland			
Tracking No.:	15CCSB033				
Today	Trucks 0	Cu. Yds. 0	Total	Trucks 54	Cu. Yds. 990

Site Grid Map

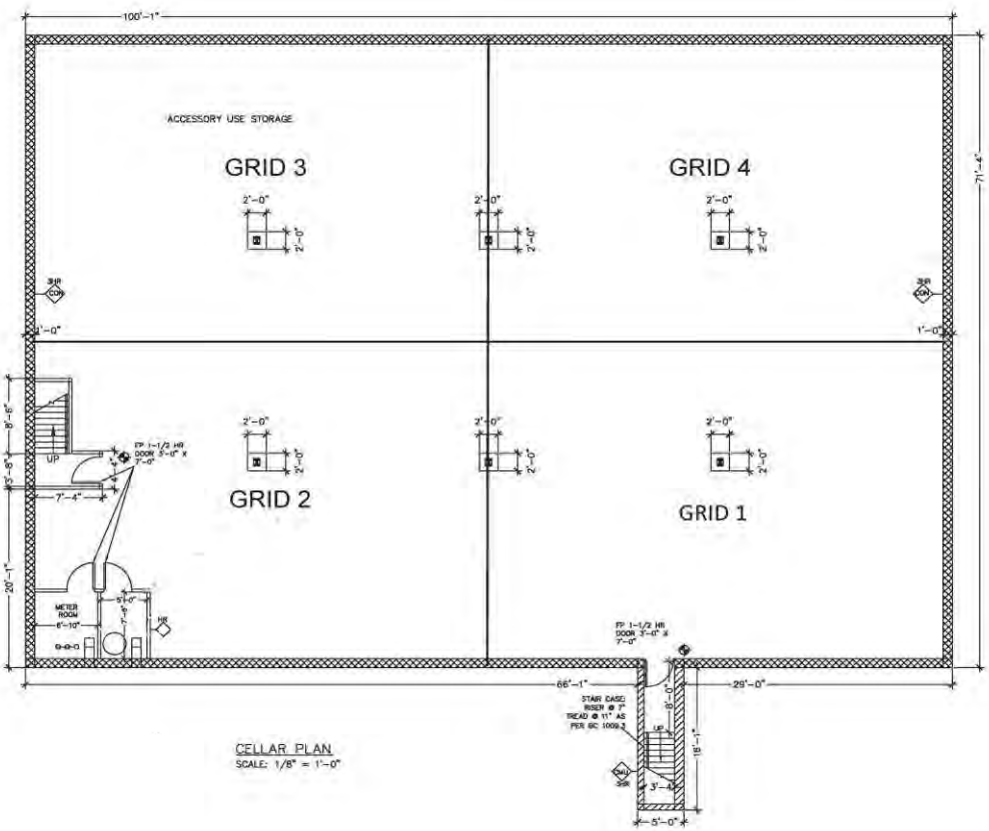
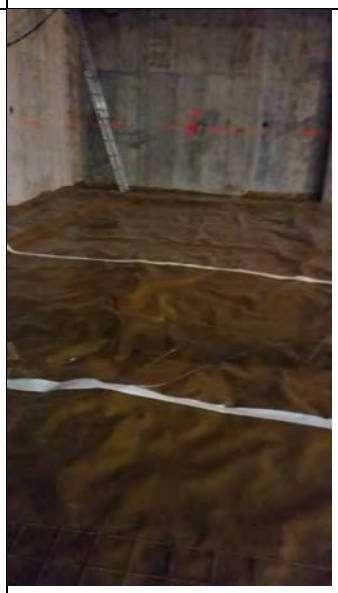


Photo Log

Photo 1 – Vapor Barrier Tape Strip.	
Photo 2 – Vapor barrier at foundation walls	
Photo 3 – Vapor barrier attaching to existing slab.	

APPENDIX D:
COMMUNITY AIR MONITORING RESULTS

102-14 102-16 Liberty Avenue
Queens, New York
OER#14CVPC234Q

PID & Dust Monitoring Logs
Weather:

****Note: PID and Dust monitoring to be completed every 15-minutes during construction as per approved RAWP.**

Monitoring Station	Monitoring Date	Monitoring Time	PID Readings (ppm)	Dust Particle Readings	Construction Notes
Station 1	5/5/2014	12:15	0.0	0.023	Excavation to collect waste
Station 2	5/5/2014	12:15	0.0	0.025	classification sample.
Station 3	5/5/2014	12:15	0.0	0.021	
Station 4	5/5/2014	12:15	0.0	0.024	
Station 1	5/5/2014	12:30	0.0	0.021	Backfill excavation hole.
Station 2	5/5/2014	12:30	0.0	0.022	
Station 3	5/5/2014	12:30	0.0	0.028	
Station 4	5/5/2014	12:30	0.0	0.023	
Station 1					
Station 2					
Station 3					
Station 4					
Station 1					
Station 2					
Station 3					
Station 4					
Station 1					
Station 2					
Station 3					
Station 4					
Station 1					
Station 2					
Station 3					
Station 4					
Station 1					
Station 2					
Station 3					
Station 4					
Station 1					
Station 2					
Station 3					
Station 4					

102-14 102-16 Liberty Avenue
Queens, New York
OER#14CVPC234Q

PID & Dust Monitoring Logs
Weather:

****Note: PID and Dust monitoring to be completed every 15-minutes during construction as per approved RAWP.**

Monitoring Station	Monitoring Date	Monitoring Time	PID Readings (ppm)	Dust Particle Readings	Construction Notes
Station 1	5/16/2014	8:20 - 8:23	0.0	0.023	Breaking and stockpiling
Station 2	5/16/2014		0.0	0.025	of asphalt
Station 3	5/16/2014		0.0	0.021	
Station 4	5/16/2014		0.0	0.024	
Station 1	5/16/2014	8:40 - 8:42	0.0	0.021	Breaking and stockpiling
Station 2	5/16/2014		0.0	0.022	of asphalt
Station 3	5/16/2014		0.0	0.028	
Station 4	5/16/2014		0.0	0.023	
Station 1	5/16/2014	9:00 - 9:04	0.0	0.031	Breaking and stockpiling
Station 2	5/16/2014		0.0	0.032	of asphalt
Station 3	5/16/2014		0.0	0.029	
Station 4	5/16/2014		0.0	0.035	
Station 1	5/16/2014	9:20 - 9:21	0.0	0.035	Breaking and stockpiling
Station 2	5/16/2014		0.0	0.029	of asphalt
Station 3	5/16/2014		0.0	0.034	
Station 4	5/16/2014		0.0	0.035	
Station 1	5/16/2014	9:35 - 9:38	0.0	0.049	Breaking and stockpiling
Station 2	5/16/2014		0.0	0.044	of asphalt
Station 3	5/16/2014		0.0	0.046	
Station 4	5/16/2014		0.0	0.042	
Station 1	5/16/2014	9:49 - 9:52	0.0	0.035	Breaking and stockpiling
Station 2	5/16/2014		0.0	0.039	of asphalt
Station 3	5/16/2014		0.0	0.034	
Station 4	5/16/2014		0.0	0.031	
Station 1	5/16/2014	9:10 - 9:13	0.0	0.052	Breaking and stockpiling
Station 2	5/16/2014		0.0	0.056	of asphalt
Station 3	5/16/2014		0.0	0.059	
Station 4	5/16/2014		0.0	0.054	
Station 1	5/16/2014	9:30 - 9:32	0.0	0.046	Breaking and stockpiling
Station 2	5/16/2014		0.0	0.054	of asphalt
Station 3	5/16/2014		0.0	0.039	
Station 4	5/16/2014		0.0	0.046	

102-14 102-16 Liberty Avenue
Queens, New York
OER#14CVPC234Q

Monitoring Station	Monitoring Date	Monitoring Time	PID Readings (ppm)	Dust Particle Readings	Construction Notes
Station 1	5/16/2014	9:48 - 9:51	0.0	0.046	Breaking and stockpiling
Station 2	5/16/2014		0.0	0.045	of asphalt
Station 3	5/16/2014		0.0	0.058	
Station 4	5/16/2014		0.0	0.051	
Station 1	5/16/2014	10:05 - 10:08	0.0	0.046	Breaking and stockpiling
Station 2	5/16/2014		0.0	0.049	of asphalt
Station 3	5/16/2014		0.0	0.043	
Station 4	5/16/2014		0.0	0.038	
Station 1	5/16/2014	10:25 - 10:28	0.0	0.061	Breaking and stockpiling
Station 2	5/16/2014		0.0	0.065	of asphalt
Station 3	5/16/2014		0.0	0.063	
Station 4	5/16/2014		0.0	0.058	
Station 1	5/16/2014	10:45 - 10:49	0.0	0.058	Breaking and stockpiling
Station 2	5/16/2014		0.0	0.065	of asphalt
Station 3	5/16/2014		0.0	0.054	
Station 4	5/16/2014		0.0	0.049	
Station 1	5/16/2014	11:03 - 11:05	0.0	0.058	Breaking and stockpiling
Station 2	5/16/2014		0.0	0.069	of asphalt
Station 3	5/16/2014		0.0	0.061	
Station 4	5/16/2014		0.0	0.057	
Station 1	5/16/2014	11:22 - 11:25	0.0	0.059	Breaking and stockpiling
Station 2	5/16/2014		0.0	0.048	of asphalt
Station 3	5/16/2014		0.0	0.043	
Station 4	5/16/2014		0.0	0.056	
Station 1	5/16/2014	11:43 - 11:45	0.0	0.054	Breaking and stockpiling
Station 2	5/16/2014		0.0	0.053	of asphalt
Station 3	5/16/2014		0.0	0.068	
Station 4	5/16/2014		0.0	0.083	
Station 1	5/16/2014	12:02 - 12:05	0.0	0.049	Breaking and stockpiling
Station 2	5/16/2014		0.0	0.046	of asphalt
Station 3	5/16/2014		0.0	0.053	
Station 4	5/16/2014		0.0	0.058	
Station 1	5/16/2014	13:12 - 13:15	0.0	0.046	Breaking and stockpiling
Station 2	5/16/2014		0.0	0.058	of asphalt
Station 3	5/16/2014		0.0	0.067	
Station 4	5/16/2014		0.0	0.053	

102-14 102-16 Liberty Avenue
Queens, New York
OER#14CVPC234Q

Monitoring Station	Monitoring Date	Monitoring Time	PID Readings (ppm)	Dust Particle Readings	Construction Notes
Station 1	5/16/2014	13:35 - 13:38	0.0	0.057	Breaking and stockpiling
Station 2	5/16/2014		0.0	0.053	of asphalt
Station 3	5/16/2014		0.0	0.049	
Station 4	5/16/2014		0.0	0.051	
Station 1	5/16/2014	13:50 - 13:53	0.0	0.059	Breaking and stockpiling
Station 2	5/16/2014		0.0	0.064	of asphalt
Station 3	5/16/2014		0.0	0.038	
Station 4	5/16/2014		0.0	0.043	
Station 1	5/16/2014	14:03 - 14:05	0.0	0.059	Breaking and stockpiling
Station 2	5/16/2014		0.0	0.083	of asphalt
Station 3	5/16/2014		0.0	0.064	
Station 4	5/16/2014		0.0	0.059	
Station 1	5/16/2014	14:24 - 14:26	0.0	0.049	Breaking and stockpiling
Station 2	5/16/2014		0.0	0.056	of asphalt
Station 3	5/16/2014		0.0	0.057	
Station 4	5/16/2014		0.0	0.05	

102-14 102-16 Liberty Avenue
Queens, New York
OER#14CVPC234Q

PID & Dust Monitoring Logs
Weather:

****Note: PID and Dust monitoring to be completed every 15-minutes during construction as per approved RAWP.**

Monitoring Station	Monitoring Date	Monitoring Time	PID Readings (ppm)	Dust Particle Readings	Construction Notes
Station 1	5/20/2014	8:20 - 8:23	0.0	0.061	Stockpiling of the sub base
Station 2	5/20/2014		0.0	0.069	stone
Station 3	5/20/2014		0.0	0.064	
Station 4	5/20/2014		0.0	0.059	
Station 1	5/20/2014	8:40 - 8:42	0.0	0.063	Stockpiling of the sub base
Station 2	5/20/2014		0.0	0.054	stone
Station 3	5/20/2014		0.0	0.057	
Station 4	5/20/2014		0.0	0.071	
Station 1	5/20/2014	9:00 - 9:04	0.0	0.076	Stockpiling of the sub base
Station 2	5/20/2014		0.0	0.059	stone
Station 3	5/20/2014		0.0	0.064	
Station 4	5/20/2014		0.0	0.058	
Station 1	5/20/2014	9:20 - 9:21	0.0	0.069	Stockpiling of the sub base
Station 2	5/20/2014		0.0	0.061	stone
Station 3	5/20/2014		0.0	0.082	
Station 4	5/20/2014		0.0	0.063	
Station 1	5/20/2014	9:35 - 9:38	0.0	0.094	Stockpiling of the sub base
Station 2	5/20/2014		0.0	0.059	stone
Station 3	5/20/2014		0.0	0.068	
Station 4	5/20/2014		0.0	0.055	
Station 1	5/20/2014	9:49 - 9:52	0.0	0.055	Stockpiling of the sub base
Station 2	5/20/2014		0.0	0.083	stone
Station 3	5/20/2014		0.0	0.079	
Station 4	5/20/2014		0.0	0.074	
Station 1	5/20/2014	9:10 - 9:13	0.0	0.076	Stockpiling of the sub base
Station 2	5/20/2014		0.0	0.089	stone
Station 3	5/20/2014		0.0	0.084	
Station 4	5/20/2014		0.0	0.070	
Station 1	5/20/2014	9:30 - 9:32	0.0	0.083	Stockpiling of the sub base
Station 2	5/20/2014		0.0	0.100	stone
Station 3	5/20/2014		0.0	0.076	
Station 4	5/20/2014		0.0	0.094	

102-14 102-16 Liberty Avenue
Queens, New York
OER#14CVPC234Q

Monitoring Station	Monitoring Date	Monitoring Time	PID Readings (ppm)	Dust Particle Readings	Construction Notes
Station 1	5/20/2014	9:48 - 9:51	0.0	0.094	Stockpiling of the sub base
Station 2	5/20/2014		0.0	0.093	stone
Station 3	5/20/2014		0.0	0.086	
Station 4	5/20/2014		0.0	0.074	
Station 1	5/20/2014	10:05 - 10:08	0.0	0.094	Stockpiling of the sub base
Station 2	5/20/2014		0.0	0.068	stone
Station 3	5/20/2014		0.0	0.094	
Station 4	5/20/2014		0.0	0.122	
Station 1	5/20/2014	10:25 - 10:28	0.0	0.089	Stockpiling of the sub base
Station 2	5/20/2014		0.0	0.091	stone
Station 3	5/20/2014		0.0	0.103	
Station 4	5/20/2014		0.0	0.76	
Station 1	5/20/2014	10:45 - 10:49	0.0	0.069	Stockpiling of the sub base
Station 2	5/20/2014		0.0	0.084	stone
Station 3	5/20/2014		0.0	0.075	
Station 4	5/20/2014		0.0	0.102	
Station 1	5/20/2014	11:03 - 11:05	0.0	0.099	Stockpiling of the sub base
Station 2	5/20/2014		0.0	0.106	stone
Station 3	5/20/2014		0.0	0.111	
Station 4	5/20/2014		0.0	0.104	
Station 1	5/20/2014	11:22 - 11:25	0.0	0.108	Stockpiling of the sub base
Station 2	5/20/2014		0.0	0.094	stone
Station 3	5/20/2014		0.0	0.088	
Station 4	5/20/2014		0.0	0.109	
Station 1	5/20/2014	11:43 - 11:45	0.0	0.111	Stockpiling of the sub base
Station 2	5/20/2014		0.0	0.104	stone
Station 3	5/20/2014		0.0	0.095	
Station 4	5/20/2014		0.0	0.085	
Station 1	5/20/2014	12:02 - 12:05	0.0	0.111	Stockpiling of the sub base
Station 2	5/20/2014		0.0	0.096	stone
Station 3	5/20/2014		0.0	0.087	
Station 4	5/20/2014		0.0	0.120	
Station 1	5/20/2014	13:12 - 13:15	0.0	0.123	Stockpiling of the sub base
Station 2	5/20/2014		0.0	0.114	stone
Station 3	5/20/2014		0.0	0.117	
Station 4	5/20/2014		0.0	0.199	

102-14 102-16 Liberty Avenue
Queens, New York
OER#14CVPC234Q

Monitoring Station	Monitoring Date	Monitoring Time	PID Readings (ppm)	Dust Particle Readings	Construction Notes
Station 1	5/20/2014	13:35 - 13:38	0.0	0.099	Stockpiling of the sub base
Station 2	5/20/2014		0.0	0.079	stone
Station 3	5/20/2014		0.0	0.123	
Station 4	5/20/2014		0.0	0.108	
Station 1	5/20/2014	13:50 - 13:53	0.0	0.117	Stockpiling of the sub base
Station 2	5/20/2014		0.0	0.108	stone
Station 3	5/20/2014		0.0	0.116	
Station 4	5/20/2014		0.0	0.096	
Station 1	5/20/2014	14:03 - 14:05	0.0	0.086	Stockpiling of the sub base
Station 2	5/20/2014		0.0	0.121	stone
Station 3	5/20/2014		0.0	0.095	
Station 4	5/20/2014		0.0	0.107	
Station 1	5/20/2014	14:24 - 14:26	0.0	0.123	Stockpiling of the sub base
Station 2	5/20/2014		0.0	0.128	stone
Station 3	5/20/2014		0.0	0.128	
Station 4	5/20/2014		0.0	0.104	
Station 1	5/20/2014	14:42 - 14:45	0.0	0.098	Stockpiling of the sub base
Station 2	5/20/2014		0.0	0.106	stone
Station 3	5/20/2014		0.0	0.087	
Station 4	5/20/2014		0.0	0.111	
Station 1	5/20/2014	15:05 - 1507	0.0	0.102	Stockpiling of the sub base
Station 2	5/20/2014		0.0	0.108	stone
Station 3	5/20/2014		0.0	0.089	
Station 4	5/20/2014		0.0	0.101	
Station 1	5/20/2014	15:22 - 15:23	0.0	0.109	Stockpiling of the sub base
Station 2	5/20/2014		0.0	0.104	stone
Station 3	5/20/2014		0.0	0.099	
Station 4	5/20/2014		0.0	0.087	

102-14 102-16 Liberty Avenue
Queens, New York
OER#14CVPC234Q

PID & Dust Monitoring Logs
Weather:

****Note: PID and Dust monitoring to be completed every 15-minutes during construction as per approved RAWP.**

Monitoring Station	Monitoring Date	Monitoring Time	PID Readings (ppm)	Dust Particle Readings	Construction Notes
Station 1	5/27/2014	7:00 - 7:03	0.0	0.094	Excavating and loading
Station 2	5/27/2014		0.0	0.083	trucks with material
Station 3	5/27/2014		0.0	0.079	
Station 4	5/27/2014		0.0	0.089	
Station 1	5/27/2014	7:25 - 7:26	0.0	0.079	Excavating and loading
Station 2	5/27/2014		0.0	0.086	trucks with material
Station 3	5/27/2014		0.0	0.089	
Station 4	5/27/2014		0.0	0.094	
Station 1	5/27/2014	7:40 - 7:43	0.0	0.094	Excavating and loading
Station 2	5/27/2014		0.0	0.093	trucks with material
Station 3	5/27/2014		0.0	0.097	
Station 4	5/27/2014		0.0	0.091	
Station 1	5/27/2014	7:59 - 8:01	0.0	0.086	Excavating and loading
Station 2	5/27/2014		0.0	0.094	trucks with material
Station 3	5/27/2014		0.0	0.079	
Station 4	5/27/2014		0.0	0.100	
Station 1	5/27/2014	8:24 - 8:26	0.0	0.108	Excavating and loading
Station 2	5/27/2014		0.0	0.094	trucks with material
Station 3	5/27/2014		0.0	0.093	
Station 4	5/27/2014		0.0	0.087	
Station 1	5/27/2014	8:45 - 8:47	0.0	0.087	Excavating and loading
Station 2	5/27/2014		0.0	0.073	trucks with material
Station 3	5/27/2014		0.0	0.091	
Station 4	5/27/2014		0.0	0.086	
Station 1	5/27/2014	9:01 - 9:06	0.0	0.073	Excavating and loading
Station 2	5/27/2014		0.0	0.069	trucks with material
Station 3	5/27/2014		0.0	0.091	
Station 4	5/27/2014		0.0	0.100	
Station 1	5/27/2014	9:15 - 9:17	0.0	0.121	Excavating and loading
Station 2	5/27/2014		0.0	0.109	trucks with material
Station 3	5/27/2014		0.0	0.113	
Station 4	5/27/2014		0.0	0.115	

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Monitoring Station	Monitoring Date	Monitoring Time	PID Readings (ppm)	Dust Particle Readings	Construction Notes
Station 1	5/27/2014	9:33 - 9:35	0.0	0.098	Excavating and loading
Station 2	5/27/2014		0.0	0.123	trucks with material
Station 3	5/27/2014		0.0	0.118	
Station 4	5/27/2014		0.0	0.114	
Station 1	5/27/2014	9:49 - 9:53	0.0	0.103	Excavating and loading
Station 2	5/27/2014		0.0	0.119	trucks with material
Station 3	5/27/2014		0.0	0.114	
Station 4	5/27/2014		0.0	0.105	
Station 1	5/27/2014	10:14 - 10:17	0.0	0.089	Excavating and loading
Station 2	5/27/2014		0.0	0.123	trucks with material
Station 3	5/27/2014		0.0	0.096	Last truck. Reading stopped
Station 4	5/27/2014		0.0	0.111	until trucks came back
Station 1	5/27/2014	10:36 - 10:38	0.0	0.111	Excavating and loading
Station 2	5/27/2014		0.0	0.105	trucks with material
Station 3	5/27/2014		0.0	0.109	
Station 4	5/27/2014		0.0	0.124	
Station 1	5/27/2014	10:49 - 10:52	0.0	0.087	Excavating and loading
Station 2	5/27/2014		0.0	0.105	trucks with material
Station 3	5/27/2014		0.0	0.108	
Station 4	5/27/2014		0.0	0.111	
Station 1	5/27/2014	11:09 - 11:10	0.0	0.115	Excavating and loading
Station 2	5/27/2014		0.0	0.126	trucks with material
Station 3	5/27/2014		0.0	0.114	Stopped stockpiling soil
Station 4	5/27/2014		0.0	0.115	waiting for truck to return
Station 1	5/27/2014	12:51 - 12:53	0.0	0.123	Excavating and loading
Station 2	5/27/2014		0.0	0.127	trucks with material
Station 3	5/27/2014		0.0	0.119	
Station 4	5/27/2014		0.0	0.120	
Station 1	5/27/2014	13:11 - 13:14	0.0	0.125	Excavating and loading
Station 2	5/27/2014		0.0	0.131	trucks with material
Station 3	5/27/2014		0.0	0.112	
Station 4	5/27/2014		0.0	0.099	
Station 1	5/27/2014	13:35 - 13:38	0.0	0.115	Excavating and loading
Station 2	5/27/2014		0.0	0.131	trucks with material
Station 3	5/27/2014		0.0	0.124	
Station 4	5/27/2014		0.0	0.104	

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Monitoring Station	Monitoring Date	Monitoring Time	PID Readings (ppm)	Dust Particle Readings	Construction Notes
Station 1	5/27/2014	13:48 - 13:51	0.0	0.109	Excavating and loading
Station 2	5/27/2014		0.0	0.121	trucks with material
Station 3	5/27/2014		0.0	0.117	
Station 4	5/27/2014		0.0	0.113	
Station 1	5/27/2014	14:10 - 14:12	0.0	0.123	Excavating and loading
Station 2	5/27/2014		0.0	0.124	trucks with material
Station 3	5/27/2014		0.0	0.097	
Station 4	5/27/2014		0.0	0.081	
Station 1	5/27/2014	14:30 - 14:33	0.0	0.091	Excavating and loading
Station 2	5/27/2014		0.0	0.099	trucks with material
Station 3	5/27/2014		0.0	0.135	Last truck
Station 4	5/27/2014		0.0	0.121	

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PID & Dust Monitoring Logs
Weather:

****Note: PID and Dust monitoring to be completed every 15-minutes during construction as per approved RAWP.**

Monitoring Station	Monitoring Date	Monitoring Time	PID Readings (ppm)	Dust Particle Readings	Construction Notes
Station 1	5/30/2014	6:55 - 6:58	0.0	0.079	Excavating and loading
Station 2	5/30/2014		0.0	0.073	trucks with material
Station 3	5/30/2014		0.0	0.086	
Station 4	5/30/2014		0.0	0.091	
Station 1	5/30/2014	7:13 - 7:16	0.0	0.126	Excavating and loading
Station 2	5/30/2014		0.0	0.149	trucks with material
Station 3	5/30/2014		0.0	0.136	
Station 4	5/30/2014		0.0	0.139	
Station 1	5/30/2014	7:36 - 7:39	0.0	1.149	Excavating and loading
Station 2	5/30/2014		0.0	0.167	trucks with material
Station 3	5/30/2014		0.0	0.153	
Station 4	5/30/2014		0.0	0.148	
Station 1	5/30/2014	7:55 - 7:58	0.0	0.129	Excavating and loading
Station 2	5/30/2014		0.0	0.138	trucks with material
Station 3	5/30/2014		0.0	0.131	
Station 4	5/30/2014		0.0	0.150	
Station 1	5/30/2014	8:12 - 8:15	0.0	0.146	Excavating and loading
Station 2	5/30/2014		0.0	0.141	trucks with material
Station 3	5/30/2014		0.0	0.137	
Station 4	5/30/2014		0.0	0.145	
Station 1	5/30/2014	8:28 - 8:31	0.0	0.159	Excavating and loading
Station 2	5/30/2014		0.0	0.146	trucks with material
Station 3	5/30/2014		0.0	0.153	
Station 4	5/30/2014		0.0	0.164	
Station 1	5/30/2014	8:46 - 8:49	0.0	0.137	Excavating and loading
Station 2	5/30/2014		0.0	0.151	trucks with material
Station 3	5/30/2014		0.0	0.149	
Station 4	5/30/2014		0.0	0.139	
Station 1	5/30/2014	9:02 - 9:05	0.0	0.159	Excavating and loading
Station 2	5/30/2014		0.0	0.164	trucks with material
Station 3	5/30/2014		0.0	0.152	
Station 4	5/30/2014		0.0	0.159	

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Monitoring Station	Monitoring Date	Monitoring Time	PID Readings (ppm)	Dust Particle Readings	Construction Notes
Station 1	5/30/2014	9:24 - 9:26	0.0	0.159	Excavating and loading
Station 2	5/30/2014		0.0	0.146	trucks with material
Station 3	5/30/2014		0.0	0.154	
Station 4	5/30/2014		0.0	0.149	
Station 1	5/30/2014	9:39 - 9:41	0.0	0.135	Excavating and loading
Station 2	5/30/2014		0.0	0.139	trucks with material
Station 3	5/30/2014		0.0	0.145	last truck, waiting for their
Station 4	5/30/2014		0.0	0.143	return trip
Station 1	5/30/2014	11:48 - 11:53	0.0	0.129	Excavating and loading
Station 2	5/30/2014		0.0	0.124	trucks with material
Station 3	5/30/2014		0.0	0.128	
Station 4	5/30/2014		0.0	0.134	
Station 1	5/30/2014	12:09 - 12:12	0.0	0.139	Excavating and loading
Station 2	5/30/2014		0.0	0.167	trucks with material
Station 3	5/30/2014		0.0	0.156	
Station 4	5/30/2014		0.0	0.159	
Station 1	5/30/2014	12:30 - 12:33	0.0	0.149	Excavating and loading
Station 2	5/30/2014		0.0	0.143	trucks with material
Station 3	5/30/2014		0.0	0.147	
Station 4	5/30/2014		0.0	0.145	
Station 1	5/30/2014	12:46 - 12:49	0.0	0.135	Excavating and loading
Station 2	5/30/2014		0.0	0.133	trucks with material
Station 3	5/30/2014		0.0	0.139	
Station 4	5/30/2014		0.0	0.134	
Station 1	5/30/2014	13:03 - 13:04	0.0	0.159	Excavating and loading
Station 2	5/30/2014		0.0	0.154	trucks with material
Station 3	5/30/2014		0.0	0.164	
Station 4	5/30/2014		0.0	0.138	
Station 1	5/30/2014	13:19 - 13:21	0.0	0.149	Excavating and loading
Station 2	5/30/2014		0.0	0.158	trucks with material
Station 3	5/30/2014		0.0	0.154	
Station 4	5/30/2014		0.0	0.159	
Station 1	5/30/2014	13:40 - 13:52	0.0	0.164	Excavating and loading
Station 2	5/30/2014		0.0	0.163	trucks with material
Station 3	5/30/2014		0.0	0.168	Last truck
Station 4	5/30/2014		0.0	0.161	

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PID & Dust Monitoring Logs
Weather:

****Note: PID and Dust monitoring to be completed every 15-minutes during construction as per approved RAWP.**

Monitoring Station	Monitoring Date	Monitoring Time	PID Readings (ppm)	Dust Particle Readings	Construction Notes
Station 1	5/30/2014	6:55 - 6:58	0.0		Excavating and loading
Station 2	5/30/2014		0.0		trucks with material
Station 3	5/30/2014		0.0		
Station 4	5/30/2014		0.0		
Station 1	5/30/2014	7:13 - 7:16	0.0		Excavating and loading
Station 2	5/30/2014		0.0		trucks with material
Station 3	5/30/2014		0.0		
Station 4	5/30/2014		0.0		
Station 1	5/30/2014	7:36 - 7:39	0.0		Excavating and loading
Station 2	5/30/2014		0.0		trucks with material
Station 3	5/30/2014		0.0		
Station 4	5/30/2014		0.0		
Station 1	5/30/2014	7:55 - 7:58	0.0		Excavating and loading
Station 2	5/30/2014		0.0		trucks with material
Station 3	5/30/2014		0.0		
Station 4	5/30/2014		0.0		
Station 1	5/30/2014	8:12 - 8:15	0.0		Excavating and loading
Station 2	5/30/2014		0.0		trucks with material
Station 3	5/30/2014		0.0		
Station 4	5/30/2014		0.0		
Station 1	5/30/2014	8:28 - 8:31	0.0		Excavating and loading
Station 2	5/30/2014		0.0		trucks with material
Station 3	5/30/2014		0.0		
Station 4	5/30/2014		0.0		
Station 1	5/30/2014	8:46 - 8:49	0.0		Excavating and loading
Station 2	5/30/2014		0.0		trucks with material
Station 3	5/30/2014		0.0		
Station 4	5/30/2014		0.0		
Station 1	5/30/2014	9:02 - 9:05	0.0		Excavating and loading
Station 2	5/30/2014		0.0		trucks with material
Station 3	5/30/2014		0.0		
Station 4	5/30/2014		0.0		

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Monitoring Station	Monitoring Date	Monitoring Time	PID Readings (ppm)	Dust Particle Readings	Construction Notes
Station 1	5/30/2014	9:24 - 9:26	0.0		Excavating and loading
Station 2	5/30/2014		0.0		trucks with material
Station 3	5/30/2014		0.0		
Station 4	5/30/2014		0.0		
Station 1	5/30/2014	9:39 - 9:41	0.0		Excavating and loading
Station 2	5/30/2014		0.0		trucks with material
Station 3	5/30/2014		0.0		last truck, waiting for their
Station 4	5/30/2014		0.0		return trip
Station 1	5/30/2014	11:48 - 11:53	0.0		Excavating and loading
Station 2	5/30/2014		0.0		trucks with material
Station 3	5/30/2014		0.0		
Station 4	5/30/2014		0.0		
Station 1	5/30/2014	12:09 - 12:12	0.0		Excavating and loading
Station 2	5/30/2014		0.0		trucks with material
Station 3	5/30/2014		0.0		
Station 4	5/30/2014		0.0		
Station 1	5/30/2014	12:30 - 12:33	0.0		Excavating and loading
Station 2	5/30/2014		0.0		trucks with material
Station 3	5/30/2014		0.0		
Station 4	5/30/2014		0.0		
Station 1	5/30/2014	12:46 - 12:49	0.0		Excavating and loading
Station 2	5/30/2014		0.0		trucks with material
Station 3	5/30/2014		0.0		
Station 4	5/30/2014		0.0		
Station 1	5/30/2014	13:03 - 13:04	0.0		Excavating and loading
Station 2	5/30/2014		0.0		trucks with material
Station 3	5/30/2014		0.0		
Station 4	5/30/2014		0.0		
Station 1	5/30/2014	13:19 - 13:21	0.0		Excavating and loading
Station 2	5/30/2014		0.0		trucks with material
Station 3	5/30/2014		0.0		
Station 4	5/30/2014		0.0		
Station 1	5/30/2014	13:40 - 13:52	0.0		Excavating and loading
Station 2	5/30/2014		0.0		trucks with material
Station 3	5/30/2014		0.0		Last truck
Station 4	5/30/2014		0.0		

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PID & Dust Monitoring Logs
Weather:

****Note: PID and Dust monitoring to be completed every 15-minutes during construction as per approved RAWP.**

Monitoring Station	Monitoring Date	Monitoring Time	PID Readings (ppm)	Dust Particle Readings	Construction Notes
Station 1	5/30/2014	6:55 - 6:58	0.0		Excavating and loading
Station 2	5/30/2014		0.0		trucks with material
Station 3	5/30/2014		0.0		
Station 4	5/30/2014		0.0		
Station 1	5/30/2014	7:13 - 7:16	0.0		Excavating and loading
Station 2	5/30/2014		0.0		trucks with material
Station 3	5/30/2014		0.0		
Station 4	5/30/2014		0.0		
Station 1	5/30/2014	7:36 - 7:39	0.0		Excavating and loading
Station 2	5/30/2014		0.0		trucks with material
Station 3	5/30/2014		0.0		
Station 4	5/30/2014		0.0		
Station 1	5/30/2014	7:55 - 7:58	0.0		Excavating and loading
Station 2	5/30/2014		0.0		trucks with material
Station 3	5/30/2014		0.0		
Station 4	5/30/2014		0.0		
Station 1	5/30/2014	8:12 - 8:15	0.0		Excavating and loading
Station 2	5/30/2014		0.0		trucks with material
Station 3	5/30/2014		0.0		
Station 4	5/30/2014		0.0		
Station 1	5/30/2014	8:28 - 8:31	0.0		Excavating and loading
Station 2	5/30/2014		0.0		trucks with material
Station 3	5/30/2014		0.0		
Station 4	5/30/2014		0.0		
Station 1	5/30/2014	8:46 - 8:49	0.0		Excavating and loading
Station 2	5/30/2014		0.0		trucks with material
Station 3	5/30/2014		0.0		
Station 4	5/30/2014		0.0		
Station 1	5/30/2014	9:02 - 9:05	0.0		Excavating and loading
Station 2	5/30/2014		0.0		trucks with material
Station 3	5/30/2014		0.0		
Station 4	5/30/2014		0.0		

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Queens, New York
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Monitoring Station	Monitoring Date	Monitoring Time	PID Readings (ppm)	Dust Particle Readings	Construction Notes
Station 1	5/30/2014	9:24 - 9:26	0.0		Excavating and loading
Station 2	5/30/2014		0.0		trucks with material
Station 3	5/30/2014		0.0		
Station 4	5/30/2014		0.0		
Station 1	5/30/2014	9:39 - 9:41	0.0		Excavating and loading
Station 2	5/30/2014		0.0		trucks with material
Station 3	5/30/2014		0.0		last truck, waiting for their
Station 4	5/30/2014		0.0		return trip
Station 1	5/30/2014	11:48 - 11:53	0.0		Excavating and loading
Station 2	5/30/2014		0.0		trucks with material
Station 3	5/30/2014		0.0		
Station 4	5/30/2014		0.0		
Station 1	5/30/2014	12:09 - 12:12	0.0		Excavating and loading
Station 2	5/30/2014		0.0		trucks with material
Station 3	5/30/2014		0.0		
Station 4	5/30/2014		0.0		
Station 1	5/30/2014	12:30 - 12:33	0.0		Excavating and loading
Station 2	5/30/2014		0.0		trucks with material
Station 3	5/30/2014		0.0		
Station 4	5/30/2014		0.0		
Station 1	5/30/2014	12:46 - 12:49	0.0		Excavating and loading
Station 2	5/30/2014		0.0		trucks with material
Station 3	5/30/2014		0.0		
Station 4	5/30/2014		0.0		
Station 1	5/30/2014	13:03 - 13:04	0.0		Excavating and loading
Station 2	5/30/2014		0.0		trucks with material
Station 3	5/30/2014		0.0		
Station 4	5/30/2014		0.0		
Station 1	5/30/2014	13:19 - 13:21	0.0		Excavating and loading
Station 2	5/30/2014		0.0		trucks with material
Station 3	5/30/2014		0.0		
Station 4	5/30/2014		0.0		
Station 1	5/30/2014	13:40 - 13:52	0.0		Excavating and loading
Station 2	5/30/2014		0.0		trucks with material
Station 3	5/30/2014		0.0		Last truck
Station 4	5/30/2014		0.0		

APPENDIX E:
PHOTOGRAPHS OF REMEDIAL ACTION

Photo 1 – Contractor erecting construction fence.

Photo 2 – Ripping up asphalt at the site.

Photo 3 – Contractor using skid steer to pile up asphalt and remove subbase at the site.

Photo 4 – Excavating grids 1 and 2 for the cellar.

Photo 5 – Loading a truck for Park with metal impacted soil.

Photo 6 – Extending cellar into grid 2 to remove remaining metals impacted soil.

Photo 7 – Creating a stockpile at the site to continue support of excavation activities.

Photo 8 – View of grids 3 and 4, native soils.

Photo 9 - View of material getting loaded into the back of trailer.

Photo 10 – View of the site during excavation.

Photo 11 – View of material going to the Clean Soil Bank.

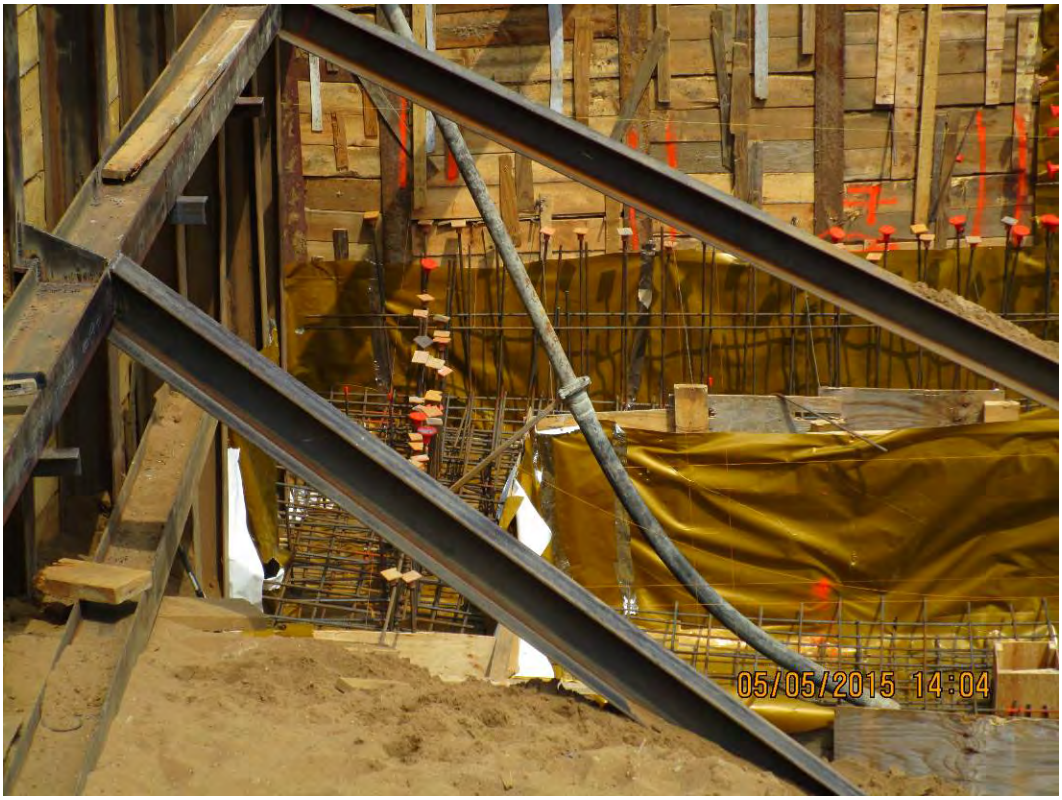

Photo 12 – View of the vapor barrier in the elevator pit prior to concrete pouring.

Photo 13 – Close up view of a taped seem in the elevator pit.

Photo 14 – Contractor working on set-back and laying down rebar over vapor barrier.

Photo 15 – View of vapor barrier laid down the back of foundation wall, with appropriately taped seem.

Photo 16 – View of setback slab with vapor barrier over lapping foundation wall vapor barrier, waiting to be taped.

Photo 17- View of vapor barrier with rebar and concrete being poured for footing in foundation wall.

Photo 18 – Applying vapor against wood lagging.

Photo 19 – View of the cellar floor waiting to be constructed.

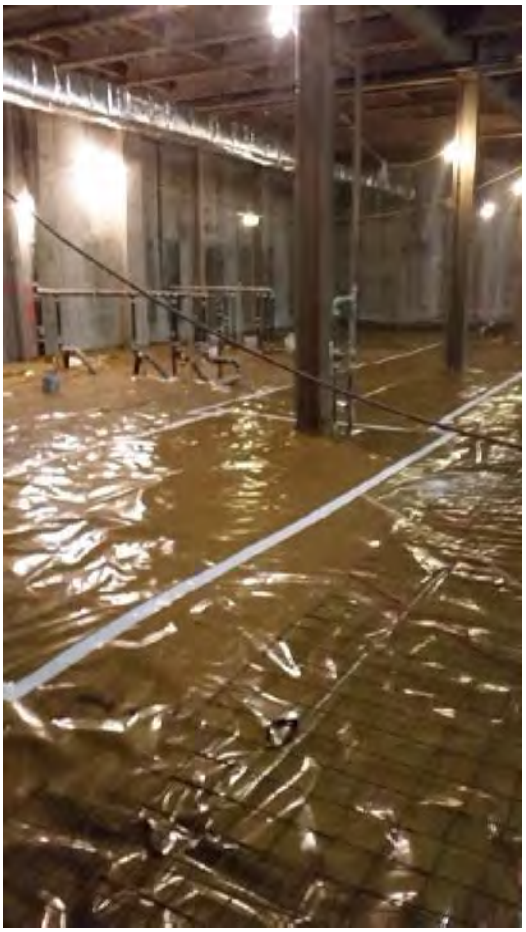

Photo 20 – View of vapor barrier below rebar. Seems are tape with appropriate 4" tape.

APPENDIX F:
DISPOSAL FACILITY APPROVAL AND APPROVAL LETTERS

P Park NJ
100 Planten Ave.
Prospect Park, NJ 07508

5/22/2014

Jim Van Horn
Innovative Recycling Technologies, Inc.
690 North Queens Avenue
Lindonhurst, NY 11757

Re: Liberty Square in Ozone Park
102-14 Liberty Avenue
Ozone Park, NY 11417

Dear Jim,

P Park NJ, LLC (P Park) has prepared this Approval Letter for Innovative Recycling Technologies, Inc. (IRT) with regards to material from the above-referenced site. P Park has reviewed the laboratory data you provided and compared it with our current protocols for acceptance. The analytical results were reviewed for the purposes of determining if the material on the subject site is acceptable for placement at P Park located in Prospect Park, NJ.

The analytical results provided support that material from specific portions of the site meet P Park's Clean Fill Protocol. All the analytical results provided, were reviewed and compared to the NJDEP Remediation Standards for Residential Direct Contact Soil Cleanup Criteria and several areas were found to be below the standards. This approval is based solely upon the information provided on this application and the following documents submitted with this application:

- American Analytical Laboratories analytical data report #1405021 (5/19/2014).
- Summary data tables,

The applicant warrants that the material proposed for shipment to P Park is in fact, the same material which was tested and is represented by the sample results provided with this application. Furthermore, it is our understanding that material encountered within the scope of the Liberty Square in Ozone Park project which does not meet P Park NJ, LLC's protocol will be sent to a separate disposal facility permitted to take the material. IRT further warrants that a proper QA/QC plan will be in place during the excavation and loading of the material to ensure that only approved soils are sent to the P Park facility.

The material approved for import into P Park is identified in the provided data as:

- **Sample ID #1405021-001A**
- **Sample ID #1405021-001B**

The total material approval is for 600 tons.

P Park NJ LLC's compliance engineers, WCD Consultants reviewed all analytical data and site background information and determined the material profiled meets our current acceptance criteria for approval and placement into the facility. Based upon our review, the results and application have been accepted and given the WCD approval # PPNJ-051914-0142 and P Park has issued the project #14-280

All deliveries **must** be scheduled in advance with Lori Ripp via email at lripp@pparknj.com .

Please contact me if you have any questions.

Sincerely,

Gary Roth
General Manager
P. Park NJ, LLC

Hudson River Views Warehousing Permitted Construction and Demolition Debris Recycling Facility

45 Holt Drive
Stony Point, New York 10980
NYSDEC Registration # 44W13
NYSDEC Permit ID #3-3928-00181/00001
Beneficial Use Determination # 1085-3-44
Owned and Operated by MBC Contractors, Inc.

Mr. James Van Horn September 2, 2014
Innovative Recycling Technologies, Inc.
690 North Queens Ave.
Lindenhurst, NY 11757

RE: Material Acceptance
102-14/16 Liberty Ave
Lot 4/5, Block 9523
Queens, NY

Mr. Van Horn,

The purpose of this letter is to advise you and concerned parties that materials (rock, concrete, and soil) being generated by construction activities at the subject site can be transported to the Hudson River Views Warehousing Facility ("HRVW") for recycling and beneficial use. HRVIP is approved by the New York State Department of Environmental Conservation to accept regulated waste from the subject site. HRVW cannot accept waste that contains coal, coal tar, coal ash, municipal solid waste ash, wood, high percentage clay soils and high percentage organic soils.

The acceptance of materials from the subject site is based on the following:

1. Visual inspection of materials prior export, by Taylord Environment, Inc. or assigned Qualified Environmental Professional, materials must conform with the criteria of NYCRR 360-16.1(d)(l)(i).
2. Sampling of materials slated for export to HRVW for PAH by EPA Method 8270 (modified for CP-51 Compounds) and RCRA 8 Metals, at a frequency of every 1,500 cubic yards.
3. Receipt and review of soil sample data collected by J.R. Holzmacher. The following represeative soil samples were reviewed; American Analytical Laboratory # 1401119, 1401124, 1405021.
4. The scrutiny of exported materials by representatives of Taylord Environment, Inc, August 28, 2014.
5. Our determination that the material, although a "regulated waste" from the standpoint of the NYC Voluntary Cleanup Program, complies with the screening criteria in the NYSDEC approved Waste Control Plan for our facility

Additional characterization samples and site inspections will be required throughout the duration of the project.

HRVW is capable of accepting 10,000 cubic yards of material from the subject site, however, HRVW will not guaranty or insure acceptance of the total quantity. Circumstances within the control of the facility or outside the control of the facility may limit the quantity that HRVIP is able and/or willing to accept from this project. All material accepted from this project **must**

conform to specifications outlined in the waste control plan. Any materials received from the subject site, that do not conform to the specifications outlined in the waste control plan will be removed from HRVIP at the expense of the generator and/or the disposal contractor.

Sincerely,

Scott Taylor
HRVIP Environmental Scientist/Site Monitor

CC: MBC Contractors, Inc.

GENERATOR CERTIFICATION

I certify that the waste represented by this profile is not a listed hazardous waste, nor does it contain a listed hazardous waste, nor does it exhibit any characteristics of a hazardous waste as defined by 40 CFR 261. I certify that the waste represented by this profile does not contain a chemical or nuisance odor. (Dump Facility) MLP does not accept waste containing a chemical or nuisance odor. I certify that the waste represented in this profile is free of municipal solid waste (plastic, garbage, steel, tires) and debris including wood. (Dump Facility) MLP does not accept waste containing municipal solid waste and debris including wood. I certify that this waste profile and all attachments contain true and accurate descriptions of the waste material. I certify that all relevant information in possession of the Generator pertaining to known or suspected hazards with regard to the waste has been disclosed to (Dump Facility) MLP. I certify that the analytical data attached hereto are derived from testing representative sample(s) as referenced in 40 CFR 261.20 or an equivalent state regulatory provision. The undersigned has determined the non-hazardous status of the said waste in accordance with 40 CFR 261.11. Should, at any time after delivery, the material accepted by (Dump Facility) MLP be found to be non-conforming to the information certified in this profile and represented by documentation attached hereto, it becomes the responsibility of the Generator/Agent to remove the waste from the (Dump Facility) MLP within five (5) days of notification. Notification is to be verbal followed by written notification, overnight receipted. It is the Generator's/ Agent's responsibility to abide by all Federal, State and Local regulations associated with the removal of their waste. If the waste is not removed within the specified time period, said disposal shall be arranged by a (Dump Facility) MLP representative and billed to the Generator/Agent at cost plus basis. Furthermore, the Generator/Agent will be responsible for any and all cost for decontamination required by the (Dump Facility) MLP that is related to the Generator's/Agent's material and all liability for such nonconforming waste shall revert to Generator/Agent.

Meadow Lake Park = MLP

I, the undersigned, am the generator or a properly authorized agent for the generator. By signing below I certify that I have been granted the authority to execute this document.

Joseph Yuvatana
Print Name

Liberty Sq at Ozark Place LLC
Company Name

Member
Title

Joseph Yuvatana
Signature

12/10/14
Date

NON HAZARDOUS
PROFILE SHEET

GENERATOR INFORMATION:

Generator Name	Joseph Kunatanov	Generator Contact	
Address	70-13 Austin St	Phone 917	318-7812
City	Forest Hills	Fax	
State/Zip	NY 11375	Email	

SITE INFORMATION:

Site Name	Liberty SQ	Site Contact	
Address	102-16 Liberty Ave	Phone	917-318-7812
City	Ozone Park	Fax	
State/Zip	NY	Email	

BILLING INFORMATION:

Customer Name	Same	Customer Contact	
Address		Phone	Same
City		Fax	
State/Zip		Email	

WASTE INFORMATION:

Description of Waste: Sand

Composition of Waste (as a percent of the whole):

	% Rock		% Moisture
	% Brick		% Ashphalt
	% Soil		% Concrete
		94	% Sand

Estimated Quantity of Waste in Cubic Yards:

Process Generating Waste:

Provide a site history detailing past and present land uses including any activities related to contaminants of concern (attach a separate sheet if necessary):

vacant lot from 1901-1988
used auto sales from 1990-2006
vacant lot from 2006-present

NYC CLEAN SOIL BANK

WAIVER AND RELEASE OF LIABILITY AND INDEMNIFICATION

THE GENERATOR OR RECIPIENT LISTED BELOW AGREES AS A CONDITION TO ITS PARTICIPATION IN THE NYC CLEAN SOIL BANK PROGRAM, THAT:

1. NYC Clean Soil Bank. The NYC Clean Soil Bank is a program administered by the Office of Environmental Remediation ("OER") of the City of New York ("City") to facilitate the exchange of clean soil between parties that generate such soil ("Generators") and parties that require such soil ("Recipients"). Generators and Recipients, or third parties acting on their behalf, may submit to OER information relating to, in the case of Generators, the availability of clean soil generated by them and, in the case of Recipients, their requirements for clean soil. If a Generator and/or Recipient is found by OER to qualify for the Clean Soil Bank program, their information will be made available to the public, including Generators and Recipients, and OER will provide assistance, at its sole discretion, in matching Generators with Recipients to facilitate the transfer of clean soil.

2. Generator and Recipient Information.

(a) Information provided by a Generator, or a third party acting on its behalf, in connection with the Clean Soil Bank program ("Generator Information") includes but is not limited to: (i) all information relating to soil generated by the Generator, such as the analytical data, characteristics, condition, quality, source, suitability, use, and/or quantity of soil generated, including all information in any forms completed by the Generator and submitted to OER; (ii) all information relating to a Generator's intended or actual transfer of soil to a Recipient, and any other information or advice offered or exchanged in connection with the Clean Soil Bank program; and (iii) any written or oral representations by a Generator, or a third party acting on its behalf, relating to the information described in (a)(i) or (a)(ii) above, or relating to the conduct of the Generator's business and/or its compliance with applicable law.

(b) Information provided by a Recipient, or a third party acting on its behalf, in connection with the Clean Soil Bank program ("Recipient Information") includes but is not limited to: (i) all information relating to soil required by the Recipient, such as the analytical data, characteristics, condition, quality, source, suitability, use, and/or quantity of soil required and the intended uses of such soil, including all information in any forms completed by the Recipient and submitted to OER; (ii) all information relating to a Recipient's intended or actual acquisition of soil from a Generator, and any other information or advice offered or exchanged in connection with the Clean Soil Bank program; and (iii) any written or oral representations by a Recipient, or a third party acting on its behalf, relating to the information described in (b)(i) and (b)(ii) above, or relating to the conduct of the Recipient's business and/or its compliance with applicable law.

3. Assumption of the Risk. Your access to, use of, and/or reliance on any Generator Information or Recipient Information, the Clean Soil Bank program, and any written or oral representations, action or inaction, on the part of the City is entirely at your own risk. You will not rely in any way on the City but only on yourself including your own due diligence concerning all relevant matters. In addition, if you are a Recipient, due diligence includes taking all reasonable steps to satisfy yourself that the soil from a particular Generator is clean, including but not limited to, obtaining any publicly available information relating to the relevant site(s), inspecting, screening and/or testing the soil, and contacting the Generator directly to obtain relevant information.

4. City Disclaimer. The City makes no representations and warranties, express or implied, as to the following:

(a) the accuracy or completeness of any Generator Information and Recipient Information, and any written or oral representations of the City;

(b) the soil generated by a Generator and/or the soil required by a Recipient, such as the analytical data, characteristics, condition, quality, source, suitability, use, and/or quantity of soil, and the intended uses of such soil, including but not limited to, implied warranties of merchantability and fitness for a particular purpose; and

(c) the Generator's and/or Recipient's compliance with any law applicable to the conduct of its business, including but not limited to, any federal, state, or local law and permit requirement governing the disposal, handling, or reuse of clean or contaminated soil.

5. Obligation to Comply with All Applicable Laws. Participation in the Clean Soil Bank program does not relieve Generators and Recipients from complying with the requirements of any and all applicable federal, state, and local laws and permit requirements, including but not limited to, any law and permit requirement governing the disposal, handling, or reuse of clean or contaminated soil. Prior to participating in the Clean Soil Bank program, Generators and Recipients are strongly encouraged to consult with their legal counsel to fully understand the requirements of all federal, state, and local laws and permit requirements applicable to this activity.

6. Waiver and Release. You release and discharge the City and its officials and employees from any liability for any and all claims, damages, losses, costs and expenses (including reasonable attorneys' fees) arising out of or in connection with: (a) your access to, use of, and/or reliance on any Generator Information and Recipient Information, the Clean Soil Bank program, and any written or oral representations, action or inaction, on the part of the City; (b) Generator's intended or actual transfer of soil to a Recipient; (c) Recipient's intended or actual acquisition of the soil from a Generator; and (d) the Generator's and/or Recipient's failure to comply with any law applicable to the conduct of its business, including but not limited to, any federal, state, and local laws and permit requirements governing the disposal, handling, or reuse of clean or contaminated soil. This paragraph 6. shall apply to the fullest extent permitted by law.

7. Indemnification by Generator. Generator agrees to defend, indemnify and hold harmless the City, its officials and employees, from any and all claims (even if the allegations of the lawsuit are without merit), damages, losses, costs and expenses (including reasonable attorneys' fees) to which the City, its officials and employees may be subject or which they may suffer or incur allegedly arising out of or in connection with: (a) any Generator Information provided by it; (b) the Generator's access to, use of, and/or reliance on any Recipient Information and the Clean Soil Bank program; (c) Generator's intended or actual transfer of soil to a Recipient; (d) Recipient's intended or actual acquisition of the soil from Generator; and (e) the Generator's failure to comply with any law applicable to the conduct of its business, including but not limited to, any federal, state, and local laws and permit requirements governing the disposal, handling, or reuse of clean or contaminated soil.

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UNDERSTOOD AND AGREED TO:

GENERATOR (as applicable)

Name of Generator: Joseph Yunatanov Liberty SQ of Ozone Park LLC

By: Joseph Yunatanov

Title: Managing Partner

Date: 12/17/14

UNDERSTOOD AND AGREED TO:

RECIPIENT (as applicable)

Name of Recipient: Eric Rothstein, eDesign Dynamics, LLC

By:

Title: Managing Partner

Date: 12/17/2014

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Meadow Lake Park = MLP

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Joseph Yuvatana
Print Name

Liberty Sq at Ozark Place LLC
Company Name

Member
Title

Joseph Yuvatana
Signature

12/10/14
Date

NON HAZARDOUS
PROFILE SHEET

GENERATOR INFORMATION:

Generator Name	Joseph Kunatanov	Generator Contact	
Address	70-13 Austin St	Phone 917	318-7812
City	Forest Hills	Fax	
State/Zip	NY 11375	Email	

SITE INFORMATION:

Site Name	Liberty SQ	Site Contact	
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State/Zip	NY	Email	

BILLING INFORMATION:

Customer Name	Same	Customer Contact	
Address		Phone	Same
City		Fax	
State/Zip		Email	

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Description of Waste: Sand

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UNDERSTOOD AND AGREED TO:

GENERATOR (as applicable)

Name of Generator: Joseph Yunatanov Liberty SQ of Ozone Park LLC

By: Joseph Yunatanov

Title: Managing Partner

Date: 12/17/14

UNDERSTOOD AND AGREED TO:

RECIPIENT (as applicable)

Name of Recipient: Eric Rothstein, eDesign Dynamics, LLC

By:

Title: Managing Partner

Date: 12/17/2014

APPENDIX G:
SHIPPING AND DISPOSAL MANIFESTS

Weight Ticket

Ticket No. 21819
Issued On 05.27.2014 10:07 AM

PPark

100 Planten Ave.
Prospect Park, NJ 07508
973-947-4488 (Phone)
973-542-2218 (Fax)

Customer		Project	
Ref. No.	87	Name	102-14 Liberty Ave
Name	Innovative Recycling Technologies, Inc.	Job	14-280
Address	690 Noprth Queens Avenue	Address	102-14 Liberty Avenue
City, State, ZIP	Lindenhurst, NY 11757	City, State, Zip	11417 Ozone Park

Truck		Date and Time	
Hauler Name	EJM EXPRESS #88	Gross	5/27/2014 9:51:43 AM
Plate No.	AP653R	Tare	5/27/2014 10:07:20 AM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Disposal of Clean Fill	86,520	29,160	57,360	28.68		
TOTAL						

Remarks: MANIFEST #0004523

Driver Signature

Weighmaster Signature

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone: 516-816-4765

4. Waste Tracking Number: 0004523

5. Generator's Name and Mailing Address
LIBERTY SQUARE IN OZONE PARK, LLC
70-13 AUSTIN STREET, SUITE 3F
FOREST HILLS, NY 11375
Generator's Phone: 718-575-5400

Generator's Site Address (if different than mailing address)
102-14 LIBERTY AVENUE
OZONE PARK, NY 11417
14-280

6. Transporter 1 Company Name: EJM Express Inc NJ-AP653R Nutley, NJ
U.S. EPA ID Number:

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
P PARK NJ LLC
100 Planten Ave.
Prospect Park, NJ 07508
Facility's Phone: 973-947-4488
U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON REGULATED MATERIAL. NON DOT, NON-RCRA, NJ SRS RESIDENTIAL CLEAN SOIL			8	Cys	20
2.				29		60
3.				28		68
4.						

13. Special Handling Instructions and Additional Information
P PARK # 14-280

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Phil Hoffler
Signature:
Month 5 Day 27 Year 14

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: José
Signature:
Month 5 Day 27 Year 14
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name:
Signature:
Month Day Year 5/27/14

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

Weight Ticket

Ticket No. 21820
Issued On 05.27.2014 10:09 AM

PPark

100 Planten Ave.
Prospect Park, NJ 07508
973-947-4488 (Phone)
973-542-2218 (Fax)

Customer		Project	
Ref. No.	87	**Name**	102-14 Liberty Ave
Name	Innovative Recycling Technologies, Inc.	**Job**	14-280
Address	690 Noprth Queens Avenue	**Address**	102-14 Liberty Avenue
City, State, ZIP	Lindenhurst, NY 11757	**City, State, Zip**	11417 Ozone Park

Truck		Date and Time	
Hauler Name	Zapata	**Gross**	5/27/2014 9:54:49 AM
Plate No.	AL477A	**Tare**	5/27/2014 10:09:06 AM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Disposal of Clean Fill	87,380	28,040	59,340	29.67		
TOTAL						

Remarks: MANIFEST #0004524

Driver Signature

Weighmaster Signature

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone: 516-616-4765

4. Waste Tracking Number: 0004524

GENERATOR

5. Generator's Name and Mailing Address
LIBERTY SQUARE IN OZONE PARK, LLC
70-13 AUSTIN STREET, SUITE 3F
FOREST HILLS, NY 11375
Generator's Phone: 718-575-5400

Generator's Site Address (if different than mailing address)
102-14 LIBERTY AVENUE
OZONE PARK, NY 11417
14-280.

6. Transporter 1 Company Name: V. ZAPATA Bloomfield, NJ
U.S. EPA ID Number: NJ-AL477A

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
P PARK NJ LLC
100 Planten Ave.
Prospect Park, NJ 07508
Facility's Phone: 973-947-4488
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON REGULATED MATERIAL. NON DOT, NON-RCRA, NJ SRS RESIDENTIAL CLEAN SOIL			87380		
2.				28040		
3.				29.67		
4.						

13. Special Handling Instructions and Additional Information
P PARK # 14-280

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Manuel
Signature: Manuel
Month 5 Day 27 Year 14

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Elmer
Signature: E
Month 5 Day 27 Year 14

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name
Signature
Month 5 Day 27 Year 14

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

Weight Ticket

Ticket No. 21821
Issued On 05.27.2014 10:10 AM

PARK
RECLAIM & FLOURISH.

PPark

100 Planten Ave.
Prospect Park, NJ 07508
973-947-4488 (Phone)
973-542-2218 (Fax)

Customer		Project	
Ref. No.	87	**Name**	102-14 Liberty Ave
Name	Innovative Recycling Technologies, Inc.	**Job**	14-280
Address	690 Noprth Queens Avenue	**Address**	102-14 Liberty Avenue
City, State, ZIP	Lindenhurst, NY 11757	**City, State, Zip**	11417 Ozone Park

Truck		Date and Time	
Hauler Name	Zapata #61	**Gross**	5/27/2014 9:56:43 AM
Plate No.	AL878A	**Tare**	5/27/2014 10:10:22 AM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Disposal of Clean Fill	90,140	30,460	59,680	29.84		
TOTAL						

Remarks: MANIFEST #0004500

Driver Signature

Weighmaster Signature

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone: 516-815-4765

4. Waste Tracking Number: 0004500

5. Generator's Name and Mailing Address
LIBERTY SQUARE IN OZONE PARK, LLC
70-13 AUSTIN STREET, SUITE 3F
FOREST HILLS, NY 11375
Generator's Phone: 718-575-5400

Generator's Site Address (if different than mailing address)
102-14 LIBERTY AVENUE
OZONE PARK, NY 11417

#14-280.

6. Transporter 1 Company Name: N. ZAPATA Z R S — U.S. EPA ID Number: NJ ALS75A

7. Transporter 2 Company Name: Bloomfield NJ — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
P PARK NJ LLC
100 Planten Ave.
Prospect Park, NJ 07508
Facility's Phone: ~~973-947-4466~~ — U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	NON REGULATED MATERIAL. NON DOT, NON-RCRA, NJ SRS RESIDENTIAL CLEAN SOIL			90140	
2.				30460	
3.				29.84	
4.					

13. Special Handling Instructions and Additional Information
P PARK #14-280

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Manuel — Signature: M — Month 5 Day 27 Year 14

GENERATOR

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

INT'L

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: NESTOR ZAPATA — Signature: — Month 5 Day 27 Year 14

Transporter 2 Printed/Typed Name: — Signature: — Month Day Year

TRANSPORTER

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: — Signature: — Month Day Year 4/27/14

DESIGNATED FACILITY

169-BLC-O-5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

Weight Ticket

Ticket No. 21823
Issued On 05.27.2014 10:31 AM

PPark

100 Planten Ave.
Prospect Park, NJ 07508
973-947-4488 (Phone)
973-542-2218 (Fax)

Customer		Project	
Ref. No.	87	Name	102-14 Liberty Ave
Name	Innovative Recycling Technologies, Inc.	Job	14-280
Address	690 Noprth Queens Avenue	Address	102-14 Liberty Avenue
City, State, ZIP	Lindenhurst, NY 11757	City, State, Zip	11417 Ozone Park

Truck		Date and Time	
Hauler Name	URIEL LLC #7	Gross	5/27/2014 10:13:01 AM
Plate No.	AK131X	Tare	5/27/2014 10:31:38 AM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Disposal of Clean Fill	83,760	28,880	54,880	27.44		
TOTAL						

Remarks: MANIFST #0004522

Driver Signature

Weighmaster Signature

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone: 516-616-4765

4. Waste Tracking Number: 0004522

5. Generator's Name and Mailing Address
LIBERTY SQUARE IN OZONE PARK, LLC
70-13 AUSTIN STREET, SUITE 3F
FOREST HILLS, NY 11375
Generator's Phone: 718-575-5400

Generator's Site Address (if different than mailing address)
102-14 LIBERTY AVENUE
OZONE PARK, NY 11417
#14-280

6. Transporter 1 Company Name: UPREC 275 N. 6th St Newark NJ NJ-AK-131X
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
P PARK NJ LLC
100 Planten Ave.
Prospect Park, NJ 07508
Facility's Phone: 973-947-4468
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON REGULATED MATERIAL. NON DOT, NON-RCRA, NJ SRS RESIDENTIAL CLEAN SOIL					83760
2.						28880
3.						27.44
4.						

13. Special Handling Instructions and Additional Information
P PARK #14-280

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Phil Hoffiker
Signature
Month 5 Day 27 Year 14

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: LEONARDO SALTOS
Signature
Month 5 Day 27 Year 14

Transporter 2 Printed/Typed Name
Signature
Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name
Signature
Month Day Year

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

Weight Ticket

Ticket No. 21825
Issued On 05.27.2014 10:39 AM

PARK
RECLAIM & FLOURISH.

PPark

100 Planten Ave.
Prospect Park, NJ 07508
973-947-4488 (Phone)
973-542-2218 (Fax)

Customer		Project	
Ref. No.	87	Name	102-14 Liberty Ave
Name	Innovative Recycling Technologies, Inc.	Job	14-280
Address	690 Noprth Queens Avenue	Address	102-14 Liberty Avenue
City, State, ZIP	Lindenhurst, NY 11757	City, State, Zip	11417 Ozone Park

Truck		Date and Time	
Hauler Name	Uriel LLC Trucking #777	Gross	5/27/2014 10:29:02 AM
Plate No.	AK556R	Tare	5/27/2014 10:39:25 AM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Disposal of Clean Fill	83,300	28,840	54,460	27.23		
TOTAL						

Remarks: MANFIEST #0004518

Driver Signature

Weighmaster Signature

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
			516-815-4755	0004518

GENERATOR

5. Generator's Name and Mailing Address
LIBERTY SQUARE IN OZONE PARK, LLC
70-13 AUSTIN STREET, SUITE 3F
FOREST HILLS, NY 11375
Generator's Phone: 718-575-5400

Generator's Site Address (if different than mailing address)
102-14 LIBERTY AVENUE
OZONE PARK, NY 11417
#14-280

6. Transporter 1 Company Name: YRFEL 275 N. 6th St Newark NJ-AK556R
U.S. EPA ID Number: #777

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
P PARK NJ LLC
100 Planten Ave.
Prospect Park, NJ 07508
Facility's Phone: 973-947-4488
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	NON REGULATED MATERIAL. NON DOT, NON-RCRA, NJ SRS RESIDENTIAL CLEAN SOIL			83300	
2.				28840	
3.				27.23	
4.					

13. Special Handling Instructions and Additional Information
P PARK #14-280

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Tim Koffler
Signature
Month 5 Day 27 Year 14

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Tapia
Signature: Tapia
Month 5 Day 27 Year 14

Transporter 2 Printed/Typed Name
Signature: Tapia
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name
Signature
Month 5 Day 27 Year 14

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

Weight Ticket

Ticket No. 21826
Issued On 05.27.2014 10:41 AM

PPark
100 Planten Ave.
Prospect Park, NJ 07508
973-947-4488 (Phone)
973-542-2218 (Fax)

Customer		Project	
Ref. No.	87	Name	102-14 Liberty Ave
Name	Innovative Recycling Technologies, Inc.	Job	14-280
Address	690 Noprth Queens Avenue	Address	102-14 Liberty Avenue
City, State, ZIP	Lindenhurst, NY 11757	City, State, Zip	11417 Ozone Park

Truck		Date and Time	
Hauler Name	Uriel LLC Trucking #3	Gross	5/27/2014 10:31:02 AM
Plate No.	AP797X	Tare	5/27/2014 10:41:04 AM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Disposal of Clean Fill	83,300	28,000	55,300	27.65		
TOTAL						

Remarks: MANIFEST #0004519

Driver Signature

Weighmaster Signature

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
			516-816-4765	0004519

5. Generator's Name and Mailing Address

LIBERTY SQUARE IN OZONE PARK, LLC
70-13 AUSTIN STREET, SUITE 3F
FOREST HILLS, NY 11375

Generator's Phone: 718-575-5400

Generator's Site Address (if different than mailing address)

102-14 LIBERTY AVENUE
OZONE PARK, NY 11417

14-280.

6. Transporter 1 Company Name: UNITEL 275 6th St Newark NJ AP797X — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

P PARK NJ LLC
100 Planten Ave.
Prospect Park, NJ 07508

Facility's Phone: 973-947-4466

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	NON REGULATED MATERIAL. NON DOT, NON-RCRA, NJ SRS RESIDENTIAL CLEAN SOIL			83300	
2.				28000	
3.				27.65	
4.					

13. Special Handling Instructions and Additional Information

P PARK # 14-280

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Phil Hoffler — Signature — Month 5 Day 27 Year 14

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: PAUL M. — Signature: Paul M. — Month 5 Day 27 Year 14

Transporter 2 Printed/Typed Name — Signature — Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month 5 Day 27 Year 14

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

Weight Ticket

Ticket No. 21827
Issued On 05.27.2014 10:47 AM

PPark

100 Planten Ave.
Prospect Park, NJ 07508
973-947-4488 (Phone)
973-542-2218 (Fax)

Customer		Project	
Ref. No.	87	**Name**	102-14 Liberty Ave
Name	Innovative Recycling Technologies, Inc.	**Job**	14-280
Address	690 Noprth Queens Avenue	**Address**	102-14 Liberty Avenue
City, State, ZiP	Lindenhurst, NY 11757	**City, State, Zip**	11417 Ozone Park

Truck		Date and Time	
Hauler Name	MORALES #08	**Gross**	5/27/2014 10:33:17 AM
Plate No.	AP155M	**Tare**	5/27/2014 10:47:42 AM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Disposal of Clean Fill	74,600	28,620	45,980	22.99		
TOTAL						

Remarks: MANFIEST #0004521

Driver Signature

Weighmaster Signature

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone: 516-816-4765

4. Waste Tracking Number: 0004521

5. Generator's Name and Mailing Address
LIBERTY SQUARE IN OZONE PARK, LLC
70-13 AUSTIN STREET, SUITE 3F
FOREST HILLS, NY 11375
Generator's Phone: 718-575-5400

Generator's Site Address (if different than mailing address)
102-14 LIBERTY AVENUE
OZONE PARK, NY 11417
#14-280

6. Transporter 1 Company Name
URIEL 275 N. 6th St Newark NJ - AP-155M
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
P PARK NJ LLC
100 Planten Ave.
Prospect Park, NJ 07508
Facility's Phone: 973-947-4488
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON REGULATED MATERIAL. NON DOT, NON-RCRA, NJ SRS RESIDENTIAL CLEAN SOIL			74680		
2.				28620		
3.				2249		
4.						

13. Special Handling Instructions and Additional Information
P PARK #14-280

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Paul Hoffman
Signature
Month 5 Day 27 Year 14

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Alex
Signature: Alex
Month 5 Day 27 Year 14
Transporter 2 Printed/Typed Name
Signature
Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name
Signature
Month 5 Day 29 Year 14

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

Weight Ticket

Ticket No. 21828
Issued On 05.27.2014 10:49 AM

PARK
RECLAIM & FLOURISH.

PPark

100 Planten Ave.
Prospect Park, NJ 07508
973-947-4488 (Phone)
973-542-2218 (Fax)

Customer		Project	
Ref. No.	87	Name	102-14 Liberty Ave
Name	Innovative Recycling Technologies, Inc.	Job	14-280
Address	690 Noprth Queens Avenue	Address	102-14 Liberty Avenue
City, State, ZiP	Lindenhurst, NY 11757	City, State, Zip	11417 Ozone Park

Truck		Date and Time	
Hauler Name	MORALES #18	Gross	5/27/2014 10:35:10 AM
Plate No.	AP156M	Tare	5/27/2014 10:49:24 AM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Disposal of Clean Fill	73,260	26,980	46,280	23.14		
TOTAL						

Remarks: MANFIEST #0004520

Driver Signature

Weighmaster Signature

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone: 516-815-4765

4. Waste Tracking Number: 0004520

5. Generator's Name and Mailing Address
LIBERTY SQUARE IN OZONE PARK, LLC
70-13 AUSTIN STREET, SUITE 3F
FOREST HILLS, NY 11375
Generator's Phone: 718-575-5400

Generator's Site Address (if different than mailing address)
102-14 LIBERTY AVENUE
OZONE PARK, NY 11417

14-280

6. Transporter 1 Company Name: GRIEL 275 N. 6th St Newark NJ - AP156M
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
P PARK NJ LLC
100 Planten Ave.
Prospect Park, NJ 07508
Facility's Phone: 973-947-4453
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON REGULATED MATERIAL, NON DOT, NON-RCRA, NJ SRS RESIDENTIAL CLEAN SOIL			73	2400	
2.				24	980	
3.					23.14	
4.						

13. Special Handling Instructions and Additional Information
P PARK # 14-280

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Phil Hoffer
Signature
Month 5 Day 27 Year 14

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Omar
Signature
Month 5 Day 27 Year 14
Transporter 2 Printed/Typed Name
Signature
Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name
Signature
Month Day Year 14

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

Weight Ticket

Ticket No. 21845
Issued On 05.27.2014 02:09 PM

PPark

100 Planten Ave.
Prospect Park, NJ 07508
973-947-4488 (Phone)
973-542-2218 (Fax)

Customer		Project	
Ref. No.	87	Name	102-14 Liberty Ave
Name	Innovative Recycling Technologies, Inc.	Job	14-280
Address	690 Noprth Queens Avenue	Address	102-14 Liberty Avenue
City, State, ZiP	Lindenhurst, NY 11757	City, State, Zip	11417 Ozone Park

Truck		Date and Time	
Hauler Name	DSM TRUCKING #6	Gross	5/27/2014 1:52:48 PM
Plate No.	AR439C	Tare	5/27/2014 2:09:29 PM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Disposal of Clean Fill	87,540	27,380	60,160	30.08		
TOTAL						

Remarks: MANFIEST #0004517

Driver Signature

Weighmaster Signature

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone: 516-616-4765

4. Waste Tracking Number: 0004517

5. Generator's Name and Mailing Address
LIBERTY SQUARE IN OZONE PARK, LLC
70-13 AUSTIN STREET, SUITE 3F
FOREST HILLS, NY 11375
Generator's Phone: 718-575-5400

Generator's Site Address (if different than mailing address)
102-14 LIBERTY AVENUE
OZONE PARK, NY 11417
#14-280

6. Transporter 1 Company Name
OSM Trucking Belleville NJ AR 4390
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
P PARK NJ LLC
100 Planten Ave.
Prospect Park, NJ 07508
Facility's Phone: 973-947-4466
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	NON REGULATED MATERIAL. NON DOT, NON-RCRA, NJ SRS RESIDENTIAL CLEAN SOIL			87540	
2.				27380	
3.				30.08	
4.					

13. Special Handling Instructions and Additional Information
P PARK #14-280

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: PAUL HOFFLER
Signature
Month 5 Day 27 Year 14

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: JUAN
Signature
Month 5 Day 27 Year 14
Transporter 2 Printed/Typed Name
Signature
Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name
Signature
Month 5 Day 27 Year 14

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

Weight Ticket

Ticket No. 21853
Issued On 05.27.2014 02:50 PM

PPark

100 Planten Ave.
Prospect Park, NJ 07508
973-947-4488 (Phone)
973-542-2218 (Fax)

Customer		Project	
Ref. No.	87	Name	102-14 Liberty Ave
Name	Innovative Recycling Technologies, Inc.	Job	14-280
Address	690 Noprth Queens Avenue	Address	102-14 Liberty Avenue
City, State, ZIP	Lindenhurst, NY 11757	City, State, Zip	11417 Ozone Park

Truck		Date and Time	
Hauler Name	EJM EXPRESS #88	Gross	5/27/2014 2:28:25 PM
Plate No.	AP653R	Tare	5/27/2014 2:50:00 PM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Disposal of Clean Fill	89,980	29,020	60,960	30.48		
TOTAL						

Remarks: MANIFEST #0004515

Driver Signature

Weighmaster Signature

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone: 516-616-4765

4. Waste Tracking Number: 0004515

5. Generator's Name and Mailing Address
LIBERTY SQUARE IN OZONE PARK, LLC
70-13 AUSTIN STREET, SUITE 3F
FOREST HILLS, NY 11375
Generator's Phone: 718-575-5400

Generator's Site Address (if different than mailing address)
102-14 LIBERTY AVENUE
OZONE PARK, NY 11417

14.280.

6. Transporter 1 Company Name: EMJ Express Nutley NJ — U.S. EPA ID Number: AP 653R

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
P PARK NJ LLC
100 Planten Ave.
Prospect Park, NJ 07508
Facility's Phone: 973-947-4485 — U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	NON REGULATED MATERIAL. NON DOT, NON-RCRA, NJ SRS RESIDENTIAL CLEAN SOIL			89980	
2.				29920	
3.				20.48	
4.					

13. Special Handling Instructions and Additional Information
P PARK #14-280

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Phil Hoffler — Signature: — Month 5 Day 27 Year 14

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Jose — Signature: — Month 5 Day 27 Year 14
Transporter 2 Printed/Typed Name — Signature: — Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: — Signature: — Month 5 Day 27 Year 14

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

Weight Ticket

Ticket No. 21854
Issued On 05.27.2014 02:53 PM

PPark

100 Planten Ave.
Prospect Park, NJ 07508
973-947-4488 (Phone)
973-542-2218 (Fax)

Customer		Project	
Ref. No.	87	Name	102-14 Liberty Ave
Name	Innovative Recycling Technologies, Inc.	Job	14-280
Address	690 Noprth Queens Avenue	Address	102-14 Liberty Avenue
City, State, ZIP	Lindenhurst, NY 11757	City, State, Zip	11417 Ozone Park

Truck		Date and Time	
Hauler Name	Zapata #61	Gross	5/27/2014 2:31:42 PM
Plate No.	AL878A	Tare	5/27/2014 2:53:03 PM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Disposal of Clean Fill	87,460	30,340	57,120	28.56		
TOTAL						

Remarks: MANIFEST #0004516

Driver Signature

Weighmaster Signature

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone: 516-816-4755

4. Waste Tracking Number: 0004516

5. Generator's Name and Mailing Address
LIBERTY SQUARE IN OZONE PARK, LLC
70-13 AUSTIN STREET, SUITE 3F
FOREST HILLS, NY 11375
Generator's Phone: 718-575-5400

Generator's Site Address (if different than mailing address)
102-14 LIBERTY AVENUE
OZONE PARK, NY 11417
#14-280.

6. Transporter 1 Company Name: N. Zapata 55 Grace St Bloomfield NJ AL8784
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
P PARK NJ LLC
100 Planten Ave.
Prospect Park, NJ 07508
Facility's Phone: 973-947-4488
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON REGULATED MATERIAL. NON DOT, NON-RCRA, NJ SRS RESIDENTIAL CLEAN SOIL			87460		
2.				30340		
3.				28.86		
4.						

13. Special Handling Instructions and Additional Information
P PARK #14-280

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: PHIL HOFFKEN
Signature:
Month 5 Day 27 Year 14

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: ZRS
Signature: NESTOR Z
Month 5 Day 27 Year 14

Transporter 2 Printed/Typed Name
Signature
Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name
Signature
Month 5 Day 27 Year 14

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

Weight Ticket

Ticket No. 21859
Issued On 05.27.2014 03:08 PM

PPark

100 Planten Ave.
Prospect Park, NJ 07508
973-947-4488 (Phone)
973-542-2218 (Fax)

Customer		Project	
Ref. No.	87	Name	102-14 Liberty Ave
Name	Innovative Recycling Technologies, Inc.	Job	14-280
Address	690 Noprth Queens Avenue	Address	102-14 Liberty Avenue
City, State, ZIP	Lindenhurst, NY 11757	City, State, Zip	11417 Ozone Park

Truck		Date and Time	
Hauler Name	Zapata	Gross	5/27/2014 2:51:03 PM
Plate No.	AL477A	Tare	5/27/2014 3:08:26 PM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Disposal of Clean Fill	87,120	27,880	59,240	29.62		
TOTAL						

Remarks: MANIFEST #0004514

Driver Signature

Weighmaster Signature

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone 916-816-4755	4. Waste Tracking Number 0004514

GENERATOR

5. Generator's Name and Mailing Address
LIBERTY SQUARE IN OZONE PARK, LLC
70-13 AUSTIN STREET, SUITE 3F
FOREST HILLS, NY 11375
Generator's Phone: 718-575-5400

Generator's Site Address (if different than mailing address)
102-14 LIBERTY AVENUE
OZONE PARK, NY 11417

#14-280.

6. Transporter 1 Company Name
N. Zapata 55 Grace St Bloomfield NJ AL 477A
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
P PARK NJ LLC
100 Planten Ave.
Prospect Park, NJ 07508
Facility's Phone: 973-947-4488
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON REGULATED MATERIAL. NON DOT, NON-RCRA, NJ SRS RESIDENTIAL CLEAN SOIL			87180		
2.				27880		
3.						
4.						

13. Special Handling Instructions and Additional Information
P PARK #14-280

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: PHIL HOFFKEN
Signature:
Month 5 Day 27 Year 14

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: ELMER
Signature:
Month 5 Day 27 Year 14
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name
Signature
Month Day Year

Weight Ticket

Ticket No. 21862
Issued On 05.27.2014 03:14 PM

PARK
RECLAIM & FLOURISH.

PPark

100 Planten Ave.
Prospect Park, NJ 07508
973-947-4488 (Phone)
973-542-2218 (Fax)

Customer		Project	
Ref. No.	87	Name	102-14 Liberty Ave
Name	Innovative Recycling Technologies, Inc.	Job	14-280
Address	690 Noprth Queens Avenue	Address	102-14 Liberty Avenue
City, State, ZIP	Lindenhurst, NY 11757	City, State, Zip	11417 Ozone Park

Truck		Date and Time	
Hauler Name	Uriel LLC Trucking #777	Gross	5/27/2014 3:01:35 PM
Plate No.	AK556R	Tare	5/27/2014 3:14:38 PM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Disposal of Clean Fill	84,540	28,980	55,560	27.78		
TOTAL						

Remarks: MANFIEST #0004513

Driver Signature

Weighmaster Signature

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number:
2. Page 1 of:
3. Emergency Response Phone: 516-816-4765
4. Waste Tracking Number: 0004513

5. Generator's Name and Mailing Address
LIBERTY SQUARE IN OZONE PARK, LLC
70-13 AUSTIN STREET, SUITE 3F
FOREST HILLS, NY 11375
Generator's Phone: 718-575-5400

Generator's Site Address (if different than mailing address)
102-14 LIBERTY AVENUE
OZONE PARK, NY 11417
#14-280.

6. Transporter 1 Company Name: GRIEL 275 N. 6th St Newark NJ 4K556R
U.S. EPA ID Number:

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
P PARK NJ LLC
100 Planten Ave.
Prospect Park, NJ 07508
Facility's Phone: 973-947-4488
U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON REGULATED MATERIAL. NON DOT, NON-RCRA, NJ SRS RESIDENTIAL CLEAN SOIL			84540		
2.				28980		
3.						
4.						

13. Special Handling Instructions and Additional Information
P PARK # 14-280

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Paul Koffler
Signature:
Month 5 Day 27 Year 14

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Tapia
Signature: Tapia
Month 5 Day 27 Year 14
Transporter 2 Printed/Typed Name:
Signature: Tapia
Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Con Vito
Signature:
Month 5 Day 27 Year 14

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

Weight Ticket

Ticket No. 21863
Issued On 05.27.2014 03:16 PM

PPark
100 Planten Ave.
Prospect Park, NJ 07508
973-947-4488 (Phone)
973-542-2218 (Fax)

Customer		Project	
Ref. No.	87	Name	102-14 Liberty Ave
Name	Innovative Recycling Technologies, Inc.	Job	14-280
Address	690 Noprth Queens Avenue	Address	102-14 Liberty Avenue
City, State, ZiP	Lindenhurst, NY 11757	City, State, Zip	11417 Ozone Park

Truck		Date and Time	
Hauler Name	Uriel LLC Trucking #3	Gross	5/27/2014 3:02:48 PM
Plate No.	AP797X	Tare	5/27/2014 3:16:07 PM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Disposal of Clean Fill	82,940	28,420	54,520	27.26		
TOTAL						

Remarks: MANIFEST #0004512

Driver Signature

Weighmaster Signature

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone: 516-816-4755

4. Waste Tracking Number: 0004512

5. Generator's Name and Mailing Address
LIBERTY SQUARE IN OZONE PARK, LLC
70-13 AUSTIN STREET, SUITE 3F
FOREST HILLS, NY 11375
Generator's Phone: 718-575-5400

Generator's Site Address (if different than mailing address)
102-14 LIBERTY AVENUE
OZONE PARK, NY 11417
14-280

6. Transporter 1 Company Name: URIEL 275 N. 6th St Newark NJ
U.S. EPA ID Number: AP797X

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
P PARK NJ LLC
100 Planten Ave.
Prospect Park, NJ 07508
Facility's Phone: 973-947-4488
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON REGULATED MATERIAL. NON DOT, NON-RCRA, NJ SRS RESIDENTIAL CLEAN SOIL					
2.				8,940		
3.				28420		
4.				27.24		

13. Special Handling Instructions and Additional Information
P PARK # 14-280

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Phil Hoffer
Signature
Month 5 Day 27 Year 14

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: PAUL
Signature
Month 5 Day 27 Year 14

Transporter 2 Printed/Typed Name
Signature
Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name
Signature
Month Day Year

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

Weight Ticket

Ticket No. 21871
Issued On 05.27.2014 04:03 PM

PARK
RECLAIM & FLOURISH.

PPark

100 Planten Ave.
Prospect Park, NJ 07508
973-947-4488 (Phone)
973-542-2218 (Fax)

Customer		Project	
Ref. No.	87	**Name**	102-14 Liberty Ave
Name	Innovative Recycling Technologies, Inc.	**Job**	14-280
Address	690 Noprth Queens Avenue	**Address**	102-14 Liberty Avenue
City, State, ZiP	Lindenhurst, NY 11757	**City, State, Zip**	11417 Ozone Park

Truck		Date and Time	
Hauler Name	DSM TRUCKING #16	**Gross**	5/27/2014 3:49:57 PM
Plate No.	AR786B	**Tare**	5/27/2014 4:02:49 PM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Disposal of Clean Fill	89,620	28,640	60,980	30.49		
TOTAL						

Remarks: MANIFEST #0004510

Driver Signature

Weighmaster Signature

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone: 516-615-4765

4. Waste Tracking Number: 0004510

5. Generator's Name and Mailing Address
LIBERTY SQUARE IN OZONE PARK, LLC
70-13 AUSTIN STREET, SUITE 3F
FOREST HILLS, NY 11375
Generator's Phone: 718-575-5400

Generator's Site Address (if different than mailing address)
102-14 LIBERTY AVENUE
OZONE PARK, NY 11417

14-280

6. Transporter 1 Company Name: DSM Trucking Belleville NJ AR786B
U.S. EPA ID Number:

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
P PARK NJ LLC
100 Planten Ave.
Prospect Park, NJ 07508
Facility's Phone: 973-947-4456
U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON REGULATED MATERIAL. NON DOT, NON-RCRA, NJ SRS RESIDENTIAL CLEAN SOIL			894620		
2.				28640		
3.				20.49		
4.						

13. Special Handling Instructions and Additional Information
P PARK #14-280

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: PHIL HOFFKEN
Signature:
Month 5 Day 27 Year 14

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Felix
Signature:
Month 5 Day 27 Year 14

Transporter 2 Printed/Typed Name
Signature:
Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name:
Signature:
Month 5 Day 27 Year 14

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

Weight Ticket

Ticket No. 21872
Issued On 05.27.2014 04:13 PM

PPark

100 Planten Ave.
Prospect Park, NJ 07508
973-947-4488 (Phone)
973-542-2218 (Fax)

Customer		Project	
Ref. No.	87	**Name**	102-14 Liberty Ave
Name	Innovative Recycling Technologies, Inc.	**Job**	14-280
Address	690 Noprth Queens Avenue	**Address**	102-14 Liberty Avenue
City, State, ZIP	Lindenhurst, NY 11757	**City, State, Zip**	11417 Ozone Park

Truck		Date and Time	
Hauler Name	URIEL LLC #7	**Gross**	5/27/2014 4:10:36 PM
Plate No.	AK131X	**Tare**	5/27/2014 4:13:20 PM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Disposal of Clean Fill	86,020	28,880	57,140	28.57		
TOTAL						

Remarks: MANIFST #0004511

Driver Signature

Weighmaster Signature

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone: 516-816-4755

4. Waste Tracking Number: 0004511

5. Generator's Name and Mailing Address
LIBERTY SQUARE IN OZONE PARK, LLC
70-13 AUSTIN STREET, SUITE 3F
FOREST HILLS, NY 11375
Generator's Phone: 718-575-5400

Generator's Site Address (if different than mailing address)
102-14 LIBERTY AVENUE
OZONE PARK, NY 11417
#14-280

6. Transporter 1 Company Name: URFEL 275 N. 6th ST Newark NJ AK131X
U.S. EPA ID Number:

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
P PARK NJ LLC
100 Planten Ave.
Prospect Park, NJ 07508
Facility's Phone: 973-947-4455
U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON REGULATED MATERIAL. NON DOT, NON-RCRA, NJ SRS RESIDENTIAL CLEAN SOIL					86,020
2.						28.80
3.						28.57
4.						

13. Special Handling Instructions and Additional Information
P PARK #14-280

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: PHIL HOFFKEN
Signature:
Month 5 Day 27 Year 14

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: LEONARDO SALTER
Signature:
Month 5 Day 27 Year 14

Transporter 2 Printed/Typed Name: AK 131X NJ
Signature:
Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name:
Signature:
Month Day Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

169-BLC-O-5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

Weight Ticket

Ticket No. 22057
Issued On 05.30.2014 09:32 AM

PPark

100 Planten Ave.
Prospect Park, NJ 07508
973-947-4488 (Phone)
973-542-2218 (Fax)

Customer		Project	
Ref. No.	87	Name	102-14 Liberty Ave
Name	Innovative Recycling Technologies, Inc.	Job	14-280
Address	690 Noprth Queens Avenue	Address	102-14 Liberty Avenue
City, State, ZIP	Lindenhurst, NY 11757	City, State, Zip	11417 Ozone Park

Truck		Date and Time	
Hauler Name	Uriel LLC Trucking #3	Gross	5/30/2014 9:21:49 AM
Plate No.	AP797X	Tare	5/30/2014 9:31:59 AM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Disposal of Clean Fill	80,900	28,240	52,660	26.33		
TOTAL						

Remarks: MANIFEST #0004508

Driver Signature

Weighmaster Signature

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone: 516-616-4766

4. Waste Tracking Number: 0004508

5. Generator's Name and Mailing Address
LIBERTY SQUARE IN OZONE PARK, LLC
70-13 AUSTIN STREET, SUITE 3F
FOREST HILLS, NY 11375
Generator's Phone: 718-575-5400

Generator's Site Address (if different than mailing address)
102-14 LIBERTY AVENUE
OZONE PARK, NY 11417
#14-280.

6. Transporter 1 Company Name
URIEL 275 N. 6th St Newark NJ AP 797X
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
P PARK NJ LLC
100 Planten Ave.
Prospect Park, NJ 07508
Facility's Phone: 973-947-4486
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON REGULATED MATERIAL. NON DOT, NON-RCRA, NJ SRS RESIDENTIAL CLEAN SOIL	1	DT	25	Y	80900
2.						28240
3.						26.33
4.						

13. Special Handling Instructions and Additional Information
P PARK #14-280

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: PHIL HOFFKEN
Signature
Month 5 Day 30 Year 14

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: PAUL
Signature: Paul M
Month 5 Day 30 Year 14

Transporter 2 Printed/Typed Name
Signature
Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name
Signature
Month 5 Day 30 Year 14

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

Weight Ticket

Ticket No. 22058
Issued On 05.30.2014 09:34 AM

PPark

100 Planten Ave.
Prospect Park, NJ 07508
973-947-4488 (Phone)
973-542-2218 (Fax)

Customer		Project	
Ref. No.	87	Name	102-14 Liberty Ave
Name	Innovative Recycling Technologies, Inc.	Job	14-280
Address	690 Noprth Queens Avenue	Address	102-14 Liberty Avenue
City, State, ZiP	Lindenhurst, NY 11757	City, State, Zip	11417 Ozone Park

Truck		Date and Time	
Hauler Name	Uriel LLC Trucking #777	Gross	5/30/2014 9:23:05 AM
Plate No.	AK556R	Tare	5/30/2014 9:34:03 AM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Disposal of Clean Fill	84,640	28,800	55,840	27.92		
TOTAL						

Remarks: MANIFEST #0004509

Driver Signature

Weighmaster Signature

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number
2. Page 1 of
3. Emergency Response Phone: 516-816-4765
4. Waste Tracking Number: 0004509

5. Generator's Name and Mailing Address
LIBERTY SQUARE IN OZONE PARK, LLC
70-13 AUSTIN STREET, SUITE 3F
FOREST HILLS, NY 11375
Generator's Phone: 718-575-5400

Generator's Site Address (if different than mailing address)
102-14 LIBERTY AVENUE
OZONE PARK, NY 11417

#14-280

6. Transporter 1 Company Name: URIEL 275 N. 6th St Newark NJ AK556R
U.S. EPA ID Number:

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
P PARK NJ LLC
100 Planten Ave.
Prospect Park, NJ 07508
Facility's Phone: 973-947-4455
U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON REGULATED MATERIAL. NON DOT, NON-RCRA, NJ SRS RESIDENTIAL CLEAN SOIL			84640		
2.				28800		
3.					27.92	
4.						

13. Special Handling Instructions and Additional Information
P PARK #14-280

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Phil Hoffler
Signature:
Month 5 Day 30 Year 14

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Jorge Tapia
Signature: Tapia
Month 5 Day 30 Year 14

Transporter 2 Printed/Typed Name
Signature: Tapia
Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name:
Signature:
Month 5 Day 30 Year 14

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

Weight Ticket

Ticket No. 22060
Issued On 05.30.2014 09:47 AM

PPark

100 Planten Ave.
Prospect Park, NJ 07508
973-947-4488 (Phone)
973-542-2218 (Fax)

Customer		Project	
Ref. No.	87	Name	102-14 Liberty Ave
Name	Innovative Recycling Technologies, Inc.	Job	14-280
Address	690 Noprth Queens Avenue	Address	102-14 Liberty Avenue
City, State, ZiP	Lindenhurst, NY 11757	City, State, Zip	11417 Ozone Park

Truck		Date and Time	
Hauler Name	URIEL LLC #7	Gross	5/30/2014 9:35:58 AM
Plate No.	AK131X	Tare	5/30/2014 9:47:27 AM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Disposal of Clean Fill	85,200	28,680	56,520	28.26		
TOTAL						

Remarks: MANIFEST #0004507

Driver Signature

Weighmaster Signature

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone: 916-616-4765

4. Waste Tracking Number: 0004507

5. Generator's Name and Mailing Address
LIBERTY SQUARE IN OZONE PARK, LLC
70-13 AUSTIN STREET, SUITE 3F
FOREST HILLS, NY 11375
Generator's Phone: 718-575-5400

Generator's Site Address (if different than mailing address)
102-14 LIBERTY AVENUE
OZONE PARK, NY 11417

#14-280

6. Transporter 1 Company Name
URIEL 275 N. 6th St Newark NJ AK 13IX
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
P PARK NJ LLC
100 Planten Ave.
Prospect Park, NJ 07508
Facility's Phone: 973-947-4488
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON REGULATED MATERIAL, NON DOT, NON-RCRA, NJ SRS RESIDENTIAL CLEAN SOIL	1	DT	25	Y	
2.						8-15-300
3.						8-16-80
4.						8-26-

13. Special Handling Instructions and Additional Information
P PARK #14-280

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Kevin Orlando
Signature
Month 5 Day 30 Year 14

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: LEONARDO SALTOS
Signature
Month 5 Day 30 Year 14
Transporter 2 Printed/Typed Name
Signature
Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name
Signature
Month 5 Day 30 Year 14

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

-05 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

Weight Ticket

Ticket No. 22068
Issued On 05.30.2014 11:34 AM

PPark

100 Planten Ave.
Prospect Park, NJ 07508
973-947-4488 (Phone)
973-542-2218 (Fax)

Customer		Project	
Ref. No.	87	Name	102-14 Liberty Ave
Name	Innovative Recycling Technologies, Inc.	Job	14-280
Address	690 Noprth Queens Avenue	Address	102-14 Liberty Avenue
City, State, ZIP	Lindenhurst, NY 11757	City, State, Zip	11417 Ozone Park

Truck		Date and Time	
Hauler Name	DOING IT RIGHT	Gross	5/30/2014 11:19:22 AM
Plate No.	AR521E	Tare	5/30/2014 11:34:28 AM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Disposal of Clean Fill	91,880	25,780	66,100	33.05		
TOTAL						

Remarks: MANIFEST #0004506

Driver Signature

Weighmaster Signature

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone: 516-815-4765

4. Waste Tracking Number: 0004506

5. Generator's Name and Mailing Address
LIBERTY SQUARE IN OZONE PARK, LLC
70-13 AUSTIN STREET, SUITE 3F
FOREST HILLS, NY 11375
Generator's Phone: 718-575-5400

Generator's Site Address (if different than mailing address)
102-14 LIBERTY AVENUE
OZONE PARK, NY 11417

#14-280

6. Transporter 1 Company Name: Doing it Right Jersey City NJ AR521E
U.S. EPA ID Number:

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
P PARK NJ LLC
100 Planten Ave.
Prospect Park, NJ 07508
Facility's Phone: 973-947-4488
U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON REGULATED MATERIAL. NON DOT, NON-RCRA, NJ SRS RESIDENTIAL CLEAN SOIL	1	DT	25	Y	
2.						
3.						
4.						

9/880
25780
33.00

13. Special Handling Instructions and Additional Information
P PARK #14-280

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Kevin Orlando
Signature: [signature]
Month 5 Day 30 Year 14

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Jose Quezada
Signature: [signature]
Month 5 Day 30 Year 14

Transporter 2 Printed/Typed Name
Signature
Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: [signature]
Signature: [signature]
Month Day Year 5 30 14

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

Weight Ticket

Ticket No. 22069
Issued On 05.30.2014 11:35 AM

PPark

100 Planten Ave.
Prospect Park, NJ 07508
973-947-4488 (Phone)
973-542-2218 (Fax)

Customer		Project	
Ref. No.	87	Name	102-14 Liberty Ave
Name	Innovative Recycling Technologies, Inc.	Job	14-280
Address	690 Noprth Queens Avenue	Address	102-14 Liberty Avenue
City, State, ZiP	Lindenhurst, NY 11757	City, State, Zip	11417 Ozone Park

Truck		Date and Time	
Hauler Name	DOING IT RIGHT #6	Gross	5/30/2014 11:21:54 AM
Plate No.	AR876D	Tare	5/30/2014 11:35:53 AM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Disposal of Clean Fill	91,460	28,080	63,380	31.69		
TOTAL						

Remarks: MANIFEST #0004505

Driver Signature

Weighmaster Signature

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone: 516-816-4765

4. Waste Tracking Number: 0004505

5. Generator's Name and Mailing Address
LIBERTY SQUARE IN OZONE PARK, LLC
70-13 AUSTIN STREET, SUITE 3F
FOREST HILLS, NY 11375
Generator's Phone: 718-575-5400

Generator's Site Address (if different than mailing address)
102-14 LIBERTY AVENUE
OZONE PARK, NY 11417

6. Transporter 1 Company Name: Doing it Right Jersey City NJ AR876D
U.S. EPA ID Number: 14-080

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
P PARK NJ LLC
100 Planten Ave.
Prospect Park, NJ 07506
Facility's Phone: 973-947-4488
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	NON REGULATED MATERIAL. NON DOT, NON-RCRA, NJ SRS RESIDENTIAL CLEAN SOIL	1	DT	25	Y
2.					
3.					
4.					

91460
28080
31.69

13. Special Handling Instructions and Additional Information
P PARK #14-280

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Kevin Orlando
Signature
Month 5 Day 30 Year 14

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: David Rodriguez
Signature
Month 5 Day 30 Year 14
Transporter 2 Printed/Typed Name
Signature
Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name
Signature
Month 5 Day 30 Year 14

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

Weight Ticket

Ticket No. 22073
Issued On 05.30.2014 01:11 PM

PPark

100 Planten Ave.
Prospect Park, NJ 07508
973-947-4488 (Phone)
973-542-2218 (Fax)

Customer		Project	
Ref. No.	87	Name	102-14 Liberty Ave
Name	Innovative Recycling Technologies, Inc.	Job	14-280
Address	690 Noprth Queens Avenue	Address	102-14 Liberty Avenue
City, State, ZIP	Lindenhurst, NY 11757	City, State, Zip	11417 Ozone Park

Truck		Date and Time	
Hauler Name	Uriel LLC Trucking #777	Gross	5/30/2014 12:56:31 PM
Plate No.	AK556R	Tare	5/30/2014 1:11:17 PM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Disposal of Clean Fill	83,560	28,700	54,860	27.43		
TOTAL						

Remarks: MANIFEST #0004504

Driver Signature

Weighmaster Signature

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone: 516-616-4766

4. Waste Tracking Number: 0004504

5. Generator's Name and Mailing Address
LIBERTY SQUARE IN OZONE PARK, LLC
70-13 AUSTIN STREET, SUITE 3F
FOREST HILLS, NY 11375
Generator's Phone: 718-575-5400

Generator's Site Address (if different than mailing address)
102-14 LIBERTY AVENUE
OZONE PARK, NY 11417
#14-280

6. Transporter 1 Company Name: GRIFFL 275 N. 6th St Newark NJ AK556R
U.S. EPA ID Number:

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
P PARK NJ LLC
100 Planten Ave.
Prospect Park, NJ 07508
Facility's Phone: 973-947-4488
U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON REGULATED MATERIAL. NON DOT, NON-RCRA, NJ SRS RESIDENTIAL CLEAN SOIL	1	DT	25	Y	
2.						
3.						
4.						

83560
209
22.42

13. Special Handling Instructions and Additional Information
P PARK #14-280

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Kevin Orlando
Signature: [signature]
Month 5 Day 30 Year 14

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Tapia
Signature: Tapia
Month 5 Day 30 Year 14

Transporter 2 Printed/Typed Name
Signature: Tapia
Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Tom Ricci
Signature: [signature]
Month 5 Day 30 Year 14

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

Weight Ticket

Ticket No. 22074
Issued On 05.30.2014 01:13 PM

PPark

100 Planten Ave.
Prospect Park, NJ 07508
973-947-4488 (Phone)
973-542-2218 (Fax)

Customer		Project	
Ref. No.	87	**Name**	102-14 Liberty Ave
Name	Innovative Recycling Technologies, Inc.	**Job**	14-280
Address	690 Noprth Queens Avenue	**Address**	102-14 Liberty Avenue
City, State, ZIP	Lindenhurst, NY 11757	**City, State, Zip**	11417 Ozone Park

Truck		Date and Time	
Hauler Name	Uriel LLC Trucking #3	**Gross**	5/30/2014 12:57:15 PM
Plate No.	AP797X	**Tare**	5/30/2014 1:13:03 PM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Disposal of Clean Fill	83,060	28,120	54,940	27.47		
TOTAL						

Remarks: MANIFEST #0004503

Driver Signature

Weighmaster Signature

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone: 516-516-4765

4. Waste Tracking Number: 0004503

5. Generator's Name and Mailing Address
LIBERTY SQUARE IN OZONE PARK, LLC
70-13 AUSTIN STREET, SUITE 3F
FOREST HILLS, NY 11375
Generator's Phone: 718-575-5400

Generator's Site Address (if different than mailing address)
102-14 LIBERTY AVENUE
OZONE PARK, NY 11417

#14-280

6. Transporter 1 Company Name
GRIEL 275 N. 6th St Newark NJ AP797X
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
P PARK NJ LLC
100 Planten Ave.
Prospect Park, NJ 07508
Facility's Phone: 973-947-4485
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON REGULATED MATERIAL. NON DOT, NON-RCRA, NJ SRS RESIDENTIAL CLEAN SOIL	1	DT	25	Y	
2.						
3.						
4.						

8302.0
28120
27.47

13. Special Handling Instructions and Additional Information
P PARK #14-280

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Kevin Orlando
Signature: Kevin Orlando
Month 5 Day 30 Year 14

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Paul M
Signature: Paul M.
Month 5 Day 30 Year 14

Transporter 2 Printed/Typed Name
Signature
Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name
Signature
Month 5 Day 30 Year 14

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

169-BLC-Q 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

Weight Ticket

Ticket No. 22075
Issued On 05.30.2014 01:15 PM

PARK
RECLAIM & FLOURISH

PPark

100 Planten Ave.
Prospect Park, NJ 07508
973-947-4488 (Phone)
973-542-2218 (Fax)

Customer		Project	
Ref. No.	87	Name	102-14 Liberty Ave
Name	Innovative Recycling Technologies, Inc.	Job	14-280
Address	690 Noprth Queens Avenue	Address	102-14 Liberty Avenue
City, State, ZiP	Lindenhurst, NY 11757	City, State, Zip	11417 Ozone Park

Truck		Date and Time	
Hauler Name	URIEL LLC #7	Gross	5/30/2014 1:04:05 PM
Plate No.	AK131X	Tare	5/30/2014 1:15:24 PM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Disposal of Clean Fill	83,780	28,560	55,220	27.61		
TOTAL						

Remarks: MANIFEST #0004502

Driver Signature

Weighmaster Signature

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone: 516-816-4755

4. Waste Tracking Number: 0004502

5. Generator's Name and Mailing Address
LIBERTY SQUARE IN OZONE PARK, LLC
70-13 AUSTIN STREET, SUITE 3F
FOREST HILLS, NY 11375
Generator's Phone: 718-575-5400

Generator's Site Address (if different than mailing address)
102-14 LIBERTY AVENUE
OZONE PARK, NY 11417
14-280

6. Transporter 1 Company Name
URIEL 275 N. 6th St Newark NJ HK131X
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
P PARK NJ LLC
100 Planten Ave.
Prospect Park, NJ 07508
Facility's Phone: 973-947-4456
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON REGULATED MATERIAL. NON DOT, NON-RCRA, NJ SRS RESIDENTIAL CLEAN SOIL	1	DT	25	Y	83.780
2.						28.560
3.						27.61
4.						

13. Special Handling Instructions and Additional Information
P PARK #14-280

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Kevin Orlando
Signature: [signature]
Month 5 Day 30 Year 14

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: LEONARDO SALTOS
Signature: [signature]
Month 5 Day 30 Year 14

Transporter 2 Printed/Typed Name
Signature
Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Eric Ryan
Signature: [signature]
Month 5 Day 30 Year 14

GENERATOR

TRANSPORTER INT'L

DESIGNATED FACILITY

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

Weight Ticket

Ticket No. 22083
Issued On 05.30.2014 03:59 PM

PPark

100 Planten Ave.
Prospect Park, NJ 07508
973-947-4488 (Phone)
973-542-2218 (Fax)

Customer		Project	
Ref. No.	87	**Name**	102-14 Liberty Ave
Name	Innovative Recycling Technologies, Inc.	**Job**	14-280
Address	690 Noprth Queens Avenue	**Address**	102-14 Liberty Avenue
City, State, ZIP	Lindenhurst, NY 11757	**City, State, Zip**	11417 Ozone Park

Truck		Date and Time	
Hauler Name	URIEL TRUCKING#12	**Gross**	5/30/2014 3:41:51 PM
Plate No.	H662175	**Tare**	5/30/2014 3:59:10 PM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Disposal of Clean Fill	82,680	28,580	54,100	27.05		
TOTAL						

Remarks: MANIFEST #0004501

Driver Signature

Weighmaster Signature

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2 Page 1 of

3. Emergency Response Phone: 516-816-4765

4. Waste Tracking Number: 0004501

5. Generator's Name and Mailing Address
LIBERTY SQUARE IN OZONE PARK, LLC
70-13 AUSTIN STREET, SUITE 3F
FOREST HILLS, NY 11375
Generator's Phone: 718-575-5400

Generator's Site Address (if different than mailing address)
102-14 LIBERTY AVENUE
OZONE PARK, NY 11417

14-280

6. Transporter 1 Company Name
ARIEL 276 N. 6th St Newark NJ
U.S. EPA ID Number: HG2175

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
P PARK NJ LLC
100 Planten Ave.
Prospect Park, NJ 07508
Facility's Phone: 973-947-4488
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON REGULATED MATERIAL. NON DOT, NON-RCRA, NJ SRS RESIDENTIAL CLEAN SOIL.	1	DT	25	Y	
2.						82680
3.						28580
4.						27.86

13. Special Handling Instructions and Additional Information
P PARK # 14-280

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Kevin Orlando
Signature:
Month Day Year: 5 30 14

15. International Shipments ☐ Import to U.S. ☐ Export from U.S.
Port of entry/exit:
Transporter Signature (for exports only):
Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Francisco Guaicho
Signature:
Month Day Year: 5 30 14
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year:

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name:
Signature:
Month Day Year: 5 30 14

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

Weight Ticket

Ticket No. 22084
Issued On 05.30.2014 04:01 PM

PPark

100 Planten Ave.
Prospect Park, NJ 07508
973-947-4488 (Phone)
973-542-2218 (Fax)

Customer		Project	
Ref. No.	87	Name	102-14 Liberty Ave
Name	Innovative Recycling Technologies, Inc.	Job	14-280
Address	690 Noprth Queens Avenue	Address	102-14 Liberty Avenue
City, State, ZIP	Lindenhurst, NY 11757	City, State, Zip	11417 Ozone Park

Truck		Date and Time	
Hauler Name	URIEL TRUCKING #11	Gross	5/30/2014 3:44:58 PM
Plate No.	H641924	Tare	5/30/2014 4:01:02 PM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Disposal of Clean Fill	84,520	28,600	55,920	27.96		
TOTAL						

Remarks: MANIFEST #0529-1

Driver Signature

Weighmaster Signature

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N / A

Manifest Document No.: 0529-1

2. Page 1 of 1

3. Generator's Name and Mailing Address
Liberty Square in Ozone Park, LLC
70-13 Austin Street, Suite 3F
Forest Hills, NY 11375

4. Generator's Phone (718 575-5400

102-14 Liberty Avenue
Ozone Park, NY 11417

5. Transporter 1 Company Name: URJEL Newark NJ

6. US EPA ID Number: H641924

A. State Transporter's ID: 1/1

B. Transporter 1 Phone: 1/1 280

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
P Park NJ LLC
100 Planten Avenue
Prospect Park, NJ 07508

10. US EPA ID Number: N / A

E. State Facility's ID

F. Facility's Phone: (973) 947-4488

11. WASTE DESCRIPTION	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non Regulated Material-Non DOT, Non RCRA NJ SRS Residential Clean Soil	1	DT	25	Y
b.			84520	
c.			28600	
d.			2794	

G. Additional Descriptions for Materials Listed Above

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
P Park#14-280

GENERATOR

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: Kevin Orlando | Signature | Date: Month 3 Day 30 Year 14

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Rafael Gamarado | Signature | Date: Month 3 Day 30 Year 14

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name | Signature | Date: Month 3 Day 30 Year 14

NON-HAZARDOUS WASTE

Manifest Number

001

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson | Dan Hickson | 10/31/14

Generator Print Name | **Signature** | **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

E.M. ANTHONY | | 10/31/14

Transporter Print Name | **Signature** | **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

Facility Print Name | **Signature** | **Date**

Manifest Number

002

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson	Dan Hickson	10/31/14
Generator Print Name	**Signature**	**Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Fidel		10/31/14
Transporter Print Name	**Signature**	**Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

Facility Print Name	**Signature**	**Date**

Manifest Number

003

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson | Dan Hickson | 10/31/14

Generator Print Name | **Signature** | **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Wilkos Feliz | [illegible] | 10-31-14

Transporter Print Name | **Signature** | **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

Facility Print Name | **Signature** | **Date**

Manifest Number
004

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson | Dan Hickson | 10/31/14

Generator Print Name | **Signature** | **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

Fidelet Nlatie | | 10/31/14

Transporter Print Name | **Signature** | **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

Facility Print Name | **Signature** | **Date**

Manifest Number

005

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Generator Print Name	Signature	Date
Dan Hickson	Dan Hickson	10/31/14

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Transporter Print Name	Signature	Date
John Doherty	John Doherty	10-31-14

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

Facility Print Name	Signature	Date

Manifest Number

006

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson | Dan Hickson | 10/31/14

Generator Print Name | **Signature** | **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Ronny Fever

Transporter Print Name | **Signature** | **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

Facility Print Name | **Signature** | **Date**

Manifest Number

007

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson	Dan Hickson	10/31/14
Generator Print Name	**Signature**	**Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Transporter Print Name	**Signature**	**Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

HENRY E	Henry E	10/31/14
Facility Print Name	**Signature**	**Date**

Manifest Number

008

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson | Dan Hickson | 10/31/14

Generator Print Name | **Signature** | **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

X ALMAR SP | | 10/31/14

Transporter Print Name | **Signature** | **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

Facility Print Name | **Signature** | **Date**

Manifest Number

009

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson | Dan Hickson | 10/31/14

Generator Print Name | **Signature** | **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Transporter Print Name | **Signature** | **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

Facility Print Name | **Signature** | **Date**

Manifest Number

010

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Don Hickson — 10/31/14

Generator Print Name **Signature** **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Damian — 10-31-14

Transporter Print Name **Signature** **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

Facility Print Name **Signature** **Date**

Manifest Number

011

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson Dan Hickson 10/31/14

Generator Print Name **Signature** **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

10-31-2014

Transporter Print Name **Signature** **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

Facility Print Name **Signature** **Date**

Manifest Number

012

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson Dan Hickson 10/31/14

Generator Print Name **Signature** **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

REYNOLD Reynold 10.31.14

Transporter Print Name **Signature** **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

Facility Print Name **Signature** **Date**

Manifest Number

013

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson | Dan Hickson | 10/31/14

Generator Print Name | **Signature** | **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Transporter Print Name | **Signature** | **Date** 10/31/2014

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

Facility Print Name | **Signature** | **Date**

Manifest Number

014

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dam Hickson Dam Hickson 10/31/14

Generator Print Name **Signature** **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Transporter Print Name **Signature** **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

Facility Print Name **Signature** **Date**

Manifest Number

015

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson | Dan Hickson | 10/31/14

Generator Print Name | **Signature** | **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Transporter Print Name | **Signature** | **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

Facility Print Name | **Signature** | **Date**

Manifest Number

016

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson Dan Hickson 10/31/14

Generator Print Name **Signature** **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

RAFAO ROJAS 10-31-14

Transporter Print Name **Signature** **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

Facility Print Name **Signature** **Date**

Manifest Number

017

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson | Dan Hickson | 10/31/14

Generator Print Name | **Signature** | **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

FRANCI | | 10/31/14

Transporter Print Name | **Signature** | **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

Facility Print Name | **Signature** | **Date**

Manifest Number

018

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson — Dan Hickson — 10/31/14

Generator Print Name **Signature** **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Julio Lopez — 10-31-14

Transporter Print Name **Signature** **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

Facility Print Name **Signature** **Date**

ALMAR SUPPLIES, INC.

57-05 47TH STREET
MASPETH, NY 11378
718-456-8636

INNOVATIVE RECYCLING TECHNOLOG
690 N.QUEENS AVE
LINDENHURST, NY 11757
Customer ID : INNOVATIV2

Invoice No. 808461
Invoice Date: 10/31/2014
Page No. : 1

INVOICE SUMMARY

Before Tax Total :$13,950.00 Tax Rate: 8.875 Tax: $1,238.06 After Tax Total$15,188.06

Item : REMOVAL

Delivered To : 102-14 LIBERTY AVE, OZONE PARK

10/31/2014	1.00LOAD	TKT #462575	001
10/31/2014	1.00LOAD	TKT #460609	002
10/31/2014	1.00LOAD	TKT #455705	003
10/31/2014	1.00LOAD	TKT #455753	004
10/31/2014	1.00LOAD	TKT #456827	005
10/31/2014	1.00LOAD	TKT #461646	006
10/31/2014	1.00LOAD	TKT #457001	007
10/31/2014	1.00LOAD	TKT #460731	008
10/31/2014	1.00LOAD	TKT #458388	009
10/31/2014	1.00LOAD	TKT #455447	010
10/31/2014	1.00LOAD	TKT #462304	011
10/31/2014	1.00LOAD	TKT #461596	012
10/31/2014	1.00LOAD	TKT #462613	013
10/31/2014	1.00LOAD	TKT #458144	014
10/31/2014	1.00LOAD	TKT #462157	015
10/31/2014	1.00LOAD	TKT #460627	016
10/31/2014	1.00LOAD	TKT #456835	017
10/31/2014	1.00LOAD	TKT #455084	018

18.00 @ $ 775.0000 Subtotal : $ 13,950.00

Before Tax Total: $13,950.00
Tax : $1,238.06

After Tax Total : $15,188.06

Manifest Number

019

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Don Hickson | Don Hickson | 11/3/14

Generator Print Name | **Signature** | **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Willios Feliz | [illegible] | 11-03-14

Transporter Print Name | **Signature** | **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

Myron Nelson | Myron N

Facility Print Name | **Signature** | **Date**

Manifest Number

020

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dam Hickson | Dam Hickson | 11/3/14

Generator Print Name | **Signature** | **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Fidel #10 | | 11-3-14

Transporter Print Name | **Signature** | **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

MYRON NELSON | Myra Nelson

Facility Print Name | **Signature** | **Date**

Manifest Number

021

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

DAN Hickson — Dan Hickson — 11/3/14

Generator Print Name — **Signature** — **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

E.M. ANTHONY — [signature] — 11/3/14

Transporter Print Name — **Signature** — **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

MYRON NELSON — Myron Nelson

Facility Print Name — **Signature** — **Date**

Manifest Number

022

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson | Dan Hickson | 11/3/14

Generator Print Name | **Signature** | **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

HENRY E | Henri E | 11/03/14

Transporter Print Name | **Signature** | **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

MYRON NELSON | Myron Nelson

Facility Print Name | **Signature** | **Date**

Manifest Number

023

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson | Dan Hickson | 11/03/14

Generator Print Name | **Signature** | **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

RAFAEL ROJAS | | 11-03-14

Transporter Print Name | **Signature** | **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

Rafael Ebra | Myrna Ndoe | |

Facility Print Name | **Signature** | **Date**

Manifest Number

024

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Don Hickson | Don Hickson | 11/3/14

Generator Print Name | **Signature** | **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Francl | [illegible] | 11/3/14

Transporter Print Name | **Signature** | **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

Myron Nelson | Myron Nelson

Facility Print Name | **Signature** | **Date**

Manifest Number

025

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson | Dan Hickson | 11/3/14

Generator Print Name | **Signature** | **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Damian Williams | Damian | 11.3.14

Transporter Print Name | **Signature** | **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

Myron Nelson | Myron Nelson

Facility Print Name | **Signature** | **Date**

Manifest Number
026

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson | Dan Hickson | 11/3/14

Generator Print Name | **Signature** | **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Donald | [signature] |

Transporter Print Name | **Signature** | **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

MYRON NELSON | Myron Nelson |

Facility Print Name | **Signature** | **Date**

Manifest Number

027

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson — Dan Hickson — 11/3/14

Generator Print Name — **Signature** — **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Julio Lopez — [illegible] — 11-03-14

Transporter Print Name — **Signature** — **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

MYRON NELSON — Myron Nelson

Facility Print Name — **Signature** — **Date**

Manifest Number
028

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson Dan Hickson 11/13/14

Generator Print Name **Signature** **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Transporter Print Name **Signature** **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

MYRON NELSON Myron Nelson

Facility Print Name **Signature** **Date**

Manifest Number

029

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson | Dan Hickson | 11/03/14

Generator Print Name | **Signature** | **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Lloyd | [illegible]

Transporter Print Name | **Signature** | **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

MYRON NELSON | Myron Nelson

Facility Print Name | **Signature** | **Date**

Manifest Number

030

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson | Dan Hickson | 11/3/14

Generator Print Name | **Signature** | **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

GARFIELD | Garfield | 11-3-14

Transporter Print Name | **Signature** | **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

MYRON NELSON | Myron Nelson

Facility Print Name | **Signature** | **Date**

Manifest Number

031

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Don Hickson — Don Hickson — 11/03/14

Generator Print Name — **Signature** — **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

ALMAR S.P. — [illegible] — 11/3/14

Transporter Print Name — **Signature** — **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

MYRON NELSON — Myron Nelson

Facility Print Name — **Signature** — **Date**

Manifest Number

032

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson | Dan Hickson | 11/3/14

Generator Print Name | **Signature** | **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Tom Bailey | | 11-3-14

Transporter Print Name | **Signature** | **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

MYRON NELSON | | |

Facility Print Name | **Signature** | **Date**

Manifest Number

033

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson | Dan Hickson | 11/13/14

Generator Print Name | **Signature** | **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Claudio | [illegible] | 11/03/14

Transporter Print Name | **Signature** | **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

MYRON NELSON | Myron Nelson

Facility Print Name | **Signature** | **Date**

Manifest Number

034

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson — Dan Hickson — 11/3/14

Generator Print Name — **Signature** — **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Romy Pena — 11-03-14

Transporter Print Name — **Signature** — **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

MYRON NELSON — Myron Nelson

Facility Print Name — **Signature** — **Date**

Manifest Number

035

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

DAN HICKSON — Dan Hickson — 11/3/14

Generator Print Name — **Signature** — **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

REYNOLD — Reynold — 11.03/14

Transporter Print Name — **Signature** — **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

MYRON NELSON — Myron Nelson

Facility Print Name — **Signature** — **Date**

Manifest Number

036

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

DON HICKSON — Don Hickson

Generator Print Name **Signature** **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

HENRY E — Henri E — 11/03/14

Transporter Print Name **Signature** **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

MYRON NELSON — Myron Nelson

Facility Print Name **Signature** **Date**

Manifest Number

037

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson | Dan Hickson | 11/03/14

Generator Print Name | **Signature** | **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Donald Fraze | Donald Fraze

Transporter Print Name | **Signature** | **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

MYRON NELSON | Myron Nelson

Facility Print Name | **Signature** | **Date**

Manifest Number

038

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Generator Print Name	Signature	Date
Don Hickson	Don Hickson	11/3/14
Tulio Lopez		11-03-14

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Transporter Print Name	Signature	Date

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

Facility Print Name	Signature	Date
Myron Nelson	Myron Nelson	

Manifest Number

039

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson | Dan Hickson | 11/03/14

Generator Print Name | **Signature** | **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Transporter Print Name | **Signature** | **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

MYRON NELSON | Myron Nelson

Facility Print Name | **Signature** | **Date**

Manifest Number

063

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

PHIL HOFFLEN — 11/4/14

Generator Print Name **Signature** **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Donald Frazor

Transporter Print Name **Signature** **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

MYRON NELSON — Myron Nelson

Facility Print Name **Signature** **Date**

Manifest Number
064

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

PHIL HOFFKEN — 11/4/14

Generator Print Name **Signature** **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

ALMAR SP — 11/4/14

Transporter Print Name **Signature** **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

MYRON NELSON — Myron Nelson

Facility Print Name **Signature** **Date**

Manifest Number
065

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Phil Hoffler — 11/4/14

Generator Print Name **Signature** **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

ALMAR — 11-4-14

Transporter Print Name **Signature** **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

MYRON NELSON — Myron Nelson

Facility Print Name **Signature** **Date**

Manifest Number

064

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Phil Hoffken — **Generator Print Name**

Signature

11/2/14 — **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Siddlert Matute — **Transporter Print Name**

Signature

10/4/14 — **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

MYRON NELSON — **Facility Print Name**

Myron Nelson — **Signature**

Date

Manifest Number

067

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Phil Hoffman		11/4/14
Generator Print Name	**Signature**	**Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

	Romy Perez	11/4/14
Transporter Print Name	**Signature**	**Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

Myron Nelson	Myron Nelson	
Facility Print Name	**Signature**	**Date**

Manifest Number
068

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Phil Hoffken — 11/4/14

Generator Print Name **Signature** **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

FRANCI — 11/4/14

Transporter Print Name **Signature** **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

MYRON NELSON — Myron Nelson

Facility Print Name **Signature** **Date**

Manifest Number
069

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Paul Hoffman — 11/4/14

Generator Print Name **Signature** **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

Transporter Print Name **Signature** **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

Myron Nelson

Facility Print Name **Signature** **Date**

Manifest Number
070

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Paul Hoffken — **Generator Print Name**
Signature
11/4/14 — **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

Transporter Print Name John Bailey
Signature
Date 11-4-14

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

Myran Nelson

Facility Print Name
Signature
Date

Manifest Number

071

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Paul Hoffker — 11/4/14

Generator Print Name **Signature** **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Transporter Print Name **Signature** **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

MYRON NELSON — Myron Nelson

Facility Print Name **Signature** **Date**

Manifest Number
072

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Generator Print Name	Signature	Date
	Rich Hoffkein	11/4/14

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

Transporter Print Name	Signature	Date
Acidb		10/04/14

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

Facility Print Name	Signature	Date
	Myran Nelson	

Manifest Number

073

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Phil Hoffke — 11/4/14

Generator Print Name **Signature** **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Jorge Reyes — 11/4/14

Transporter Print Name **Signature** **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

MYRON NELSON — Myron Nelson

Facility Print Name **Signature** **Date**

Manifest Number
074

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Phil Hoffken — **Generator Print Name**
Signature
11/4/14 — **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

Transporter Print Name
Signature
Date

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

Myron Nelson

Facility Print Name
Signature
Date

Manifest Number
075

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

PHIL HOFFKEN — 11/4/14

Generator Print Name **Signature** **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

Dominy Williams — 11-4-14

Transporter Print Name **Signature** **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

MYRON NELSON — Myron Nelson

Facility Print Name **Signature** **Date**

Manifest Number
076

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

PHIL HOFFKEN — 11/4/14

Generator Print Name **Signature** **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

Transporter Print Name **Signature** **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

MYRON NELSON — Myron Nelson

Facility Print Name **Signature** **Date**

Manifest Number

077

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Phil Hoffler		11/4/14
Generator Print Name	**Signature**	**Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Fidel #16		11-4-14
Transporter Print Name	**Signature**	**Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

MYRON NELSON	Myron Nelson	
Facility Print Name	**Signature**	**Date**

Manifest Number

078

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Paul Hoffken | | 11/4/14

Generator Print Name | **Signature** | **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

ALMAR INC | | 11-4-14

Transporter Print Name | **Signature** | **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

Myron Nelson | | 11-4-14

Facility Print Name | **Signature** | **Date**

Manifest Number

079

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Phil Hoffken | | 11/4/14

Generator Print Name | **Signature** | **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Dennis | | 11-24-24

Transporter Print Name | **Signature** | **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

Myron Nelson

Facility Print Name | **Signature** | **Date**

Manifest Number
040

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson — Dan Hickson — 11/5/14
Generator Print Name — **Signature** — **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

Donald Frazer — [signature] — 11/5/14
Transporter Print Name — **Signature** — **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

MYRON NELSON — Myron Nelson — 11/5/14
Facility Print Name — **Signature** — **Date**

Manifest Number
041

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hilkson — Dan Hilkson — 11/5/14
Generator Print Name — **Signature** — **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

ALMAR SP — [signature] — 11/5/14
Transporter Print Name — **Signature** — **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

MYRON NELSON — Myron Nelson — 11-5-14
Facility Print Name — **Signature** — **Date**

Manifest Number

042

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson — Dan Hickson — 11/5/14

Generator Print Name — **Signature** — **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Franci — [signature] — 11/6/14

Transporter Print Name — **Signature** — **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

Myran Nelson — 11-5-14

Facility Print Name — **Signature** — **Date**

Manifest Number
043

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson — Dan Hickson — 11/5/14

Generator Print Name **Signature** **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

GARFIELD — Garfield — 11-5-14

Transporter Print Name **Signature** **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

Myron Nelson — 11-5-14

Facility Print Name **Signature** **Date**

Manifest Number

044

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson — Dan Hickson — 11/5/14

Generator Print Name — **Signature** — **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

REYNOLD — Reynold — 11-05/14

Transporter Print Name — **Signature** — **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

Myran Nelson — 11-5-14

Facility Print Name — **Signature** — **Date**

Manifest Number
045

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson — Dan Hickson — 11/5/14

Generator Print Name **Signature** **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

Transporter Print Name **Signature** **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

MYRON NELSON — Myron Nelson — 11-5-14

Facility Print Name **Signature** **Date**

Manifest Number
046

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Generator Print Name	Signature	Date
Dan Hickson	Dan Hickson	11/5/14

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Transporter Print Name	Signature	Date
JOHN BAILEY	[illegible] Bailey	11-5-14

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

Facility Print Name	Signature	Date
	Myron Nelson	11-5-14

Manifest Number

047

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson | Dan Hickson | 11/5/14

Generator Print Name | **Signature** | **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Transporter Print Name | **Signature** | **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

Myreen Nelson | 11-5-14

Facility Print Name | **Signature** | **Date**

Manifest Number

048

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson — Dan Hickson — 11/5/14

Generator Print Name — **Signature** — **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Wilkis Felix — [illegible] — 11-05-14

Transporter Print Name — **Signature** — **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

MYRON NELSON — Myron Nelson — 11-5-14

Facility Print Name — **Signature** — **Date**

Manifest Number
049

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Generator Print Name	Signature	Date
Dan Hickson	Dan Hickson	11/5/14

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Transporter Print Name	Signature	Date
Claudio	[illegible]	11-5-14

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

Facility Print Name	Signature	Date
Myron Nelson	Myron Nelson	11-5-14

Manifest Number
081

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Phil Hoffken — **Generator Print Name**
Signature
11/4/14 — **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

Robert Martinez — **Transporter Print Name**
Signature
88
11/4/14 — **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

Megan Nelson — **Facility Print Name**
Signature
Date

Manifest Number
082

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

PHIL HOFFKEN — **Generator Print Name**
Signature
11/4/14 — **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

EM ANTHONY — **Transporter Print Name**
Signature
11/4/14 — **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

MYRON NELSON — **Facility Print Name**
Myron Nelson — **Signature**
Date

Manifest Number
083

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

PHIL HOFFKEN — **Generator Print Name**
Signature
11/4/14 — **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

FRANCI — **Transporter Print Name**
Signature
11/4/14 — **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

Facility Print Name
Myran Nelson — **Signature**
Date

Manifest Number
084

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

PHIL HOFFKEN — **Generator Print Name**
Signature
11/4/14 — **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

Transporter Print Name
Ronny Rivas — **Signature**
11-04-14 — **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

MYRON NELSON — **Facility Print Name**
Myron Nelson — **Signature**
Date

Manifest Number
085

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

PHIL HOFFKEN — 11/4/14

Generator Print Name **Signature** **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

Donald Frozes

Transporter Print Name **Signature** **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

Myron Nelson

Facility Print Name **Signature** **Date**

Manifest Number
086

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Generator Print Name	Signature	Date
PHIL HOFFKEN		11/4/14

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

Transporter Print Name	Signature	Date
THOMAS BAILEY		11-4-14

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

Facility Print Name	Signature	Date
MYRON NELSON		

Manifest Number

087

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

PHIL HOFFICEN — 11/4/14

Generator Print Name **Signature** **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Transporter Print Name **Signature** **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

MYRON NELSON — Myron Nelson

Facility Print Name **Signature** **Date**

Manifest Number

088

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

PHIL HOFFKEN — **Generator Print Name**

Signature

11/4/14 — **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Transporter Print Name

Signature

11-04-14 — **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

MYRON NELSON — **Facility Print Name**

Signature

Date

Manifest Number
089

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

PHIL HOFFKEN — 11/4/14

Generator Print Name **Signature** **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

11/4/14

Transporter Print Name **Signature** **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

MYRON NELSON — Myron Nelson

Facility Print Name **Signature** **Date**

Manifest Number
040

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson — Dan Hickson — 11/5/14

Generator Print Name — **Signature** — **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

Donald Frazer — [signature]

Transporter Print Name — **Signature** — **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

Myron Nelson — Myron Nelson

Facility Print Name — **Signature** — **Date**

Manifest Number
041

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hilkson — Dan Hilkson — 11/5/14

Generator Print Name — **Signature** — **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

ALMAR SP — 11/5/14

Transporter Print Name — **Signature** — **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

Myron Nelson — Myron Nelson

Facility Print Name — **Signature** — **Date**

Manifest Number

042

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson — Dan Hickson — 11/5/14

Generator Print Name — **Signature** — **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Frank — [signature] — 11/6/14

Transporter Print Name — **Signature** — **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

Myron Nelson

Facility Print Name — **Signature** — **Date**

Manifest Number
043

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hilkson — Dan Hilkson — 11/5/14

Generator Print Name — **Signature** — **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

GARFIELD — Garfield — 11-5-14

Transporter Print Name — **Signature** — **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

Myron Nelson

Facility Print Name — **Signature** — **Date**

Manifest Number

044

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson | Dan Hickson | 11/5/14

Generator Print Name | **Signature** | **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

REYNOLD | Reynold | 11-05|14

Transporter Print Name | **Signature** | **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

Myram Nelson

Facility Print Name | **Signature** | **Date**

Manifest Number
045

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson | Dan Hickson | 11/5/14
Generator Print Name | **Signature** | **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

Transporter Print Name | **Signature** | **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

Myron Nelson | Myron Nelson
Facility Print Name | **Signature** | **Date**

Manifest Number

046

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson — Dan Hickson — 11/5/14

Generator Print Name — **Signature** — **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Transporter Print Name — **Signature** — **Date**

John Bailey — [illegible] Bailey — 11-5-14

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

Myron Nelson

Facility Print Name — **Signature** — **Date**

Manifest Number

047

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson | Dan Hickson | 11/5/14

Generator Print Name | **Signature** | **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Transporter Print Name | **Signature** | **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

Myriam Nelson

Facility Print Name | **Signature** | **Date**

Manifest Number

048

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson | Dan Hickson | 11/5/14

Generator Print Name | **Signature** | **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Wilkis Felix | [illegible] | 11-05-14

Transporter Print Name | **Signature** | **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

Myron Nelson | Myron Nelson

Facility Print Name | **Signature** | **Date**

Manifest Number

049

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson | Dan Hickson | 11/5/14

Generator Print Name | **Signature** | **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Claude | [illegible]

Transporter Print Name | **Signature** | **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

Myron Nelson | Myron Nelson

Facility Print Name | **Signature** | **Date**

Manifest Number

051

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson | Dan Hickson | 11/5/14

Generator Print Name | **Signature** | **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Ronny Deer | 11-05-14

Transporter Print Name | **Signature** | **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

Myram Nelson

Facility Print Name | **Signature** | **Date**

Manifest Number

052

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson — Dan Hickson — 11/5/14

Generator Print Name — **Signature** — **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Joe Anthony — [signature] — 11/5/14

Transporter Print Name — **Signature** — **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

Myron Nelson — Myron Nelson

Facility Print Name — **Signature** — **Date**

Manifest Number
050

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson — Dan Hickson — 11/5/14

Generator Print Name — **Signature** — **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

Rafael E Rios

Transporter Print Name — **Signature** — **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

MYRON NELSON — Myron Nelson

Facility Print Name — **Signature** — **Date**

Manifest Number
053

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dom Hickson — Dom Hickson — 11/5/14

Generator Print Name — **Signature** — **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

Byron — [signature] — 11-5-14

Transporter Print Name — **Signature** — **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

Myram Nelson

Facility Print Name — **Signature** — **Date**

Manifest Number
054

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson — Dan Hickson — 11/5/14

Generator Print Name — **Signature** — **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

Fidel #10 — [signature] — 11-5-14

Transporter Print Name — **Signature** — **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

MYRON NELSON — Myron Nelson

Facility Print Name — **Signature** — **Date**

Manifest Number
055

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson | Dan Hickson | 11/5/
Generator Print Name | **Signature** | **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

ALMAR INC | C. Perez | 11-5-14
Transporter Print Name | **Signature** | **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

Myram Nelson
Facility Print Name | **Signature** | **Date**

Manifest Number

056

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson | Dan Hickson | 11/5/14

Generator Print Name | **Signature** | **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Julio Lopez | | 11-05-14

Transporter Print Name | **Signature** | **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

Meghan [illegible]

Facility Print Name | **Signature** | **Date**

Manifest Number
057

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson — Dan Hickson — 11/5/14

Generator Print Name — **Signature** — **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

Transporter Print Name — **Signature** — **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

MYRON NELSON — Myron Nelson

Facility Print Name — **Signature** — **Date**

Manifest Number

058

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Don Hickson — Don Hickson — 11/5/14

Generator Print Name — **Signature** — **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Transporter Print Name — **Signature** — **Date**

John Bailey — Bailey — 11-5-14

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

Myron Nelson

Facility Print Name — **Signature** — **Date**

Manifest Number
080

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

PHIL HOFFKEN — **Generator Print Name**
Signature
11/4/14 — **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

ALMAR — **Transporter Print Name**
Signature
11-4-14 — **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

Facility Print Name
Signature
Date

Manifest Number

059

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Don Hickson | Don Hickson | 11/19/14

Generator Print Name | **Signature** | **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Donald | [illegible] | [illegible]

Transporter Print Name | **Signature** | **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

MBC | [illegible] | 11/19/14

Facility Print Name | **Signature** | **Date**

Manifest Number
060

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Generator Print Name	Signature	Date
Dan Hickson	Dan Hickson	11/19/14

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

Transporter Print Name	Signature	Date
ALMAR	[illegible]	10-19 14

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

Facility Print Name	Signature	Date
MBC	[illegible]	11/19/14

Manifest Number

061

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson — Dan Hickson — 11/19/14

Generator Print Name — **Signature** — **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Wilkis Feliz — [signature] — 11-19-14

Transporter Print Name — **Signature** — **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

MBC — [signature] — 11/19/14

Facility Print Name — **Signature** — **Date**

Manifest Number

062

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson	Dan Hickson	11/19/14
Generator Print Name	**Signature**	**Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Floyd		
Transporter Print Name	**Signature**	**Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

MBC		11/19/14
Facility Print Name	**Signature**	**Date**

Manifest Number
090

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson | Dan Hickson | 11/19/14
Generator Print Name | **Signature** | **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

Fiddlent Matato | | 11/19/14
Transporter Print Name | **Signature** | **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

MBC | | 11/19/14
Facility Print Name | **Signature** | **Date**

Manifest Number

091

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson	Dan Hickson	11/19/14
Generator Print Name	**Signature**	**Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

GARFIELD		11-19-14
Transporter Print Name	**Signature**	**Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

MBC		11/19/14
Facility Print Name	**Signature**	**Date**

Manifest Number
092

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Generator Print Name	Signature	Date
Don Hickson	Don Hickson	11/14/14

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

Transporter Print Name	Signature	Date
REYNOLD	Reynold	11-19-14

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

Facility Print Name	Signature	Date
MBC	[illegible]	11/19/14

Manifest Number

093

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Generator Print Name	Signature	Date
Don Hickson	Don Hickson	11/19/14

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Transporter Print Name	Signature	Date
ALMAR SP	[illegible]	11/19/14

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

Facility Print Name	Signature	Date
MBC	[illegible]	11/19/14

Manifest Number
094

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson | Dan Hickson | 11/19/14

Generator Print Name | **Signature** | **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

ALMAR Supplies | Eddie | 11/19/14

Transporter Print Name | **Signature** | **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

MBC | [illegible] | 11/19/14

Facility Print Name | **Signature** | **Date**

Manifest Number

095

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson | Dan Hickson | 11/19/14

Generator Print Name | **Signature** | **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Brandon Williams | [illegible] | 11.19.14

Transporter Print Name | **Signature** | **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

MBC | [illegible] | 11/19/14

Facility Print Name | **Signature** | **Date**

Manifest Number
096

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Don Hickson | Don Hickson | 11/19/14

Generator Print Name | **Signature** | **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

Romai

Transporter Print Name | **Signature** | **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

MBC | | 11/19/14

Facility Print Name | **Signature** | **Date**

Manifest Number

097

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson — Dan Hickson — 11/19/14

Generator Print Name — **Signature** — **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Fidel — [illegible] — 11-19-14

Transporter Print Name — **Signature** — **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

MBC — [illegible] — 11/19/14

Facility Print Name — **Signature** — **Date**

Manifest Number
098

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson — Dan Hickson — 11/19/14
Generator Print Name — **Signature** — **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

Robert Keelon — — 11/19/14
Transporter Print Name — **Signature** — **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

MBC — — 11-19-14
Facility Print Name — **Signature** — **Date**

Manifest Number
099

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson — Dan Hickson — 11/21/14
Generator Print Name — **Signature** — **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

Wilkis Fez
Transporter Print Name — **Signature** — **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

MBC — 11/21/14
Facility Print Name — **Signature** — **Date**

Manifest Number
100

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

PHIL HOFFILER — 11/21/14

Generator Print Name **Signature** **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

Donald

Transporter Print Name **Signature** **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

MBC — 11/21/14

Facility Print Name **Signature** **Date**

Manifest Number

101

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Eric Hoffkin — 11/21/14

Generator Print Name **Signature** **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Jaddiel Valdez — 11/21/14

Transporter Print Name **Signature** **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

MBC — 11/21/14

Facility Print Name **Signature** **Date**

Manifest Number

102

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Phil Hoffkein		11/21/14
Generator Print Name	**Signature**	**Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

GARFIELD		11-21-14
Transporter Print Name	**Signature**	**Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

MBC		11/21/14
Facility Print Name	**Signature**	**Date**

Manifest Number

103

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Phil Hoffman		11/21/14
Generator Print Name	**Signature**	**Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

REYNOLD	Reynold	11.21.14
Transporter Print Name	**Signature**	**Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

MBC		11/21/14
Facility Print Name	**Signature**	**Date**

Manifest Number
104

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

PHIL HOFFKEN — 11/21/14

Generator Print Name **Signature** **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

Transporter Print Name **Signature** **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

MBC — 11/21/14

Facility Print Name **Signature** **Date**

Manifest Number
105

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Generator Print Name	Signature	Date
PHIL HOFFLER		11/21/14

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

Transporter Print Name	Signature	Date
HENRY E	Henri E	11/21/14

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

Facility Print Name	Signature	Date
ABC		11/21/14

Manifest Number
106

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Phil Hoffken — 11/21/14

Generator Print Name **Signature** **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

10-21-14

Transporter Print Name **Signature** **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

MBQ — 11/21/14

Facility Print Name **Signature** **Date**

Manifest Number
107

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Generator Print Name	Signature	Date
PAUL HOFFMAN		11/21/14

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

Transporter Print Name	Signature	Date
		11/21/14

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

Facility Print Name	Signature	Date
MBC		11/21/14

Manifest Number
108

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Phil Hoffken — **Generator Print Name** | **Signature** | 11/21/14 **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

Transporter Print Name | **Signature** | 11/21/14 **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

Facility Print Name | **Signature** | 11/21/14 **Date**

Manifest Number

109

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Phil Hoffken Jr — **Generator Print Name**

Signature

4/21/14 — **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

CLIFF — **Transporter Print Name**

Signature

Date

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

MBC — **Facility Print Name**

Signature

11/21/14 — **Date**

Manifest Number
110

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Generator Print Name	Signature	Date
Phil Hoffken Jr		11/21/14

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

Transporter Print Name	Signature	Date
Julio Lopez		11-21-14

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

Facility Print Name	Signature	Date
MBC		11/21/14

Manifest Number
111

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Generator Print Name **Signature** **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

John Bailey 11-21-14

Transporter Print Name **Signature** **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

MBC 11/21/14

Facility Print Name **Signature** **Date**

Manifest Number

112

#455006

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Phil Hoffken — **Generator Print Name**

Signature

11/21/14 — **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Robinson Tatis — **Transporter Print Name**

Signature

11-21-14 — **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

MBC — **Facility Print Name**

Signature

11/21/14 — **Date**

Manifest Number
113

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

PHIL HOFFLER — 11/24/14

Generator Print Name **Signature** **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

Donald — Donald

Transporter Print Name **Signature** **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

MBC — 11/24/14

Facility Print Name **Signature** **Date**

Manifest Number

114

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Paul Hoffler — **Generator Print Name**

Signature

11/24/14 — **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

GARFIELD — **Transporter Print Name**

Signature

11-24-14 — **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

MBC — **Facility Print Name**

Signature

11/24/14 — **Date**

Manifest Number
115

#455010

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Phil Hoffken — 11/24/14

Generator Print Name **Signature** **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

Robinson for Fis — 11-24-14

Transporter Print Name **Signature** **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

11/24/14

Facility Print Name **Signature** **Date**

Manifest Number

116

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Generator Print Name	Signature	Date
Phil Hoffken Jr		11/24/14

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Transporter Print Name	Signature	Date
Ramon Wallcraus		11-24-14

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

Facility Print Name	Signature	Date
MBC		11/24/14

Manifest Number

117

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

PHIL HOFFKEN — 11/24/14

Generator Print Name **Signature** **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Transporter Print Name **Signature** **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

MBC — 11/24/14

Facility Print Name **Signature** **Date**

Manifest Number
118

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Phil Hoffken Sr		11/24/14
Generator Print Name	**Signature**	**Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

CLIFF		11-24-14
Transporter Print Name	**Signature**	**Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

MBC		11/24/14
Facility Print Name	**Signature**	**Date**

Manifest Number

119

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

PHIL HOFFKEN — **Generator Print Name**

Signature

11/24/14 — **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

REYNOLD — **Transporter Print Name**

Signature

11-24-14 — **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

MBC — **Facility Print Name**

Signature

11/24/14 — **Date**

Manifest Number

120

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Generator Print Name	Signature	Date
Paul Hoffken		11/24/14

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Transporter Print Name	Signature	Date
ALMAR SP		11/24/14

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

Facility Print Name	Signature	Date
MDC		11/24/14

Manifest Number

121

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Generator Print Name	Signature	Date
	Pan Horrkor	11/24/14

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Transporter Print Name	Signature	Date
	Agent	10-24-14

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

Facility Print Name	Signature	Date
MBC		11/24/14

Manifest Number
122

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

PHIL MOFFLER — 11/24/14

Generator Print Name **Signature** **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

R. CHAVIS

Transporter Print Name **Signature** **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

MBC — 11/24/14

Facility Print Name **Signature** **Date**

Manifest Number
123

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Paul Hoffker | [signature] | 11/24/14
Generator Print Name | **Signature** | **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

[signature] | 11-24-14
Transporter Print Name | **Signature** | **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

MBQ | [signature] | 11/24/14
Facility Print Name | **Signature** | **Date**

Manifest Number

124

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Generator Print Name	Signature	Date
Jack Hoffler		11/24/14

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Transporter Print Name	Signature	Date
Chris Marin		11/24/14

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

Facility Print Name	Signature	Date
MBC		11/28/14

Manifest Number

125

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Paul Hoffman | | 11/24/14

Generator Print Name | **Signature** | **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Transporter Print Name | **Signature** | **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

MBC | | 11/24/14

Facility Print Name | **Signature** | **Date**

Manifest Number
126

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Phil Hoffker | | 11/24/14
Generator Print Name | **Signature** | **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

Lewis | |
Transporter Print Name | **Signature** | **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

Facility Print Name | **Signature** | **Date**

Manifest Number
127

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Phil Hoffker		11/24/14
Generator Print Name	**Signature**	**Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

Fidel #10		11-24-14
Transporter Print Name	**Signature**	**Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

MBC		11/25/14
Facility Print Name	**Signature**	**Date**

Manifest Number
128

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Generator Print Name	Signature	Date
PHIL HOFFKEN		11/24/14

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

Transporter Print Name	Signature	Date
BYRON		11/24/14

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

Facility Print Name	Signature	Date
MBC		11/24/14

Manifest Number
129

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Generator Print Name	Signature	Date
PHIL HOFFKEN		11/24/14

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

Transporter Print Name	Signature	Date
HENRY E	Henri E	11/24/14

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

Facility Print Name	Signature	Date
WBC		11/25/14

Manifest Number

130

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

PHIL HOFFKEN — 12/5/14

Generator Print Name **Signature** **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Transporter Print Name **Signature** **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-~~8231~~

MBC

Facility Print Name **Signature** **Date**

Manifest Number
131

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

PHIL HOFFKEN — 12/5/14

Generator Print Name **Signature** **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

Joddert Matute — 11/5/14

Transporter Print Name **Signature** **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

12/5/14

Facility Print Name **Signature** **Date**

Manifest Number
132

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Generator Print Name	Signature	Date
PHIL HOFFKEN		12/5/14

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

Transporter Print Name	Signature	Date
ALMAR SUPPLIES	HENRY E	12/05/14

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

Facility Print Name	Signature	Date
MBC		12/5/14

Manifest Number
133

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

PAUL HOFFKEN — 12/5/14

Generator Print Name **Signature** **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

JOHN BAILEY — 12-5-14

Transporter Print Name **Signature** **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

MBC — 12/5/14

Facility Print Name **Signature** **Date**

Manifest Number
142

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Generator Print Name	Signature	Date
Dan Hickson	Dan Hickson	12/12/14

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

Transporter Print Name	Signature	Date
Claude	[illegible]	12/12/14

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

Facility Print Name	Signature	Date
[illegible]	[illegible]	12/12/14

Manifest Number

143

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson | Dan Hickson | 12/12/14

Generator Print Name | **Signature** | **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Donald | Donald

Transporter Print Name | **Signature** | **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

MBC | | 12/12/14

Facility Print Name | **Signature** | **Date**

Manifest Number

144

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Generator Print Name	Signature	Date
Dan Hickson	Dan Hickson	12/12/14

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Transporter Print Name	Signature	Date
[illegible]	[illegible]	12/12/14

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

Facility Print Name	Signature	Date
MBC	[illegible]	12/12/14

Manifest Number
145

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper,condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Don Hickson — Don Hickson — 12/12/14

Generator Print Name **Signature** **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

Transporter Print Name **Signature** **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

MBa — 12/15/14

Facility Print Name **Signature** **Date**

Manifest Number
146

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Generator Print Name	Signature	Date
Dan Hickson	Dan Hickson	12/12/14

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

Transporter Print Name	Signature	Date
Jiddlet Mallek		

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

Facility Print Name	Signature	Date
MBC		12/12/14

Manifest Number
147

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson — Dan Hickson — 12/12/14

Generator Print Name — **Signature** — **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

Jorge Reyes — [illegible] — 12/11/14

Transporter Print Name — **Signature** — **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

MBQ — [illegible] — 12/12/14

Facility Print Name — **Signature** — **Date**

Manifest Number
148

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson — 12/12/14

Generator Print Name **Signature** **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

Transporter Print Name **Signature** **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

MBC — 12/12/14

Facility Print Name **Signature** **Date**

Manifest Number

149

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson | Dan Hickson | 12/12/14

Generator Print Name | **Signature** | **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

REXNOLD | Reynold | 12.12.14

Transporter Print Name | **Signature** | **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

MBC | | 12/12/14

Facility Print Name | **Signature** | **Date**

Manifest Number
150

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson — 12/12/14

Generator Print Name **Signature** **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

Wilks Feliz — 12-12-14

Transporter Print Name **Signature** **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

MBC — 12/12/14

Facility Print Name **Signature** **Date**

Manifest Number

151

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson	Dan Hickson	12/12/14
Generator Print Name	**Signature**	**Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

ALMAR SP	[illegible]	12/12/14
Transporter Print Name	**Signature**	**Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

MBL	[illegible]	12/17/14
Facility Print Name	**Signature**	**Date**

Manifest Number
152

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson — 12/12/14

Generator Print Name **Signature** **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

12-12-14

Transporter Print Name **Signature** **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

MBC — 12/12/14

Facility Print Name **Signature** **Date**

Manifest Number
153

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson — Dan Hickson — 12/12/14
Generator Print Name — **Signature** — **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

CARLOS PEREZ — C.P. — 12-12-14
Transporter Print Name — **Signature** — **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

MBQ — 12/12/14
Facility Print Name — **Signature** — **Date**

Manifest Number

154

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson — Dan Hickson — 12/12/14

Generator Print Name **Signature** **Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

GARFIELD

Transporter Print Name **Signature** **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

MBC — 12/12/14

Facility Print Name **Signature** **Date**

Manifest Number

155

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue

Address: 102-14 Liberty Avenue

City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson	Dan Hickson	12/12/14
Generator Print Name	**Signature**	**Date**

Transporter

Transporter Name: Almar Supplies, Inc.

Address: 57-05 47th Street

City, State, Zip: Maspeth, NY 11378

Phone Number: (718)456-8636

		12.12.14
Transporter Print Name	**Signature**	**Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park

Address: 45 Holt Drive

City, State, Zip: Stony Point, NY 10980

Phone Number: (845)429-8231

MBC		12/12/14
Facility Print Name	**Signature**	**Date**

Manifest Number
156

Non-Hazardous Material Manifest

Generator

Generator Name: 102-14 Liberty Avenue
Address: 102-14 Liberty Avenue
City, State, Zip: Ozone Park, NY 11417

Waste Description	No.	Type	Total Quantity	Unit
Regulated Fill	1	DT	30	Y

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The material described on this manifest is not subject to federal hazardous waste regulations.

Dan Hickson — 12/12/14

Generator Print Name **Signature** **Date**

Transporter

Transporter Name: Almar Supplies, Inc.
Address: 57-05 47th Street
City, State, Zip: Maspeth, NY 11378
Phone Number: (718)456-8636

Dennis — 12-12-2014

Transporter Print Name **Signature** **Date**

Destination

Disposal Facility Name: Hudson River Views Industrial Park
Address: 45 Holt Drive
City, State, Zip: Stony Point, NY 10980
Phone Number: (845)429-8231

12/12/14

Facility Print Name **Signature** **Date**

EXCAV SERVICES
PO Box 409 Wading River NY 11792

LOAD COUNTS
& WEIGHTS
In-bound soils NYC soil bank from Liberty Ave
Meadow Lake Wetland
For Invoice MAY 2105

LIBERTY AVE INBOUND SOILS

Load #	Date	Ticket #	Departing Time	CY on ticket	Estimated CY truck volume received	Anticipated loss upon placement & compaction	Yds
1	12/19/14	1	905	20	14	0.85	11.90
2	12/19/14	2	1030	20	14	0.85	11.90
3	12/19/14	3	1120	20	14	0.85	11.90
4	12/19/14	4	1200	20	14	0.85	11.90
5	12/22/14	5	800	15	15	0.85	12.75
6	12/22/14	6	748	20	14	0.85	11.90
7	12/22/14	7	925	15	15	0.85	12.75
8	12/22/14	8	930	20	14	0.85	11.90
9	12/22/14	9	1040	15	15	0.85	12.75
10	12/22/14	10	1050	20	14	0.85	11.90
11	05/01/15	11	935	30	26	0.85	22.10
12	05/01/15	12	1120	30	26	0.85	22.10
13	05/01/15	13	1340	30	28	0.85	23.80
14	05/05/15	14	720	20	15	0.85	12.75
15	05/05/15	15	740	20	15	0.85	12.75
16	05/05/15	16	820	30	25	0.85	21.25
17	05/05/15	17	910	30	27	0.85	22.95
18	05/05/15	18	922	15	12	0.85	10.20
19	05/05/15	19	1000	15	18	0.85	15.30
20	05/05/15	20	1055	30	25	0.85	21.25
21	05/05/15	21	1116	20	16	0.85	13.60
22	05/05/15	22	1145	30	27	0.85	22.95
23	05/05/15	23	1200	20	17	0.85	14.45
24	05/05/15	24	1250	20	17	0.85	14.45
25	05/05/15	25	1315	30	26	0.85	22.10
26	05/05/15	26	1331	20	17	0.85	14.45
27	05/06/15	27	740	15	17	0.85	14.45
28	05/06/15	28	805	30	30	0.85	25.50
29	05/06/15	29	900	15	18	0.85	15.30
30	05/06/15	30	1030	15	18	0.85	15.30
31	05/06/15	31	1055	15	15	0.85	12.75
32	05/06/15	32	1215	15	18	0.85	15.30
33	05/06/15	33	1250	15	18	0.85	15.30
34	05/07/15	34	720	15	18	0.85	15.30
35	05/07/15	35	900	15	14	0.85	11.90
36	05/07/15	36	920	30	29	0.85	24.65
37	05/07/15	37	1010	15	15	0.85	12.75
38	05/07/15	38	1105	30	30	0.85	25.50
39	05/07/15	39	1122	15	15	0.85	12.75
40	05/07/15	40	1249	30	29	0.85	24.65
41	05/11/15	41	742	15	15	0.85	12.75
42	05/11/15	42	805	15	15	0.85	12.75
43	05/11/15	43	825	15	15	0.85	12.75
44	05/11/15	44	840	15	15	0.85	12.75
45	05/11/15	45	850	15	15	0.85	12.75
46	05/11/15	46	901	15	15	0.85	12.75
47	05/11/15	47	955	15	15	0.85	12.75
48	05/11/15	48	1010	15	15	0.85	12.75
49	05/11/15	49	1030	15	15	0.85	12.75
50	05/11/15	50	1041	15	15	0.85	12.75
51	05/11/15	51	1055	15	15	0.85	12.75
52	05/11/15	52	1110	15	15	0.85	12.75
53	05/11/15	53	1130	15	15	0.85	12.75
54	05/11/15	54	1140	15	15	0.85	12.75

Ticket Volume **1055** Est In-place Volume **827.90**

Truck Volume 960

Total needed to complete project **817** Percent complete **101.33**

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 001

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 12/19/2014	2. DRIVER/HAULER SBN ENTERPRISE INC	3. TRUCK LICENSE 15570M6	4. CUBIC YARDS/TONS 20
5. NAME OF GENERATING SITE (Include OER Project Number and Name) 102-14 Liberty Avenue, Ozone Park, NY OER Project # 14EH-N350Q VCP Number 14CVCP234Q			
6. SIGNATURE OF QEP (AT GENERATING SITE) I, Phil Hoffman, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination. Name Company J.R. Holzmacher P.E. LLC			DEPARTURE TIME 0905
7. NAME OF RECEIVING SITE Flushing Meadows Corona Park - Meadow Lake Treatment Wetland			
8. SIGNATURE OF PARTY ACCEPTING DELIVERY Signature Name Tim Governale Company EXCAV Services			ARRIVAL TIME 9:30

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 002

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 12/19/2014	2. DRIVER/HAULER SBN ENTERPRISE / RAJ.	3. TRUCK LICENSE 15570 MG	4. CUBIC YARDS/TONS 20 yd³
5. NAME OF GENERATING SITE (Include OER Project Number and Name) 102-14 Liberty Avenue, Ozone Park, NY OER Project # 14EH-N350Q VCP Number 14CVCP234Q			
6. SIGNATURE OF QEP (AT GENERATING SITE) I, Phil Hoffler, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination. Name [signature] Company J.R. Holzmacher P.E. LLC			DEPARTURE TIME 1030
7. NAME OF RECEIVING SITE Flushing Meadows Corona Park - Meadow Lake Treatment Wetland			
8. SIGNATURE OF PARTY ACCEPTING DELIVERY Signature [signature] Name Dyin Conolnie Company EXON Services			ARRIVAL TIME 11.05

14

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 003

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 12/19/2014	2. DRIVER/HAULER SOUTHERN LAND DEVELOPMENT, LLC	3. TRUCK LICENSE 21443 MD	4. CUBIC YARDS/TONS 20
5. NAME OF GENERATING SITE (Include OER Project Number and Name) 102-14 Liberty Avenue, Ozone Park, NY OER Project # 14EH-N350Q VCP Number 14CVCP234Q			
6. SIGNATURE OF QEP (AT GENERATING SITE) I, PHIL HOFFKEN, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination. Name Company J.R. Holzmacher P.E. LLC			DEPARTURE TIME 1120
7. NAME OF RECEIVING SITE Flushing Meadows Corona Park - Meadow Lake Treatment Wetland			
8. SIGNATURE OF PARTY ACCEPTING DELIVERY Signature Name DYLAN GOVOLNTE Company EXCAV			ARRIVAL TIME 12:05

14

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 204

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 12/19/2014	2. DRIVER/HAULER SBN ENTERPRISES INC / RAS.	3. TRUCK LICENSE 15570MG	4. CUBIC YARDS/TONS 20
5. NAME OF GENERATING SITE (Include OER Project Number and Name) 102-14 Liberty Avenue, Ozone Park, NY OER Project # 14EH-N350Q VCP Number 14CVCP234Q			
6. SIGNATURE OF QEP (AT GENERATING SITE) I, PHIL HOFFLER, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination. Name Company J.R. Holzmacher P.E. LLC			DEPARTURE TIME 1200
7. NAME OF RECEIVING SITE Flushing Meadows Corona Park - Meadow Lake Treatment Wetland			
8. SIGNATURE OF PARTY ACCEPTING DELIVERY Signature Name DYAN COVELNAR Company EXCAV SERVICES			ARRIVAL TIME 12:30

14

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 005

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. DRIVER/HAULER	3. TRUCK LICENSE	4. CUBIC YARDS/TONS
12/22/2014	SBN ENTERPRISES	14628 ME	15

5. NAME OF GENERATING SITE (Include OER Project Number and Name)
102-14 Liberty Avenue, Ozone Park, NY
OER Project # 14EH-N350Q
VCP Number 14CVCP234Q

6. SIGNATURE OF QEP (AT GENERATING SITE)

I, PAUL HOFFKEN, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination.

Name

Company J.R. Holzmacher P.E. LLC

DEPARTURE TIME

0800

7. NAME OF RECEIVING SITE
Flushing Meadows Corona Park - Meadow Lake Treatment Wetland

8. SIGNATURE OF PARTY ACCEPTING DELIVERY

Signature

Name DRIAN CARVALHO

Company EXCAV

ARRIVAL TIME

8:27

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 006

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. DRIVER/HAULER	3. TRUCK LICENSE	4. CUBIC YARDS/TONS
12/22/2014	SBN ENTERPRISES / RAJ	15570 M6	20

5. NAME OF GENERATING SITE (Include OER Project Number and Name)
102-14 Liberty Avenue, Ozone Park, NY
OER Project # 14EH-N350Q
VCP Number 14CVCP234Q

6. SIGNATURE OF QEP (AT GENERATING SITE)

I, PHIL HOFFKEN, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination.

Name [signature]

Company J.R. Holzmacher P.E. LLC

DEPARTURE TIME 7:48

7. NAME OF RECEIVING SITE
Flushing Meadows Corona Park - Meadow Lake Treatment Wetland

8. SIGNATURE OF PARTY ACCEPTING DELIVERY

Signature [signature]

Name DYAN GOVERNALE

Company EXCAV SERVICES

ARRIVAL TIME 8:23

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 007

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. DRIVER/HAULER	3. TRUCK LICENSE	4. CUBIC YARDS/TONS
12/22/2014	SBN ENTERPRISES / [illegible]	14628 ME	~~[illegible]~~ 15

5. NAME OF GENERATING SITE (Include OER Project Number and Name)
102-14 Liberty Avenue, Ozone Park, NY
OER Project # 14EH-N350Q
VCP Number 14CVCP234Q

6. SIGNATURE OF QEP (AT GENERATING SITE)

I, PHIL HOFFKEN, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination.

Name [signature]

Company J.R. Holzmacher P.E. LLC

DEPARTURE TIME
0925
~~0800~~

7. NAME OF RECEIVING SITE
Flushing Meadows Corona Park - Meadow Lake Treatment Wetland

8. SIGNATURE OF PARTY ACCEPTING DELIVERY

Signature [signature]

Name DIAN GONCALVES

Company EXCAV SERVICES

ARRIVAL TIME
9:44

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 008

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 12/22/2014	2. DRIVER/HAULER SBN ENTERPRISES	3. TRUCK LICENSE 15570MG	4. CUBIC YARDS/TONS 20
5. NAME OF GENERATING SITE (Include OER Project Number and Name) 102-14 Liberty Avenue, Ozone Park, NY OER Project # 14EH-N350Q VCP Number 14CVCP234Q			
6. SIGNATURE OF QEP (AT GENERATING SITE) I, PHIL HOFFKER, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination. Name Company J.R. Holzmacher P.E. LLC			DEPARTURE TIME 0930
7. NAME OF RECEIVING SITE Flushing Meadows Corona Park - Meadow Lake Treatment Wetland			
8. SIGNATURE OF PARTY ACCEPTING DELIVERY Signature Name RYAN GOVELNAC Company EXCAV SERVICES			ARRIVAL TIME 10:00

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 009

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. DRIVER/HAULER	3. TRUCK LICENSE	4. CUBIC YARDS/TONS
12/22/2014	SBN ENTERPRISES	14628ME	15

5. NAME OF GENERATING SITE (Include OER Project Number and Name)
102-14 Liberty Avenue, Ozone Park, NY
OER Project # 14EH-N350Q
VCP Number 14CVCP234Q

6. SIGNATURE OF QEP (AT GENERATING SITE)

I, PHIL HOFFKEN, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination.

Name

Company J.R. Holzmacher P.E. LLC

DEPARTURE TIME 1040

7. NAME OF RECEIVING SITE
Flushing Meadows Corona Park - Meadow Lake Treatment Wetland

8. SIGNATURE OF PARTY ACCEPTING DELIVERY

Signature

Name DYLAN GOVERNALE

Company EXCAV SOLUTIONS

ARRIVAL TIME 11:08

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 010

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. DRIVER/HAULER	3. TRUCK LICENSE	4. CUBIC YARDS/TONS
12/22/2014	SB ENTERPRISES / RAJ.	15570MG	20

5. NAME OF GENERATING SITE (Include OER Project Number and Name)
102-14 Liberty Avenue, Ozone Park, NY
OER Project # 14EH-N350Q
VCP Number 14CVCP234Q

6. SIGNATURE OF QEP (AT GENERATING SITE)

I, Phil Hoffken, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination.

Name

Company J.R. Holzmacher P.E. LLC

DEPARTURE TIME 1050

7. NAME OF RECEIVING SITE
Flushing Meadows Corona Park - Meadow Lake Treatment Wetland

8. SIGNATURE OF PARTY ACCEPTING DELIVERY

Signature

Name Dylan Gavelnaar

Company Excon Services

ARRIVAL TIME 11:25

14 YDS

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 011

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 5/1/2015	2. DRIVER/HAULER WILLIAM IEV TRUCKING CORP 007	3. ~~TRUCK~~ LICENSE TRAILER	4. CUBIC YARDS/TONS 30 26
5. NAME OF GENERATING SITE (Include OER Project Number and Name) 102-14 Liberty Avenue, Ozone Park, NY OER Project # 14EH-N350Q VCP Number 14CVCP234Q			
6. SIGNATURE OF QEP (AT GENERATING SITE) I, PHILIP HOFFKEN J, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination. Name Company J.R. Holzmacher P.E. LLC			DEPARTURE TIME 0935
7. NAME OF RECEIVING SITE Flushing Meadows Corona Park - Meadow Lake Treatment Wetland			
8. SIGNATURE OF PARTY ACCEPTING DELIVERY Signature Name Robert Gnevale Company LCA			ARRIVAL TIME 10:00

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 012

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 5/1/2015	2. DRIVER/HAULER William IEV Trucking Corp 007	3. ~~TRUCK~~ TRAILER LICENSE BG 19337	4. CUBIC YARDS/TONS 30

5. NAME OF GENERATING SITE (Include OER Project Number and Name)
102-14 Liberty Avenue, Ozone Park, NY
OER Project # 14EH-N350Q
VCP Number 14CVCP234Q

6. SIGNATURE OF QEP (AT GENERATING SITE)

I, Philip Hoffke Jr, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination.

Name

Company J.R. Holzmacher P.E. LLC

DEPARTURE TIME

1120

7. NAME OF RECEIVING SITE
Flushing Meadows Corona Park - Meadow Lake Treatment Wetland

8. SIGNATURE OF PARTY ACCEPTING DELIVERY

Signature

Name Joe Johannemann

Company EXCAV

ARRIVAL TIME

12:03

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 013

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 5/1/2015	2. DRIVER/HAULER William 1EV Trucking	3. TRUCK LICENSE	4. CUBIC YARDS/TONS 30
5. NAME OF GENERATING SITE (Include OER Project Number and Name) 102-14 Liberty Avenue, Ozone Park, NY OER Project # 14EH-N350Q VCP Number 14CVCP234Q			
6. SIGNATURE OF QEP (AT GENERATING SITE) I, Philip Hoffken, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination. Name [signature] Company J.R. Holzmacher P.E. LLC			DEPARTURE TIME 1340
7. NAME OF RECEIVING SITE Flushing Meadows Corona Park - Meadow Lake Treatment Wetland			
8. SIGNATURE OF PARTY ACCEPTING DELIVERY Signature [signature] Name Joe Johannemann Company EXCAV			ARRIVAL TIME 14:22

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 026

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 5/5/2015	2. DRIVER/HAULER ST. Clair	3. TRUCK LICENSE R02616	4. CUBIC YARDS/TONS 20

5. NAME OF GENERATING SITE (Include OER Project Number and Name)
102-14 Liberty Avenue, Ozone Park, NY
OER Project # 14EH-N350Q
VCP Number 14CVCP234Q

6. SIGNATURE OF QEP (AT GENERATING SITE)

I, Dan Hickson, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination.

Name Dan Hickson

Company J.R. Holzmacher P.E. LLC

DEPARTURE TIME

1:31

7. NAME OF RECEIVING SITE
Flushing Meadows Corona Park - Meadow Lake Treatment Wetland

8. SIGNATURE OF PARTY ACCEPTING DELIVERY

Signature [illegible]

Name Jimmy McClam

Company EXCAV

ARRIVAL TIME

2:10

ST. CLAIR = 17 YARDS

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 025

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 5/15/2015	2. DRIVER/HAULER IEV Trucking #12	3. TRUCK LICENSE R04	4. CUBIC YARDS/TONS 30
5. NAME OF GENERATING SITE (Include OER Project Number and Name) 102-14 Liberty Avenue, Ozone Park, NY OER Project # 14EH-N350Q VCP Number 14CVCP234Q			
6. SIGNATURE OF QEP (AT GENERATING SITE) I, Daniel Hickson, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination. Name Dan Hickson Company J.R. Holzmacher P.E. LLC			DEPARTURE TIME 1:15
7. NAME OF RECEIVING SITE Flushing Meadows Corona Park - Meadow Lake Treatment Wetland			
8. SIGNATURE OF PARTY ACCEPTING DELIVERY Signature Name Jimmy McClam Company EXCAV			ARRIVAL TIME 1:54

#12 = 26 YARDS.

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 024

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 5/5/2015	2. DRIVER/HAULER DJCI enterprises #24	3. TRUCK LICENSE R-8418	4. CUBIC YARDS/TONS 20

5. NAME OF GENERATING SITE (Include OER Project Number and Name)
102-14 Liberty Avenue, Ozone Park, NY
OER Project # 14EH-N350Q
VCP Number 14CVCP234Q

6. SIGNATURE OF QEP (AT GENERATING SITE)

I, Daniel Hickson, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination.

Name Dan Hickson

Company J.R. Holzmacher P.E. LLC

DEPARTURE TIME 12:50

7. NAME OF RECEIVING SITE
Flushing Meadows Corona Park - Meadow Lake Treatment Wetland

8. SIGNATURE OF PARTY ACCEPTING DELIVERY

Signature [illegible]

Name Jimmy McClam

Company EX CDV

ARRIVAL TIME 1:34

#24 = 17 YARDS

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 023

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 5/5/2015	2. DRIVER/HAULER ST. Clair	3. TRUCK LICENSE R02616	4. CUBIC YARDS/TONS 20
5. NAME OF GENERATING SITE (Include OER Project Number and Name) 102-14 Liberty Avenue, Ozone Park, NY OER Project # 14EH-N350Q VCP Number 14CVCP234Q			
6. SIGNATURE OF QEP (AT GENERATING SITE) I, Daniel Hickson, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination. Name [signature] Company J.R. Holzmacher P.E. LLC			DEPARTURE TIME 12:00
7. NAME OF RECEIVING SITE Flushing Meadows Corona Park - Meadow Lake Treatment Wetland			
8. SIGNATURE OF PARTY ACCEPTING DELIVERY Signature [signature] Name Jimmy McClain Company EXCAV			ARRIVAL TIME 12:30

17 YARDS

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 022

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 5/5/2015	2. DRIVER/HAULER greg St Clair #10	3. TRUCK LICENSE R03673	4. CUBIC YARDS/TONS 30

5. NAME OF GENERATING SITE (Include OER Project Number and Name)
102-14 Liberty Avenue, Ozone Park, NY
OER Project # 14EH-N350Q
VCP Number 14CVCP234Q

6. SIGNATURE OF QEP (AT GENERATING SITE)

I, Daniel Hickson, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination.

Name [signature]

Company J.R. Holzmacher P.E. LLC

DEPARTURE TIME
11:45

7. NAME OF RECEIVING SITE
Flushing Meadows Corona Park - Meadow Lake Treatment Wetland

8. SIGNATURE OF PARTY ACCEPTING DELIVERY

Signature [signature]

Name Jimmy McClam

Company EXCAV

ARRIVAL TIME
12:15

#10 = 27 YARDS

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 021

021

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 5/5/2015	2. DRIVER/HAULER DJCI Enterprises #24	3. TRUCK LICENSE ~~R-8412~~ R-8418	4. CUBIC YARDS/TONS 20

5. NAME OF GENERATING SITE (Include OER Project Number and Name)
102-14 Liberty Avenue, Ozone Park, NY
OER Project # 14EH-N350Q
VCP Number 14CVCP234Q

6. SIGNATURE OF QEP (AT GENERATING SITE)	DEPARTURE TIME
I, Daniel Hickson, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination. Name [signature] Company J.R. Holzmacher P.E. LLC	11:16

7. NAME OF RECEIVING SITE
Flushing Meadows Corona Park - Meadow Lake Treatment Wetland

8. SIGNATURE OF PARTY ACCEPTING DELIVERY	ARRIVAL TIME
Signature [signature] Name Jimmy McClam Company EXCAV	11:50

#24 = 16 YARDS.

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 020

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 5/5/2015	2. DRIVER/HAULER I.E.V. Trucking #12	3. TRUCK LICENSE R04689	4. CUBIC YARDS/TONS 30
5. NAME OF GENERATING SITE (Include OER Project Number and Name) 102-14 Liberty Avenue, Ozone Park, NY OER Project # 14EH-N350Q VCP Number 14CVCP234Q			
6. SIGNATURE OF QEP (AT GENERATING SITE) I, Daniel Hickson, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination. Name Dan Hickson Company J.R. Holzmacher P.E. LLC			DEPARTURE TIME 10:55
7. NAME OF RECEIVING SITE Flushing Meadows Corona Park - Meadow Lake Treatment Wetland			
8. SIGNATURE OF PARTY ACCEPTING DELIVERY Signature [signature] Name Jimmy McClam Company EXCAV			ARRIVAL TIME 11:45

25 YARDS

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 019

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 5/5/2015	2. DRIVER/HAULER St Clair	3. TRUCK LICENSE 33931 MB	4. CUBIC YARDS/TONS 15
5. NAME OF GENERATING SITE (Include OER Project Number and Name) 102-14 Liberty Avenue, Ozone Park, NY OER Project # 14EH-N350Q VCP Number 14CVCP234Q			
6. SIGNATURE OF QEP (AT GENERATING SITE) I, Gerald Hoffman Jr, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination. Name Company J.R. Holzmacher P.E. LLC			DEPARTURE TIME 1000
7. NAME OF RECEIVING SITE Flushing Meadows Corona Park - Meadow Lake Treatment Wetland			
8. SIGNATURE OF PARTY ACCEPTING DELIVERY Signature Name Jimmy McClain Company EXCAV			ARRIVAL TIME 10:27

18 YARDS

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 018

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 5/5/2015	2. DRIVER/HAULER Moices	3. TRUCK LICENSE 67805 ME	4. CUBIC YARDS/TONS 15

5. NAME OF GENERATING SITE (Include OER Project Number and Name)
102-14 Liberty Avenue, Ozone Park, NY
OER Project # 14EH-N350Q
VCP Number 14CVCP234Q

6. SIGNATURE OF QEP (AT GENERATING SITE)

I, Philip Hoffman, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination.

Name

Company J.R. Holzmacher P.E. LLC

DEPARTURE TIME

0922

7. NAME OF RECEIVING SITE
Flushing Meadows Corona Park - Meadow Lake Treatment Wetland

8. SIGNATURE OF PARTY ACCEPTING DELIVERY

Signature

Name Jimmy McClam

Company EXCAV

ARRIVAL TIME

9:50

12 YARDS

TRUCK #24

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 014

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 5/5/2015	2. DRIVER/HAULER DJC/enterprises #24	3. ~~TRUCK~~ TRUCK LICENSE R8418	4. CUBIC YARDS/TONS 20

5. NAME OF GENERATING SITE (Include OER Project Number and Name)
102-14 Liberty Avenue, Ozone Park, NY
OER Project # 14EH-N350Q
VCP Number 14CVCP234Q

6. SIGNATURE OF QEP (AT GENERATING SITE)

I, Dan Hickson, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination.

Name Dan Hickson

Company J.R. Holzmacher P.E. LLC

DEPARTURE TIME 7:20

7. NAME OF RECEIVING SITE
Flushing Meadows Corona Park - Meadow Lake Treatment Wetland

8. SIGNATURE OF PARTY ACCEPTING DELIVERY

Signature [illegible]

Name Jimmy McClam

Company EXCAV

ARRIVAL TIME 8:08

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 012

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 5/5/2015	2. DRIVER/HAULER GREG ST CLAIR 10	3. TRUCK LICENSE AM-49085	4. CUBIC YARDS/TONS 30

5. NAME OF GENERATING SITE (Include OER Project Number and Name)
102-14 Liberty Avenue, Ozone Park, NY
OER Project # 14EH-N350Q
VCP Number 14CVCP234Q

6. SIGNATURE OF QEP (AT GENERATING SITE)

I, PHILIP HOPFKEN JR, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination.

Name [signature]

Company J.R. Holzmacher P.E. LLC

DEPARTURE TIME
0910

7. NAME OF RECEIVING SITE
Flushing Meadows Corona Park - Meadow Lake Treatment Wetland

8. SIGNATURE OF PARTY ACCEPTING DELIVERY

Signature [signature]

Name ~~EXCAV~~ JIMMY McCLAIN

Company EXCAV

ARRIVAL TIME
9:33

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 016

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 5/5/2015	2. DRIVER/HAULER ROSS IEV Trucking #62	3. TRUCK LICENSE R04689	4. CUBIC YARDS/TONS 30

5. NAME OF GENERATING SITE (Include OER Project Number and Name)
102-14 Liberty Avenue, Ozone Park, NY
OER Project # 14EH-N350Q
VCP Number 14CVCP234Q

6. SIGNATURE OF QEP (AT GENERATING SITE)

I, Dan Hickson, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination.

Name Dan Hickson

Company J.R. Holzmacher P.E. LLC

DEPARTURE TIME 8:20

7. NAME OF RECEIVING SITE
Flushing Meadows Corona Park - Meadow Lake Treatment Wetland

8. SIGNATURE OF PARTY ACCEPTING DELIVERY

Signature [illegible]

Name Jimmy McClam

Company EXCAV

ARRIVAL TIME 9:20

TRAILER TRUCK #12 25 YARDS

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 015

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 5/15/2015	2. DRIVER/HAULER Joe ST Clair	3. TRUCK LICENSE RO 2616	4. CUBIC YARDS/TONS 20
5. NAME OF GENERATING SITE (Include OER Project Number and Name) 102-14 Liberty Avenue, Ozone Park, NY OER Project # 14EH-N350Q VCP Number 14CVCP234Q			
6. SIGNATURE OF QEP (AT GENERATING SITE) I, Dan Hickson, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination. Name Dan Hickson Company J.R. Holzmacher P.E. LLC			DEPARTURE TIME 7:40
7. NAME OF RECEIVING SITE Flushing Meadows Corona Park - Meadow Lake Treatment Wetland			
8. SIGNATURE OF PARTY ACCEPTING DELIVERY Signature [signature] Name Jimmy McClain Company EXCAV			ARRIVAL TIME 8:26

ST CLAIR WHITE (15 YARDS)

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 022

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 5/6/2015	2. DRIVER/HAULER S Clair	3. TRUCK LICENSE 33931 M3	4. CUBIC YARDS/TONS ~~30~~ 15

5. NAME OF GENERATING SITE (Include OER Project Number and Name)
102-14 Liberty Avenue, Ozone Park, NY
OER Project # 14EH-N350Q
VCP Number 14CVCP234Q

6. SIGNATURE OF QEP (AT GENERATING SITE)

I, Philip Hoffman Jr, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination.

Name [signature]

Company J.R. Holzmacher P.E. LLC

DEPARTURE TIME

0740

7. NAME OF RECEIVING SITE
Flushing Meadows Corona Park - Meadow Lake Treatment Wetland

8. SIGNATURE OF PARTY ACCEPTING DELIVERY

Signature [signature]

Name Jimmy McClain

Company EXCAV

ARRIVAL TIME

8:16

17 YARDS

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 028

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 5/6/2015	2. DRIVER/HAULER ST CLAIR	3. TRUCK LICENSE AH 49085	4. CUBIC YARDS/TONS 30

5. NAME OF GENERATING SITE (Include OER Project Number and Name)
102-14 Liberty Avenue, Ozone Park, NY
OER Project # 14EH-N350Q
VCP Number 14CVCP234Q

6. SIGNATURE OF QEP (AT GENERATING SITE)

I, Philip Hoffke Jr. ,am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination.

Name [signature]

Company J.R. Holzmacher P.E. LLC

DEPARTURE TIME
0805

7. NAME OF RECEIVING SITE
Flushing Meadows Corona Park - Meadow Lake Treatment Wetland

8. SIGNATURE OF PARTY ACCEPTING DELIVERY

Signature [signature]

Name Jimmy McClam

Company EXCAV

ARRIVAL TIME
8:47

#10

30 YARDS

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 029

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 5/6/2015	2. DRIVER/HAULER St Clair	3. TRUCK LICENSE 33931 MB	4. CUBIC YARDS/TONS 15
5. NAME OF GENERATING SITE (Include OER Project Number and Name) 102-14 Liberty Avenue, Ozone Park, NY OER Project # 14EH-N350Q VCP Number 14CVCP234Q			
6. SIGNATURE OF QEP (AT GENERATING SITE) I, Philip Hoffiken Jr, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination. Name [signature] Company J.R. Holzmacher P.E. LLC			DEPARTURE TIME 0900
7. NAME OF RECEIVING SITE Flushing Meadows Corona Park - Meadow Lake Treatment Wetland			
8. SIGNATURE OF PARTY ACCEPTING DELIVERY Signature [signature] Name Jimmy McClam Company EXCSV			ARRIVAL TIME 9:33

18 YARDS.

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 030

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 5/6/2015	2. DRIVER/HAULER St Clair	3. TRUCK LICENSE 33951 MB	4. CUBIC YARDS/TONS ~~30~~ 15

5. NAME OF GENERATING SITE (Include OER Project Number and Name)
102-14 Liberty Avenue, Ozone Park, NY
OER Project # 14EH-N350Q
VCP Number 14CVCP234Q

6. SIGNATURE OF QEP (AT GENERATING SITE)

I, PHILIP HOFFKEN JR, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination.

Name

Company J.R. Holzmacher P.E. LLC

DEPARTURE TIME

1030

7. NAME OF RECEIVING SITE
Flushing Meadows Corona Park - Meadow Lake Treatment Wetland

8. SIGNATURE OF PARTY ACCEPTING DELIVERY

Signature

Name Jimmy McClam

Company EXCAV

ARRIVAL TIME

11:15

18 YARDS

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 031

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 5/6/2015	2. DRIVER/HAULER ~~[illegible]~~ DJCI	3. TRUCK LICENSE 69405 ME	4. CUBIC YARDS/TONS 15
5. NAME OF GENERATING SITE (Include OER Project Number and Name) 102-14 Liberty Avenue, Ozone Park, NY OER Project # 14EH-N350Q VCP Number 14CVCP234Q			
6. SIGNATURE OF QEP (AT GENERATING SITE) I, [illegible], am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination. Name [illegible] Company J.R. Holzmacher P.E. LLC			DEPARTURE TIME 1055
7. NAME OF RECEIVING SITE Flushing Meadows Corona Park - Meadow Lake Treatment Wetland			
8. SIGNATURE OF PARTY ACCEPTING DELIVERY Signature [illegible] Name Jimmy McClar Company FMCAV			ARRIVAL TIME 11:28

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 032

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 5/6/2015	2. DRIVER/HAULER St Clair	3. TRUCK LICENSE 33931 NB	4. CUBIC YARDS/TONS 15
5. NAME OF GENERATING SITE (Include OER Project Number and Name) 102-14 Liberty Avenue, Ozone Park, NY OER Project # 14EH-N350Q VCP Number 14CVCP234Q			
6. SIGNATURE OF QEP (AT GENERATING SITE) I, Philip Hoffke Jr, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination. Name [signature] Company J.R. Holzmacher P.E. LLC			DEPARTURE TIME 12:15
7. NAME OF RECEIVING SITE Flushing Meadows Corona Park - Meadow Lake Treatment Wetland			
8. SIGNATURE OF PARTY ACCEPTING DELIVERY Signature [signature] Name Jimmy McClean Company Excal			ARRIVAL TIME 1:20

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 033

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 5/6/2015	2. DRIVER/HAULER ATCI	3. TRUCK LICENSE 69405 ME	4. CUBIC YARDS/TONS 15
5. NAME OF GENERATING SITE (Include OER Project Number and Name) 102-14 Liberty Avenue, Ozone Park, NY OER Project # 14EH-N350Q VCP Number 14CVCP234Q			
6. SIGNATURE OF QEP (AT GENERATING SITE) I, Philip Hoffkeen Jr, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination. Name [signature] Company J.R. Holzmacher P.E. LLC			DEPARTURE TIME 1250
7. NAME OF RECEIVING SITE Flushing Meadows Corona Park - Meadow Lake Treatment Wetland			
8. SIGNATURE OF PARTY ACCEPTING DELIVERY Signature [signature] Name Jimmy McClain Company EXCAV			ARRIVAL TIME 1:20

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 034

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 5/7/2015	2. DRIVER/HAULER Union Ave	3. TRUCK LICENSE 25737 MJ	4. CUBIC YARDS/TONS 15

5. NAME OF GENERATING SITE (Include OER Project Number and Name)
102-14 Liberty Avenue, Ozone Park, NY
OER Project # 14EH-N350Q
VCP Number 14CVCP234Q

6. SIGNATURE OF QEP (AT GENERATING SITE)

I, Philip Hoffken Jr, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination.

Name _____

Company J.R. Holzmacher P.E. LLC

DEPARTURE TIME: 0720

7. NAME OF RECEIVING SITE
Flushing Meadows Corona Park - Meadow Lake Treatment Wetland

8. SIGNATURE OF PARTY ACCEPTING DELIVERY

Signature _____

Name Jimmy McClam

Company _____

ARRIVAL TIME: 8:09 AM

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 035

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 5/7/2015	2. DRIVER/HAULER Union Auto	3. TRUCK LICENSE 25737 MJ	4. CUBIC YARDS/TONS 15

5. NAME OF GENERATING SITE (Include OER Project Number and Name)
102-14 Liberty Avenue, Ozone Park, NY
OER Project # 14EH-N350Q
VCP Number 14CVCP234Q

6. SIGNATURE OF QEP (AT GENERATING SITE)

I, Philip Hoffman Jr, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination.

Name

Company J.R. Holzmacher P.E. LLC

DEPARTURE TIME
0900

7. NAME OF RECEIVING SITE
Flushing Meadows Corona Park - Meadow Lake Treatment Wetland

8. SIGNATURE OF PARTY ACCEPTING DELIVERY

Signature

Name Jimmy McClan

Company Excav

ARRIVAL TIME
9:26

14 YARDS

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 036

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 5/7/2015	2. DRIVER/HAULER IEV TRUCKINNG	3. TRUCK LICENSE BG19337	4. CUBIC YARDS/TONS 30
5. NAME OF GENERATING SITE (Include OER Project Number and Name) 102-14 Liberty Avenue, Ozone Park, NY OER Project # 14EH-N350Q VCP Number 14CVCP234Q			
6. SIGNATURE OF QEP (AT GENERATING SITE) I, Philip Hoffkeen Jr, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination. Name [signature] Company J.R. Holzmacher P.E. LLC			DEPARTURE TIME 0920
7. NAME OF RECEIVING SITE Flushing Meadows Corona Park - Meadow Lake Treatment Wetland			
8. SIGNATURE OF PARTY ACCEPTING DELIVERY Signature [signature] Name Jimmy McClam Company EXCAV			ARRIVAL TIME 951

29 YARDS

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 037

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 5/7/2015	2. DRIVER/HAULER Union Hud	3. TRUCK LICENSE 25737 MD	4. CUBIC YARDS/TONS 15
5. NAME OF GENERATING SITE (Include OER Project Number and Name) 102-14 Liberty Avenue, Ozone Park, NY OER Project # 14EH-N350Q VCP Number 14CVCP234Q			
6. SIGNATURE OF QEP (AT GENERATING SITE) I, Philip Hoffler Jr, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination. Name [signature] Company J.R. Holzmacher P.E. LLC			DEPARTURE TIME 1010
7. NAME OF RECEIVING SITE Flushing Meadows Corona Park - Meadow Lake Treatment Wetland			
8. SIGNATURE OF PARTY ACCEPTING DELIVERY Signature [signature] Name James McClain Company EXCAV			ARRIVAL TIME 11:36

15 YARDS

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 038

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 5/7/2015	2. DRIVER/HAULER IEV TRUCKING	3. TRUCK LICENSE BG 19337	4. CUBIC YARDS/TONS 30

5. NAME OF GENERATING SITE (Include OER Project Number and Name)
102-14 Liberty Avenue, Ozone Park, NY
OER Project # 14EH-N350Q
VCP Number 14CVCP234Q

6. SIGNATURE OF QEP (AT GENERATING SITE)

I, Philip Hoffker Jr, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination.

Name [signature]

Company J.R. Holzmacher P.E. LLC

DEPARTURE TIME

1105

7. NAME OF RECEIVING SITE
Flushing Meadows Corona Park - Meadow Lake Treatment Wetland

8. SIGNATURE OF PARTY ACCEPTING DELIVERY

Signature [signature]

Name Jimmy McGee

Company EGEAN

ARRIVAL TIME

11:39

30 YARDS

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 039

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 5/7/2015	2. DRIVER/HAULER Union Aug	3. TRUCK LICENSE 25737MK	4. CUBIC YARDS/TONS 15
5. NAME OF GENERATING SITE (Include OER Project Number and Name) 102-14 Liberty Avenue, Ozone Park, NY OER Project # 14EH-N350Q VCP Number 14CVCP234Q			
6. SIGNATURE OF QEP (AT GENERATING SITE) I, Philip Hoffman Jr, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination. Name Company J.R. Holzmacher P.E. LLC			DEPARTURE TIME 1122
7. NAME OF RECEIVING SITE Flushing Meadows Corona Park - Meadow Lake Treatment Wetland			
8. SIGNATURE OF PARTY ACCEPTING DELIVERY Signature Name Jimmy McClam Company FCA			ARRIVAL TIME 12:00 PM

15 yards

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 040

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 5/7/2015	2. DRIVER/HAULER IEV Trucking	3. TRUCK LICENSE BG 19337	4. CUBIC YARDS/TONS 30
5. NAME OF GENERATING SITE (Include OER Project Number and Name) 102-14 Liberty Avenue, Ozone Park, NY OER Project # 14EH-N350Q VCP Number 14CVCP234Q			
6. SIGNATURE OF QEP (AT GENERATING SITE) I, Philip Hoffiler Jr, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination. Name [signature] Company J.R. Holzmacher P.E. LLC			DEPARTURE TIME 1249
7. NAME OF RECEIVING SITE Flushing Meadows Corona Park - Meadow Lake Treatment Wetland			
8. SIGNATURE OF PARTY ACCEPTING DELIVERY Signature [signature] Name Jimmy McClan Company Excav			ARRIVAL TIME 1:18

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 041

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 5/11/2015	2. DRIVER/HAULER Union Ave	3. TRUCK LICENSE 66143MC	4. CUBIC YARDS/TONS 15
5. NAME OF GENERATING SITE (Include OER Project Number and Name) 102-14 Liberty Avenue, Ozone Park, NY OER Project # 14EH-N350Q VCP Number 14CVCP234Q			
6. SIGNATURE OF QEP (AT GENERATING SITE) I, Philip Hoffleen Jr, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination. Name [signature] Company J.R. Holzmacher P.E. LLC			DEPARTURE TIME 0742
7. NAME OF RECEIVING SITE Flushing Meadows Corona Park - Meadow Lake Treatment Wetland			
8. SIGNATURE OF PARTY ACCEPTING DELIVERY Signature [signature] Name Jimmy McClam Company EXCAV			ARRIVAL TIME 8:38

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 042

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 5/11/2015	2. DRIVER/HAULER SG CLAIR	3. TRUCK LICENSE 33931MB	4. CUBIC YARDS/TONS 15
5. NAME OF GENERATING SITE (Include OER Project Number and Name) 102-14 Liberty Avenue, Ozone Park, NY OER Project # 14EH-N350Q VCP Number 14CVCP234Q			
6. SIGNATURE OF QEP (AT GENERATING SITE) I, PHILIP HOFFKEN JR, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination. Name Company J.R. Holzmacher P.E. LLC			DEPARTURE TIME 0805
7. NAME OF RECEIVING SITE Flushing Meadows Corona Park - Meadow Lake Treatment Wetland			
8. SIGNATURE OF PARTY ACCEPTING DELIVERY Signature Name Jimmy McClam Company EXCAV			ARRIVAL TIME 8:37

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 043

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 5/11/2015	2. DRIVER/HAULER Union Ave	3. TRUCK LICENSE 25737MS	4. CUBIC YARDS/TONS 15

5. NAME OF GENERATING SITE (Include OER Project Number and Name)
102-14 Liberty Avenue, Ozone Park, NY
OER Project # 14EH-N350Q
VCP Number 14CVCP234Q

6. SIGNATURE OF QEP (AT GENERATING SITE)

I, Philip Hoffker Jr, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination.

Name [signature]

Company J.R. Holzmacher P.E. LLC

DEPARTURE TIME
0825

7. NAME OF RECEIVING SITE
Flushing Meadows Corona Park - Meadow Lake Treatment Wetland

8. SIGNATURE OF PARTY ACCEPTING DELIVERY

Signature [signature]

Name Jimmy McClam

Company EXCAV

ARRIVAL TIME
9:10

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 044

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 5/11/2015	2. DRIVER/HAULER D. ABBATIELLO	3. TRUCK LICENSE 34599ME	4. CUBIC YARDS/TONS 15
5. NAME OF GENERATING SITE (Include OER Project Number and Name) 102-14 Liberty Avenue, Ozone Park, NY OER Project # 14EH-N350Q VCP Number 14CVCP234Q			
6. SIGNATURE OF QEP (AT GENERATING SITE) I, Philip Hoffke Jr, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination. Name [signature] Company J.R. Holzmacher P.E. LLC			DEPARTURE TIME 0840
7. NAME OF RECEIVING SITE Flushing Meadows Corona Park - Meadow Lake Treatment Wetland			
8. SIGNATURE OF PARTY ACCEPTING DELIVERY Signature [signature] Name Jimmy McGann Company EXCAV			ARRIVAL TIME 9:00

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 045

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 5/11/2015	2. DRIVER/HAULER DJCI, Inc	3. TRUCK LICENSE 69405 MT	4. CUBIC YARDS/TONS 15

5. NAME OF GENERATING SITE (Include OER Project Number and Name)
102-14 Liberty Avenue, Ozone Park, NY
OER Project # 14EH-N350Q
VCP Number 14CVCP234Q

6. SIGNATURE OF QEP (AT GENERATING SITE)

I, Philip Hoffke Jr, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination.

Name [signature]

Company J.R. Holzmacher P.E. LLC

DEPARTURE TIME: 0850

7. NAME OF RECEIVING SITE
Flushing Meadows Corona Park - Meadow Lake Treatment Wetland

8. SIGNATURE OF PARTY ACCEPTING DELIVERY

Signature [signature]

Name Jimmy McClam

Company EXCAV

ARRIVAL TIME: 9:20

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 046

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 5/11/2015	2. DRIVER/HAULER S. VERGATA	3. TRUCK LICENSE 669592	4. CUBIC YARDS/TONS 15
5. NAME OF GENERATING SITE (Include OER Project Number and Name) 102-14 Liberty Avenue, Ozone Park, NY OER Project # 14EH-N350Q VCP Number 14CVCP234Q			
6. SIGNATURE OF QEP (AT GENERATING SITE) I, Philip Hoffke Jr, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination. Name Company J.R. Holzmacher P.E. LLC			DEPARTURE TIME 0901
7. NAME OF RECEIVING SITE Flushing Meadows Corona Park - Meadow Lake Treatment Wetland			
8. SIGNATURE OF PARTY ACCEPTING DELIVERY Signature Name Jimmy McClam Company EXCAVA			ARRIVAL TIME 9:41

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 047

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 5/11/2015	2. DRIVER/HAULER St Clair	3. TRUCK LICENSE 33931 MB	4. CUBIC YARDS/TONS 15
5. NAME OF GENERATING SITE (Include OER Project Number and Name) 102-14 Liberty Avenue, Ozone Park, NY OER Project # 14EH-N350Q VCP Number 14CVCP234Q			
6. SIGNATURE OF QEP (AT GENERATING SITE) I, Philip Hoffkin Jr, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination. Name Company J.R. Holzmacher P.E. LLC			DEPARTURE TIME 0955
7. NAME OF RECEIVING SITE Flushing Meadows Corona Park - Meadow Lake Treatment Wetland			
8. SIGNATURE OF PARTY ACCEPTING DELIVERY Signature Name Jimmy McClan Company EXCDV			ARRIVAL TIME 10:30

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 048

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 5/1/2015	2. DRIVER/HAULER Union Ave	3. TRUCK LICENSE 66143MC	4. CUBIC YARDS/TONS 15
5. NAME OF GENERATING SITE (Include OER Project Number and Name) 102-14 Liberty Avenue, Ozone Park, NY OER Project # 14EH-N350Q VCP Number 14CVCP234Q			
6. SIGNATURE OF QEP (AT GENERATING SITE) I, Philip Hoffkemper Jr, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination. Name [signature] Company J.R. Holzmacher P.E. LLC			DEPARTURE TIME 1010
7. NAME OF RECEIVING SITE Flushing Meadows Corona Park - Meadow Lake Treatment Wetland			
8. SIGNATURE OF PARTY ACCEPTING DELIVERY Signature [signature] Name Jimmy McClam Company GXCAV			ARRIVAL TIME 10:25

LL

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 049

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 5/11/2015	2. DRIVER/HAULER Union Avenue	3. TRUCK LICENSE 25737MD	4. CUBIC YARDS/TONS 15
5. NAME OF GENERATING SITE (Include OER Project Number and Name) 102-14 Liberty Avenue, Ozone Park, NY OER Project # 14EH-N350Q VCP Number 14CVCP234Q			
6. SIGNATURE OF QEP (AT GENERATING SITE) I, Philip Hoffkein Jr, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination. Name [signature] Company J.R. Holzmacher P.E. LLC			DEPARTURE TIME 1030
7. NAME OF RECEIVING SITE Flushing Meadows Corona Park - Meadow Lake Treatment Wetland			
8. SIGNATURE OF PARTY ACCEPTING DELIVERY Signature [signature] Name Jimmy McClam Company EXCAV			ARRIVAL TIME 11:00

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 050

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 5/11/2015	2. DRIVER/HAULER D. ABBATIELLO	3. TRUCK LICENSE 34599 MC	4. CUBIC YARDS/TONS 15
5. NAME OF GENERATING SITE (Include OER Project Number and Name) 102-14 Liberty Avenue, Ozone Park, NY OER Project # 14EH-N350Q VCP Number 14CVCP234Q			
6. SIGNATURE OF QEP (AT GENERATING SITE) I, Philip Hoffman, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination. Name Company J.R. Holzmacher P.E. LLC			DEPARTURE TIME 1041
7. NAME OF RECEIVING SITE Flushing Meadows Corona Park - Meadow Lake Treatment Wetland			
8. SIGNATURE OF PARTY ACCEPTING DELIVERY Signature Name Jimmy McCl[illegible] Company ERCAN			ARRIVAL TIME 11:30

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 51

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 5/11/2015	2. DRIVER/HAULER DJC1 Inc	3. TRUCK LICENSE 69405 ME	4. CUBIC YARDS/TONS 15
5. NAME OF GENERATING SITE (Include OER Project Number and Name) 102-14 Liberty Avenue, Ozone Park, NY OER Project # 14EH-N350Q VCP Number 14CVCP234Q			
6. SIGNATURE OF QEP (AT GENERATING SITE) I, Philip Hoffke-J, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination. Name [signature] Company J.R. Holzmacher P.E. LLC			DEPARTURE TIME 1055
7. NAME OF RECEIVING SITE Flushing Meadows Corona Park - Meadow Lake Treatment Wetland			
8. SIGNATURE OF PARTY ACCEPTING DELIVERY Signature [signature] Name Jeremy McClam Company Excav			ARRIVAL TIME 11:20

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 052

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 5/11/2015	2. DRIVER/HAULER ST CLAIR	3. TRUCK LICENSE 33931 73	4. CUBIC YARDS/TONS 15
5. NAME OF GENERATING SITE (Include OER Project Number and Name) 102-14 Liberty Avenue, Ozone Park, NY OER Project # 14EH-N350Q VCP Number 14CVCP234Q			
6. SIGNATURE OF QEP (AT GENERATING SITE) I, PHILIP HOFFKEN, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination. Name [signature] Company J.R. Holzmacher P.E. LLC			DEPARTURE TIME 1110
7. NAME OF RECEIVING SITE Flushing Meadows Corona Park - Meadow Lake Treatment Wetland			
8. SIGNATURE OF PARTY ACCEPTING DELIVERY Signature [signature] Name Jimmy McClam Company EXCAV.			ARRIVAL TIME 12:00 PM

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 053

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 5/1/2015	2. DRIVER/HAULER Union Ave	3. TRUCK LICENSE 66143MC	4. CUBIC YARDS/TONS 15

5. NAME OF GENERATING SITE (Include OER Project Number and Name)
102-14 Liberty Avenue, Ozone Park, NY
OER Project # 14EH-N350Q
VCP Number 14CVCP234Q

6. SIGNATURE OF QEP (AT GENERATING SITE)

I, Philip Hoffman Jr, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination.

Name [signature]

Company J.R. Holzmacher P.E. LLC

DEPARTURE TIME
1130

7. NAME OF RECEIVING SITE
Flushing Meadows Corona Park - Meadow Lake Treatment Wetland

8. SIGNATURE OF PARTY ACCEPTING DELIVERY

Signature [signature]

Name Jimmy McClain

Company EXCAV

ARRIVAL TIME
12:10

New York City Clean Soil Bank
Office of Environmental Remediation
Haul Ticket & Certification Form

CSB # 15CCSB033

Haul Ticket No. 054

ITEMS 1 THROUGH 8 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 5/11/2015	2. DRIVER/HAULER Union Avenue	3. TRUCK LICENSE 25737 MJ	4. CUBIC YARDS/TONS 15
5. NAME OF GENERATING SITE (Include OER Project Number and Name) 102-14 Liberty Avenue, Ozone Park, NY OER Project # 14EH-N350Q VCP Number 14CVCP234Q			
6. SIGNATURE OF QEP (AT GENERATING SITE) I, Philip Hoffken Jr, am a qualified environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only clean native soil with no visual, olfactory, or PID evidence of contamination. Name [signature] Company J.R. Holzmacher P.E. LLC			DEPARTURE TIME 1140
7. NAME OF RECEIVING SITE Flushing Meadows Corona Park - Meadow Lake Treatment Wetland			
8. SIGNATURE OF PARTY ACCEPTING DELIVERY Signature [signature] Name Jimmy McClam Company Excav			ARRIVAL TIME 12:20

5-18

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
			E0058859

5. Generator's Name and Mailing Address: 102-16 Liberty Ave

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name: DISOLVO 43953MO 453 — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Evergreen Recycle, 12710 Dorman Blvd. — U.S. EPA ID Number:

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	DOT Haz					
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Pat Horsey — Signature: — Month 5 Day 18 Year 15

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: — Signature: — Month 5 Day 18 Year 15

Transporter 2 Printed/Typed Name — Signature — Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number:

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month 5 Day 18 Year 15

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: — Signature: — Month Day Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

169-BLC-O 5 11977 (Rev. 9/09)

TRANSPORTER #2

T-18

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number E0070165

GENERATOR

5. Generator's Name and Mailing Address: 102-16 Liberty Road

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name: W O J Dawson's AP 307E #16 — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: Evergreen Recycle — U.S. EPA ID Number

Facility's Phone: 12750 Dorman Blvd.

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Non Haz					
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Phil Hoffman — Signature — Month 5 Day 18 Year 15

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Wodda Manuel — Signature — Month 5 Day 18 Year 15

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month 5 Day 19 Year 15

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

169-BLC-O 5 11977 (Rev. 9/09) TRANSPORTER #2

5-18

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number E0069997

GENERATOR

5. Generator's Name and Mailing Address 102-16 - Liberty Ave

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name TWO COUSINS 18543 MC #16 — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address Evergreen Recycle — U.S. EPA ID Number

Facility's Phone: 12710 Norwalk Blvd

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Non Haz					
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name Mike Hoffman — Signature — Month 5 Day 18 Year 15

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name Fernando B — Signature — Month 5 Day 18 Year 15

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month 5 Day 19 Year 15

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name — Signature — Month Day Year

5-18

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number E0058970

5. Generator's Name and Mailing Address: 10274 Liberty Ave

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name: W Oldeddsons ARSOTE #1

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address: Evergreen Recycle. 12110 Norwalk Blvd.

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. NON HAZ					
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Pat Moreno | Signature | Month 5 | Day 18 | Year 15

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name | Signature | Month 5 | Day 18 | Year 15

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month 5 | Day 19 | Year 15

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

169-BLC-O 5 11977 (Rev. 9/09)

TRANSPORTER #2

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number
2. Page 1 of
3. Emergency Response Phone
4. Waste Tracking Number: E0058753

GENERATOR

5. Generator's Name and Mailing Address: 10216 LIBERTY Ave
Generator's Site Address (if different than mailing address)
Generator's Phone:

6. Transporter 1 Company Name: DISA/UO. 147
U.S. EPA ID Number: 20502 PB

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address: Evergreen Recycle
12750 NORTHEAST BLVD.
U.S. EPA ID Number
Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. DON HAZ					
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: [illegible] Signature: PHIL HOFFKEN Month 5 Day 18 Year 15

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Mitch Gulland Signature: [illegible] Month 5 Day 18 Year 15
Transporter 2 Printed/Typed Name Signature Month Day Year

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month 5 Day 15 Year 15

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: [illegible] Signature Month Day Year

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number
2. Page 1 of
3. Emergency Response Phone
4. Waste Tracking Number E0070191

GENERATOR

5. Generator's Name and Mailing Address: 102-16 Liberty Ave
Generator's Site Address (if different than mailing address)
Generator's Phone:

6. Transporter 1 Company Name: DiSalvo 20502 PB #147
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address: Evergreen Recycle. 12750 Northern Blvd.
U.S. EPA ID Number
Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. NON HAZ					
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: PHIL HOFFKEN
Signature
Month 5 Day 18 Year 15

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Mitchell Gelford
Signature
Month 5 Day 18 Year 15
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month Day Year JT 18 15

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Jim Valenti
Signature
Month 5 Day 18 Year 15

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number E0072524

5. Generator's Name and Mailing Address 102-16 LIBERTY AVE

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name DiSalvo 20502PB #147

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address Evergreen Recycle 12750 NORTHERN BLVD

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. NON HAZ					
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name PHIL HOFFLER Signature Month 5 Day 18 Year 15

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name Mitch Gelfand Signature Month 5 Day 18 Year 15

Transporter 2 Printed/Typed Name Signature Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month 5 Day 18 Year 15

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name Signature Month 05 Day 18 Year 15

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number
2. Page 1 of
3. Emergency Response Phone
4. Waste Tracking Number E0058582

5. Generator's Name and Mailing Address: 102 16 Liberty Ave.

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name: DiSalvo 20502 PB #147 — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: Evergreen Recycle. 12750 Northern Blvd — U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON HAZ.					
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: PHIL HOFFKER — Signature — Month 5 Day 18 Year 15

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Mitch Gelfand — Signature — Month 5 Day 18 Year 15

Transporter 2 Printed/Typed Name — Signature — Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month 5 Day 18 Year 15

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month 5 Day 18 Year 15

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

DESIGNATED FACILITY TO GENERATOR

BLC-O 5 11977 (Rev. 9/09)

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number
2. Page 1 of
3. Emergency Response Phone
4. Waste Tracking Number E0058589

5. Generator's Name and Mailing Address 102-14 LIBERTY AVE

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name DISALVO 43953MG #453 — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address Evergreen Recycle 12950 Northern Blvd — U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. NON HAZ					
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

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Generator's/Offeror's Printed/Typed Name PHIL HOFFKLEN — Signature — Month 5 Day 18 Year 15

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name John Posimato — Signature — Month 5 Day 18 Year 15

Transporter 2 Printed/Typed Name — Signature — Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month 5 Day 18 Year 15

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name — Signature — Month 05 Day 18 Year 15

DESIGNATED FACILITY TO GENERATOR

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

169-BLC-O 5 11977 (Rev. 9/09)

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number
2. Page 1 of
3. Emergency Response Phone
4. Waste Tracking Number E0070420

GENERATOR

5. Generator's Name and Mailing Address 102-16 Liberty Ave.

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name DiSalvo 43953 MG # 453

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address Evergreen Recycle 12750 Northern Blvd.

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Non Haz					
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

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Generator's/Offeror's Printed/Typed Name Phil Hoppleon Signature Month 5 Day 18 Year 15

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name John Posimato Signature Month 5 Day 18 Year 15

Transporter 2 Printed/Typed Name Signature Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name Signature Month 05 Day 18 Year 15

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number
2. Page 1 of
3. Emergency Response Phone
4. Waste Tracking Number E0058859

GENERATOR

5. Generator's Name and Mailing Address 10210 Liberty Ave
Generator's Site Address (if different than mailing address)
Generator's Phone:

6. Transporter 1 Company Name DISOLVO 43953MG 453
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address Evergreen Recycle 12750 Norwalk Blvd.
U.S. EPA ID Number
Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. NON Haz					
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name Phil Hoffman
Signature
Month 5 Day 18 Year 15

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name
Signature
Month 5 Day 18 Year 15
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name
Signature
Month Day Year

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number E0069997

GENERATOR

5. Generator's Name and Mailing Address 102-16 - LIBERTY AVE

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name TWO COUSINS 18543 MC #16 — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address Evergreen Recycle — U.S. EPA ID Number

Facility's Phone: 12750 NORTHEN BLVD

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. NON HAZ					
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable International and national governmental regulations.

Generator's/Offeror's Printed/Typed Name PHIL HOFFKEN — Signature — Month 5 Day 18 Year 15

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of Entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name FERNANDO B — Signature — Month 5 Day 18 Year 15

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month 5 Day 18 Year 15

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

Manifest № 1002

JOB NUMBER: _____

Please Check One:

- ☐ West Hampton Properties, Suffolk County, NYSDEC Region #1
- ☐ Browman 110 Sand, Suffolk County LI
- ☐ HRVP Stony Point, Permit #44W13, NYSDEC
- ☐ Stonycreek, Oceanside, Nassau, LI NY
- ☐ Pebble Lane, Maspeth, Queens, NYSDEC Region #2
- ☐ IMT, Inwood Material Removal, 1 Sheridan Blvd., Inwood, NY
- ☐ Clean Soil, Bank Number: _____
- ☐ Other: Evergreen 12750 NB.

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS & PHONE: 102-16 Liberty Ave

GENERAL CONTRACTOR:

GROSS WEIGHT: ☐ Tons ☐ Yards	
TARE WEIGHT: ☐ Tons ☐ Yards	
NET WEIGHT: ☐ Tons ☐ Yards	

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.
I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations. I am an environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only native soil with no visual olfactory, or PID evidence of contamination.

Name: Phil Hoffman Title: [illegible]

Signature: _____ Date and Time: 5/18/15

TRANSPORTER

Company: DiSalvo Truck # and License Plate: 43953 MG

Address: ~~John Posimato~~ #453

Driver Print: John Posimato (Type or Print Clearly)

Driver Signature: [illegible] Date and Time: 5/18/15 (applicable state permit #)

I hereby certify that the above named material was was picked up at the site listed above.

DESTINATION

Authorized Signature: [illegible] Date and Time: 5/18/15

Chemical ID:

Grid Area:

DESCRIPTION OF MATERIAL / SAMPLE ID AND LOCATION

- ☐ NYSDEC Subpart 375(b) Restricted Residential
- ☐ NYSDEC Subpart 375(b) Residential & Protection of GW
- ☐ NYSDEC Subpart 375(a) Unrestricted Use
- ☐ Clean Native Soil
- ☐ Mixed Load ☐ Asphalt ☐ Brick & Concrete

5-19 Manifest No. 1021

JOB NUMBER: _____

Please Check One:

- ☐ West Hampton Properties, Suffolk County, NYSDEC Region #1
- ☐ Browman 110 Sand, Suffolk County LI
- ☐ HRVP Stony Point, Permit #44W13, NYSDEC
- ☐ Stonycreek, Oceanside, Nassau, LI NY
- ☐ Pebble Lane, Maspeth, Queens, NYSDEC Region #2
- ☐ IMT, Inwood Material Removal, 1 Sheridan Blvd., Inwood, NY
- ☐ Clean Soil, Bank Number: _____
- ☐ Other Evergreen Recycle

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS & PHONE:	GROSS WEIGHT: ☐ Tons ☐ Yards	
102-16 Cherry ave	TARE WEIGHT: ☐ Tons ☐ Yards	
GENERAL CONTRACTOR:	NET WEIGHT: ☐ Tons ☐ Yards	

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.
I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations. I am an environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only native soil with no visual olfactory, or PID evidence of contamination.

Name: [illegible] Title: _____

Signature: _____ Date and Time: 5/19/15

TRANSPORTER

Company: WOVcda Truck # and License Plate: AP 307E #1

Address: _____

Driver Print: [illegible] (Type or Print Clearly) (applicable state permit #)

Driver Signature: _____ Date and Time: 5/19/15

I hereby certify that the above named material was was picked up at the site listed above.

DESTINATION

Authorized Signature: _____ Date and Time: 5-15-15

Chemical ID:

Grid Area: Wanda

DESCRIPTION OF MATERIAL / SAMPLE ID AND LOCATION

- ☐ NYSDEC Subpart 375(b) Restricted Residential
- ☐ NYSDEC Subpart 375(b) Residential & Protection of GW
- ☐ NYSDEC Subpart 375(a) Unrestricted Use
- ☐ Clean Native Soil
- ☐ Mixed Load ☐ Asphalt ☐ Brick & Concrete

5-19 Manifest No. 1043

JOB NUMBER:_____

Please Check One:

- ❑ West Hampton Properties, Suffolk County, NYSDEC Region #1
- ❑ Browman 110 Sand, Suffolk County LI
- ❑ HRVP Stony Point, Permit #44W13, NYSDEC
- ❑ Stonycreek, Oceanside, Nassau, LI NY
- ❑ Pebble Lane, Maspeth, Queens, NYSDEC Region #2
- ❑ IMT, Inwood Material Removal, 1 Sheridan Blvd., Inwood, NY
- ❑ Clean Soil, Bank Number: _____
- ❑ Other: Lurgan, Regal

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS & PHONE: 102-16 Liberty Ave	GROSS WEIGHT: ❑ Tons ❑ Yards	
GENERAL CONTRACTOR:	TARE WEIGHT: ❑ Tons ❑ Yards	
	NET WEIGHT: ❑ Tons ❑ Yards	

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.
I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations. I am an environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only native soil with no visual olfactory, or PID evidence of contamination.

Name: Phil Roffe Title: _____
Signature: _____ Date and Time: 5/19/15

TRANSPORTER

Company: Wojeda Truck # and License Plate: AS 2186
Address: _____ #5
Driver Print: Joe Holmes (Type or Print Clearly) (applicable state permit #)
Driver Signature: _____ Date and Time: 5/19/15

I hereby certify that the above named material was was picked up at the site listed above.

DESTINATION

Authorized Signature: _____ Date and Time: 5-18-15

Chemical ID:
Grid Area: Pad C

DESCRIPTION OF MATERIAL / SAMPLE ID AND LOCATION

- ❑ NYSDEC Subpart 375(b) Restricted Residential
- ❑ NYSDEC Subpart 375(b) Residential & Protection of GW
- ❑ NYSDEC Subpart 375(a) Unrestricted Use
- ❑ Clean Native Soil
- ❑ Mixed Load ❑ Asphalt ❑ Brick & Concrete

5-19 Manifest No 1042

JOB NUMBER: _____

Please Check One:

- ❑ West Hampton Properties, Suffolk County, NYSDEC Region #1
- ❑ Browman 110 Sand, Suffolk County LI
- ❑ HRVP Stony Point, Permit #44W13, NYSDEC
- ❑ Stonycreek, Oceanside, Nassau, LI NY
- ❑ Pebble Lane, Maspeth, Queens, NYSDEC Region #2
- ❑ IMT, Inwood Material Removal, 1 Sheridan Blvd., Inwood, NY
- ❑ Clean Soil, Bank Number: _____
- ❑ Other: Excavation / Recycle

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS & PHONE: 101 W Cliffs Way HAC	GROSS WEIGHT: ❑ Tons ❑ Yards	
GENERAL CONTRACTOR:	TARE WEIGHT: ❑ Tons ❑ Yards	
	NET WEIGHT: ❑ Tons ❑ Yards	

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.
I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations. I am an environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only native soil with no visual olfactory, or PID evidence of contamination.

Name: [illegible] Title: _____
Signature: [illegible] Date and Time: 5/19/15

TRANSPORTER

Company: DiSalvo Truck # and License Plate: 20502 PB
Address: _____ #147
Driver Print: Mitch
(Type or Print Clearly) (applicable state permit #)
Driver Signature: [illegible] Date and Time: 5/19/15

I hereby certify that the above named material was was picked up at the site listed above.

DESTINATION

Authorized Signature: [illegible] Date and Time: 5-19-15

Chemical ID:
Grid Area: [illegible]

DESCRIPTION OF MATERIAL / SAMPLE ID AND LOCATION

- ❑ NYSDEC Subpart 375(b) Restricted Residential
- ❑ NYSDEC Subpart 375(b) Residential & Protection of GW
- ❑ NYSDEC Subpart 375(a) Unrestricted Use
- ❑ Clean Native Soil
- ❑ Mixed Load ❑ Asphalt ❑ Brick & Concrete

Manifest № 1041

JOB NUMBER: _____

Please Check One:

- ☐ West Hampton Properties, Suffolk County, NYSDEC Region #1
- ☐ Browman 110 Sand, Suffolk County LI
- ☐ HRVP Stony Point, Permit #44W13, NYSDEC
- ☐ Stonycreek, Oceanside, Nassau, LI NY
- ☐ Pebble Lane, Maspeth, Queens, NYSDEC Region #2
- ☐ IMT, Inwood Material Removal, 1 Sheridan Blvd., Inwood, NY
- ☐ Clean Soil, Bank Number: _____
- ☐ Other: Zeagan, Zeagan

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS & PHONE:	GROSS WEIGHT: ☐ Tons ☐ Yards	
102-16 Cliff Ave	TARE WEIGHT: ☐ Tons ☐ Yards	
GENERAL CONTRACTOR:	NET WEIGHT: ☐ Tons ☐ Yards	

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.
I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations. I am an environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only native soil with no visual olfactory, or PID evidence of contamination.

Name: _____ Title: _____

Signature: _____ Date and Time: 5/19/15

TRANSPORTER

Company: DiSalvo Truck # and License Plate: 32565 MB

Address: _____ #921

Driver Print: _____ (applicable state permit #)

(Type or Print Clearly)

Driver Signature: _____ Date and Time: 5/19/15

I hereby certify that the above named material was was picked up at the site listed above.

DESTINATION

Authorized Signature: _____ Date and Time: 5-19-15

Chemical ID:

Grid Area:

DESCRIPTION OF MATERIAL / SAMPLE ID AND LOCATION

- ☐ NYSDEC Subpart 375(b) Restricted Residential
- ☐ NYSDEC Subpart 375(b) Residential & Protection of GW
- ☐ NYSDEC Subpart 375(a) Unrestricted Use
- ☑ Clean Native Soil
- ☐ Mixed Load ☐ Asphalt ☐ Brick & Concrete

Manifest № 1040

JOB NUMBER: _____

Please Check One:

- ❑ West Hampton Properties, Suffolk County, NYSDEC Region #1
- ❑ Browman 110 Sand, Suffolk County LI
- ❑ HRVP Stony Point, Permit #44W13, NYSDEC
- ❑ Stonycreek, Oceanside, Nassau, LI NY
- ❑ Pebble Lane, Maspeth, Queens, NYSDEC Region #2
- ❑ IMT, Inwood Material Removal, 1 Sheridan Blvd., Inwood, NY
- ❑ Clean Soil, Bank Number: _____
- ☒ Other: [illegible]

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS & PHONE:	GROSS WEIGHT: ❑ Tons ❑ Yards	
102-16 [illegible]	TARE WEIGHT: ❑ Tons ❑ Yards	
GENERAL CONTRACTOR:	NET WEIGHT: ❑ Tons ❑ Yards	

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.
I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations. I am an environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only native soil with no visual olfactory, or PID evidence of contamination.

Name: [illegible] Title: _____

Signature: [illegible] Date and Time: 5/19/15

TRANSPORTER

Company: D'Salvo Truck # and License Plate: 36578 ME

Address: _____ #707

Driver Print: [illegible] (Type or Print Clearly) (applicable state permit #)

Driver Signature: [illegible] Date and Time: 5/19/15

I hereby certify that the above named material was was picked up at the site listed above.

DESTINATION

Authorized Signature: [illegible] Date and Time: 5-18-15

Chemical ID: [illegible]

Grid Area:

DESCRIPTION OF MATERIAL / SAMPLE ID AND LOCATION

- ❑ NYSDEC Subpart 375(b) Restricted Residential
- ❑ NYSDEC Subpart 375(b) Residential & Protection of GW
- ❑ NYSDEC Subpart 375(a) Unrestricted Use
- ❑ Clean Native Soil
- ❑ Mixed Load ❑ Asphalt ❑ Brick & Concrete

Manifest No: 1024

JOB NUMBER: _____

Please Check One:

- ❑ West Hampton Properties, Suffolk County, NYSDEC Region #1
- ❑ Browman 110 Sand, Suffolk County LI
- ❑ HRVP Stony Point, Permit #44W13, NYSDEC
- ❑ Stonycreek, Oceanside, Nassau, LI NY
- ❑ Pebble Lane, Maspeth, Queens, NYSDEC Region #2
- ❑ IMT, Inwood Material Removal, 1 Sheridan Blvd., Inwood, NY
- ❑ Clean Soil, Bank Number: _____
- ❑ Other: Evergreen Recycle

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS & PHONE: 102-16 Liberty Ave

GENERAL CONTRACTOR:

GROSS WEIGHT: ❑ Tons ❑ Yards	
TARE WEIGHT: ❑ Tons ❑ Yards	
NET WEIGHT: ❑ Tons ❑ Yards	

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.
I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations. I am an environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only native soil with no visual olfactory, or PID evidence of contamination.

Name: Phil Hoffman Title: _____

Signature: _____ Date and Time: 5/19/15

TRANSPORTER

Company: DiSalvo Truck # and License Plate: 43953 MG #453

Address: _____

Driver Print: Glen Tiffs (Type or Print Clearly)

Driver Signature: _____ Date and Time: 5/19/15

I hereby certify that the above named material was was picked up at the site listed above.

DESTINATION

Authorized Signature: _____ Date and Time: 5-18-15

Chemical ID: _____ (applicable state permit #)

Grid Area: _____

DESCRIPTION OF MATERIAL / SAMPLE ID AND LOCATION

- ❑ NYSDEC Subpart 375(b) Restricted Residential
- ❑ NYSDEC Subpart 375(b) Residential & Protection of GW
- ❑ NYSDEC Subpart 375(a) Unrestricted Use
- ❑ Clean Native Soil
- ❑ Mixed Load ❑ Asphalt ❑ Brick & Concrete

Manifest No 1023

JOB NUMBER:_____

Please Check One:

- ☐ West Hampton Properties, Suffolk County, NYSDEC Region #1
- ☐ Browman 110 Sand, Suffolk County LI
- ☐ HRVP Stony Point, Permit #44W13, NYSDEC
- ☐ Stonycreek, Oceanside, Nassau, LI NY
- ☐ Pebble Lane, Maspeth, Queens, NYSDEC Region #2
- ☐ IMT, Inwood Material Removal, 1 Sheridan Blvd., Inwood, NY
- ☐ Clean Soil, Bank Number: _____
- ☐ Other: Evergreen Recycle

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS & PHONE: 102-16 Liberty Ave **GENERAL CONTRACTOR:**	GROSS WEIGHT: ☐ Tons ☐ Yards	
	TARE WEIGHT: ☐ Tons ☐ Yards	
	NET WEIGHT: ☐ Tons ☐ Yards	

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.
I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations. I am an environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only native soil with no visual olfactory, or PID evidence of contamination.

Name: _____ Title: _____
Signature: _____ Date and Time: 5/19/15

TRANSPORTER

Company: VISALVO Truck # and License Plate: 54194 JJ
Address: _____ #2
Driver Print: _____ (Type or Print Clearly) (applicable state permit #)
Driver Signature: _____ Date and Time: 5/19/15

I hereby certify that the above named material was was picked up at the site listed above.

DESTINATION

Authorized Signature: _____ Date and Time: 5-18-15

Chemical ID: Waste
Grid Area:

DESCRIPTION OF MATERIAL / SAMPLE ID AND LOCATION

- ☐ NYSDEC Subpart 375(b) Restricted Residential
- ☐ NYSDEC Subpart 375(b) Residential & Protection of GW
- ☐ NYSDEC Subpart 375(a) Unrestricted Use
- ☐ Clean Native Soil
- ☐ Mixed Load ☐ Asphalt ☐ Brick & Concrete

Manifest No. 1022

JOB NUMBER: _____

Please Check One:

- ❑ West Hampton Properties, Suffolk County, NYSDEC Region #1
- ❑ Browman 110 Sand, Suffolk County LI
- ❑ HRVP Stony Point, Permit #44W13, NYSDEC
- ❑ Stonycreek, Oceanside, Nassau, LI NY
- ❑ Pebble Lane, Maspeth, Queens, NYSDEC Region #2
- ❑ IMT, Inwood Material Removal, 1 Sheridan Blvd., Inwood, NY
- ❑ Clean Soil, Bank Number: _____
- ❑ Other: Evergreen, Kew Gardens

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS & PHONE:

102-16 Liberty ave

GENERAL CONTRACTOR:

GROSS WEIGHT: ❑ Tons ❑ Yards	
TARE WEIGHT: ❑ Tons ❑ Yards	
NET WEIGHT: ❑ Tons ❑ Yards	

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.
I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations. I am an environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only native soil with no visual olfactory, or PID evidence of contamination.

Name: [illegible] Title: _____

Signature: [illegible] Date and Time: 5/19/15

TRANSPORTER

Company: DSOLVO Truck # and License Plate: 20502 PB

Address: _____ #147

Driver Print: Mitch (Type or Print Clearly) _____

Driver Signature: [illegible] Date and Time: 5/19/15 (applicable state permit #)

I hereby certify that the above named material was was picked up at the site listed above.

DESTINATION

Authorized Signature: [illegible] Date and Time: 5-19-16

Chemical ID:

Grid Area:

DESCRIPTION OF MATERIAL / SAMPLE ID AND LOCATION

- ❑ NYSDEC Subpart 375(b) Restricted Residential
- ❑ NYSDEC Subpart 375(b) Residential & Protection of GW
- ❑ NYSDEC Subpart 375(a) Unrestricted Use
- ❑ Clean Native Soil
- ❑ Mixed Load ❑ Asphalt ❑ Brick & Concrete

Manifest № 1039

JOB NUMBER: _____

Please Check One:

- ☐ West Hampton Properties, Suffolk County, NYSDEC Region #1
- ☐ Browman 110 Sand, Suffolk County LI
- ☐ HRVP Stony Point, Permit #44W13, NYSDEC #1
- ☐ Stonycreek, Oceanside, Nassau, LI NY
- ☐ Pebble Lane, Maspeth, Queens, NYSDEC Region #2
- ☐ IMT, Inwood Material Removal, 1 Sheridan Blvd., Inwood, NY
- ☐ Clean Soil, Bank Number: _____
- ☐ Other: Rockaway Racquet

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS & PHONE: 102-16 Lindenme

GENERAL CONTRACTOR:

GROSS WEIGHT: ☐ Tons ☐ Yards	
TARE WEIGHT: ☐ Tons ☐ Yards	
NET WEIGHT: ☐ Tons ☐ Yards	

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.
I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations. I am an environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only native soil with no visual olfactory, or PID evidence of contamination.

Name: [illegible] Title: _____

Signature: [illegible] Date and Time: 5/19/15

TRANSPORTER

Company: Wojeda Truck # and License Plate: AP 307E #1

Address: _____

Driver Print: Manuel Guamay (Type or Print Clearly)

Driver Signature: _____ Date and Time: 5/19/15 (applicable state permit #)

I hereby certify that the above named material was was picked up at the site listed above.

DESTINATION

Authorized Signature: _____ Date and Time: 5-19-15 5-19-15

Chemical ID:

Grid Area: Walter

DESCRIPTION OF MATERIAL / SAMPLE ID AND LOCATION

- ☐ NYSDEC Subpart 375(b) Restricted Residential
- ☐ NYSDEC Subpart 375(b) Residential & Protection of GW
- ☐ NYSDEC Subpart 375(a) Unrestricted Use
- ☐ Clean Native Soil
- ☐ Mixed Load ☐ Asphalt ☐ Brick & Concrete

Manifest NO 1038

JOB NUMBER: _____

Please Check One:

- ☐ West Hampton Properties, Suffolk County, NYSDEC Region #1
- ☐ Browman 110 Sand, Suffolk County LI
- ☐ HRVP Stony Point, Permit #44W13, NYSDEC
- ☐ Stonycreek, Oceanside, Nassau, LI NY
- ☐ Pebble Lane, Maspeth, Queens, NYSDEC Region #2
- ☐ IMT, Inwood Material Removal, 1 Sheridan Blvd., Inwood, NY
- ☐ Clean Soil, Bank Number: _____
- ☐ Other: Soil green, Recycle

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS & PHONE:

102-16 Liberty Ave

GENERAL CONTRACTOR:

GROSS WEIGHT: ☐ Tons ☐ Yards	
TARE WEIGHT: ☐ Tons ☐ Yards	
NET WEIGHT: ☐ Tons ☐ Yards	

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.
I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations. I am an environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only native soil with no visual olfactory, or PID evidence of contamination.

Name: Pat Hoffman Title: _____

Signature: _____ Date and Time: 5/19/15

TRANSPORTER

Company: Wovrda Truck # and License Plate: AS 212L #5

Address: _____

Driver Print: _____ (Type or Print Clearly) (applicable state permit #)

Driver Signature: _____ Date and Time: 5/19/15

I hereby certify that the above named material was was picked up at the site listed above.

DESTINATION

Authorized Signature: _____ Date and Time: 5/19/15

Chemical ID:

Grid Area:

DESCRIPTION OF MATERIAL / SAMPLE ID AND LOCATION

- ☐ NYSDEC Subpart 375(b) Restricted Residential
- ☐ NYSDEC Subpart 375(b) Residential & Protection of GW
- ☐ NYSDEC Subpart 375(a) Unrestricted Use
- ☐ Clean Native Soil
- ☐ Mixed Load ☐ Asphalt ☐ Brick & Concrete

Manifest

1037

JOB NUMBER: _____

Please Check One:

- ☐ West Hampton Properties, Suffolk County, NYSDEC Region #1
- ☐ Browman 110 Sand, Suffolk County LI
- ☐ HRVP Stony Point, Permit #44W13, NYSDEC
- ☐ Stonycreek, Oceanside, Nassau, LI NY
- ☐ Pebble Lane, Maspeth, Queens, NYSDEC Region #2
- ☐ IMT, Inwood Material Removal, 1 Sheridan Blvd., Inwood, NY
- ☐ Clean Soil, Bank Number: _____
- ☐ Other: Evergreen Recycle

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS & PHONE: 101-16 Liberty Ave	GROSS WEIGHT: ☐ Tons ☐ Yards	
GENERAL CONTRACTOR:	TARE WEIGHT: ☐ Tons ☐ Yards	
	NET WEIGHT: ☐ Tons ☐ Yards	

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.
I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations. I am an environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only native soil with no visual olfactory, or PID evidence of contamination.

Name: Phil Maffeo Title: _____

Signature: _____ Date and Time: 5/19/15

TRANSPORTER

Company: DiSalvo Truck # and License Plate: 32565 MB

Address: _____ #971

Driver Print: _____ (Type or Print Clearly) (applicable state permit #)

Driver Signature: _____ Date and Time: 5/19/15

I hereby certify that the above named material was was picked up at the site listed above.

DESTINATION

Authorized Signature: _____ Date and Time: 5/19/15

Chemical ID:

Grid Area:

DESCRIPTION OF MATERIAL / SAMPLE ID AND LOCATION

- ☐ NYSDEC Subpart 375(b) Restricted Residential
- ☐ NYSDEC Subpart 375(b) Residential & Protection of GW
- ☐ NYSDEC Subpart 375(a) Unrestricted Use
- ☐ Clean Native Soil
- ☐ Mixed Load ☐ Asphalt ☐ Brick & Concrete

Manifest № 1036

JOB NUMBER: _____

Please Check One:

- ☐ West Hampton Properties, Suffolk County, NYSDEC Region #1
- ☐ Browman 110 Sand, Suffolk County LI
- ☐ HRVP Stony Point, Permit #44W13, NYSDEC
- ☐ Stonycreek, Oceanside, Nassau, LI NY
- ☐ Pebble Lane, Maspeth, Queens, NYSDEC Region #2
- ☐ IMT, Inwood Material Removal, 1 Sheridan Blvd., Inwood, NY
- ☐ Clean Soil, Bank Number: _____
- ☐ Other: Evergreen Recycle

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS & PHONE: 102-16 Liberty Ave	GROSS WEIGHT: ☐ Tons ☐ Yards	
GENERAL CONTRACTOR:	TARE WEIGHT: ☐ Tons ☐ Yards	
	NET WEIGHT: ☐ Tons ☐ Yards	

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.
I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations. I am an environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only native soil with no visual olfactory, or PID evidence of contamination.

Name: John Hoffman Title: _____

Signature: _____ Date and Time: 5/19/15

TRANSPORTER

Company: DiSalvo Truck # and License Plate: 43953 MG #453

Address: _____

Driver Print: Gerald Hi (Type or Print Clearly) (applicable state permit #)

Driver Signature: _____ Date and Time: 5/19/15

I hereby certify that the above named material was was picked up at the site listed above.

DESTINATION

Authorized Signature: _____ Date and Time: 5/19-15

Chemical ID:

Grid Area:

DESCRIPTION OF MATERIAL / SAMPLE ID AND LOCATION

- ☐ NYSDEC Subpart 375(b) Restricted Residential
- ☐ NYSDEC Subpart 375(b) Residential & Protection of GW
- ☐ NYSDEC Subpart 375(a) Unrestricted Use
- ☐ Clean Native Soil
- ☐ Mixed Load ☐ Asphalt ☐ Brick & Concrete

Manifest № 1032

JOB NUMBER: _____

Please Check One:

- ❑ West Hampton Properties, Suffolk County, NYSDEC Region #1
- ❑ Browman 110 Sand, Suffolk County LI
- ❑ HRVP Stony Point, Permit #44W13, NYSDEC
- ❑ Stonycreek, Oceanside, Nassau, LI NY
- ❑ Pebble Lane, Maspeth, Queens, NYSDEC Region #2
- ❑ IMT, Inwood Material Removal, 1 Sheridan Blvd., Inwood, NY
- ❑ Clean Soil, Bank Number: _____
- ❑ Other: Evergreen

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS & PHONE: 102 Lio Library Ave	GROSS WEIGHT: ❑ Tons ❑ Yards	
GENERAL CONTRACTOR:	TARE WEIGHT: ❑ Tons ❑ Yards	
	NET WEIGHT: ❑ Tons ❑ Yards	

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.
I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations. I am an environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only native soil with no visual olfactory, or PID evidence of contamination.

Name: [illegible] Title: _____

Signature: [illegible] Date and Time: 5/19/15

TRANSPORTER

Company: DiSalvo Truck # and License Plate: 36578 NY

Address: #707

Driver Print: Stephen Caparan
(Type or Print Clearly)

Driver Signature: [illegible] Date and Time: 5/19/15
(applicable state permit #)

I hereby certify that the above named material was was picked up at the site listed above.

DESTINATION

Authorized Signature: [illegible] Date and Time: 5/19-15

Chemical ID: [illegible]

Grid Area:

DESCRIPTION OF MATERIAL / SAMPLE ID AND LOCATION

- ❑ NYSDEC Subpart 375(b) Restricted Residential
- ❑ NYSDEC Subpart 375(b) Residential & Protection of GW
- ❑ NYSDEC Subpart 375(a) Unrestricted Use
- ❑ Clean Native Soil
- ❑ Mixed Load ❑ Asphalt ❑ Brick & Concrete

Manifest No. 1033

JOB NUMBER: _____

Please Check One:

- ☐ West Hampton Properties, Suffolk County, NYSDEC Region #1
- ☐ Browman 110 Sand, Suffolk County LI
- ☐ HRVP Stony Point, Permit #44W13, NYSDEC
- ☐ Stonycreek, Oceanside, Nassau, LI NY
- ☐ Pebble Lane, Maspeth, Queens, NYSDEC Region #2
- ☐ IMT, Inwood Material Removal, 1 Sheridan Blvd., Inwood, NY
- ☐ Clean Soil, Bank Number: _____
- ☐ Other: Evergreen Recycle

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS & PHONE: 102-16 Liberty Ave

GENERAL CONTRACTOR:

GROSS WEIGHT: ☐ Tons ☐ Yards	
TARE WEIGHT: ☐ Tons ☐ Yards	
NET WEIGHT: ☐ Tons ☐ Yards	

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.
I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations. I am an environmental professional and hereby certify that I have inspected the excavation and loading of soil on this truck and that this contains only native soil with no visual olfactory, or PID evidence of contamination.

Name: Jim Horsley Title: _____

Signature: _____ Date and Time: 5/19/15

TRANSPORTER

Company: VISALVO Truck # and License Plate: 5H19H JJ #2

Address: _____

Driver Print: _____ (Type or Print Clearly) _____ (applicable state permit #)

Driver Signature: _____ Date and Time: 5/19/15

I hereby certify that the above named material was was picked up at the site listed above.

DESTINATION

Authorized Signature: _____ Date and Time: 5/18/15

Chemical ID:

Grid Area:

DESCRIPTION OF MATERIAL / SAMPLE ID AND LOCATION

- ☐ NYSDEC Subpart 375(b) Restricted Residential
- ☐ NYSDEC Subpart 375(b) Residential & Protection of GW
- ☐ NYSDEC Subpart 375(a) Unrestricted Use
- ☐ Clean Native Soil
- ☐ Mixed Load ☐ Asphalt ☐ Brick & Concrete

APPENDIX H:
DISPOSAL CHARACTERIZATION SAMPLE LABORATORY TESTING RESULTS

American Analytical Laboratories, LLC.
56 Toledo Street
Farmingdale, New York 11735
TEL: (631) 454-6100 FAX: (631) 454-8027
Website: www.American-Analytical.com

May 15, 2014

Jim DeMartinis
J.R. Holzmacher P.E. LLC
3555 Veterans Memorial Hwy., Suite A
Ronkonkoma, NY 11788
TEL: (631) 234-2220
FAX (631) 234-2221

RE: 102-14/16 Liberty Avenue, Queens, NY Order No.: 1405021

Dear Jim DeMartinis:

American Analytical Laboratories, LLC. received 1 sample(s) on 5/5/2014 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report. The results reported herein relate only to the items tested or to the samples as received by the laboratory. This report may not be reproduced, except in full, without the approval of American Analytical Laboratories, LLC and is not considered complete without a cover page and chain of custody documentation. The limits (LOQ) provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report or the data is qualified either on the sample results or in the QC section of the report. This package has been reviewed by American Analytical Laboratories' QA Department/Laboratory Director to comply with NELAC standards prior to report submittal.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer

Lori Beyer
Lab Director
American Analytical Laboratories, LLC.

American Analytical Laboratories, LLC.
56 Toledo Street
Farmingdale, New York 11735
TEL: (631) 454-6100 FAX: (631) 454-8027
Website: www.American-Analytical.com

Workorder Sample Summary

WO#: **1405021**

16-May-14

CLIENT: J.R. Holzmacher P.E. LLC
Project: 102-14/16 Liberty Avenue, Queens, NY

Lab SampleID	Client Sample ID	Tag No	Date Collected	Date Received	Matrix
1405021-001A	Waste Class		5/5/2014	5/5/2014 2:00:00 PM	Soil
1405021-001B	Waste Class		5/5/2014	5/5/2014 2:00:00 PM	Soil

CHAIN OF CUSTODY

AMERICAN ANALYTICAL LABORATORIES
56 Toledo Street, Farmingdale NY 11735
(T) 631-454-6100 (F) 631-454-8027
www.american-analytical.com

CERTIFICATIONS
NY ELAP - 11418 PA DEP - 68-00573
NJ DEP - NY050 CT DOH - PH-0205

Client Information

Company Name: JR Holzmacher
Address: 3555 Veterans Memorial Hwy
City: Ronkonkoma State: NY Zip: 11779
Project Contact: Jim DeMartinis
Phone #: 631-234-2220
E-mail:

Project Information

Project Name: 102-14/16 Liberty Ave
Street: 102-16 Liberty Avenue
City: Queens State: NY Zip:
Project #: YUMAT 14-01
Sampler's Name / Company: Phil Hoffker Jr / JRH
Sampler's Signature:

Analytical Information

SEE ATTACHED LIST FOR PARAMETERS

LAB SAMPLE # (LAB USE ONLY)	Client Sample ID	Sample Type	Matrix Code	Date	Time	Glass / Plastic	Total # of bottles	NONE	HCl	NaOH	HNO_3	H_2SO_4	$NaHSO_4$	MeOH	OTHER	Analytical Information
	WASTE GLASS	G	S	5/5/14		G	4	X								X

Turnaround Time (Business Days)

- [X] Standard 7-10 Business Days
- [ ] 5 Day *RUSH*
- [ ] 4 Day *RUSH*
- [ ] 3 Day *RUSH*
- [ ] 2 Day *RUSH*
- [ ] 1 Day *RUSH*

SAMPLE TYPE

G = Grab
C = Composite
B = Blank

MATRIX CODES

L = Liquid
S = Soil
O = Oil
W = Wipe
PC = Paint Chip
SL = Sludge
SD = Solid
M = Miscellaneous

Comments / Remarks

PLEASE REPORT IN ppm

Cooler Temp: _____

Sample custody must be documented below, each time samples change possession, with a signature, date, and time.

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
	5/5/14	Philip Hoffker Jr	P Masi	5/5/14 2:00	P. Masi
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME

Sent: Tuesday, April 15, 2014 1:38 PM
To: 'Philip Hoffken'
Subject: Analytical requirements

Phil,
As discussed you are looking at about 39/ton for T&D based on 2 turns per day, material acceptance, etc. If you would like a formal quote just let me know who to make it out to. See below for the testing requirements.
Thanks

Chromium, Hexavalent – EPA SW846-7196A
Cyanide, Total – EPA SW846-9013A/9010C
Herbicides, Target List – EPA SW846-8151B
Metals, Target Analyte List – EPA SW846-6010B
Mercury – EPA SW846-7471
NJDEP EPH (Cat. 2 Non-Fractionated) – NJDEP EPH Rev 3.0
Organic Content by Loss on Ignition – AASHTO/ASTM T 267-86 (2004)
Pesticides, NJDEP/TCL List – EPA SW846-8081B
Polychlorinated Biphenyls (PCB) – RPA SW846-8082A
Semi-Volatiles, NJDEP/TCL List – EPA SW846-8270C
Volatile Organics, NJDEP/TCL List – EPA SW846-8260B

Acceptance protocols require compliance with New Jersey Direct Contact Soil Remediation Standard for all imported material. The current required lab analysis for applicable Target Analytes – TAL/TCL + 30 which is not uniformly capturing the full Target Analyte List, depending on the laboratory performing the analysis. To ensure full compliance with acceptance protocols clients are advised to specifically request on the laboratory Chain of Custody Form.

NJDCSRS and TAL/TCL + 30 plus

Extractable Petroleum Hydrocarbons

Hexavalent Chromium

Please Note:
Lab summary tables are required to be reported in PPM (parts per million)

AMERICAN ANALYTICAL LABORATORIES

CHAIN OF CUSTODY

56 Toledo Street, Farmingdale NY 11735
(T) 631-454-6100 (F) 631-454-8027
www.american-analytical.com

4050604

CERTIFICATIONS
NY ELAP - 11418 PA DEP - 68-00573
NJ DEP - NY050 CT DOH - PH-0205

Client Information

Company Name: American Analytical
Address: 56 Toledo Street
City: Farmingdale State: NY Zip: 11735
Project Contact: Lori Beyer
Phone #: 631 454 6100
E-mail: lbeyer@american-analytical.com

Project Information

Project Name: 102 - 14116 Liberty Avenue
Street: 102 - 16 Liberty Avenue
City: Queens State: NY Zip:
Project #:
Sampler's Name / Company:
Sampler's Signature:

Analytical Information

NJDEP EPH (Cat 2 - non fractionated)

LAB SAMPLE # (LAB USE ONLY)	Client Sample ID	Sample Type	Matrix Code	Date	Time	Glass / Plastic	Total # of bottles	NONE	HCl	NaOH	HNO_3	H_2SO_4	$NaHSO_4$	MeOH	OTHER	NJDEP EPH (Cat 2 - non fractionated)
AC78527-001	WASTE CLASS	G	S	5/5/14	—	G	1	1								X

Turnaround Time (Business Days)

Standard: 7-10 Business Days
5 Day *RUSH*
4 Day *RUSH*
3 Day *RUSH*
2 Day *RUSH*
1 Day *RUSH*

SAMPLE TYPE

G = Grab
C = Composite
B = Blank

MATRIX CODES

L = Liquid
S = Soil
O = Oil
W = Wipe
PC = Paint Chip
SL = Sludge
SD = Solid
M = Miscellaneous

Comments / Remarks

Cooler Temp: _____

Sample custody must be documented below, each time samples change possession, with a signature, date, and time.

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
Lori Bey	5/5/14 17:00.		[illegible]	5/6/14 9:45	
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME

29

American Analytical Laboratories, LLC.
56 Toledo Street
Farmingdale, New York 11735
TEL: (631) 454-6100 FAX: (631) 454-8027
Website: www.American-Analytical.com

Sample Log-In Check List

Client Name: **HOLZMACHER** Work Order Number: **1405021** RcptNo: **1**

Logged by:	**Lori Beyer**	**5/5/2014 2:00:00 PM**	Lori Beyer
Completed By:	**Lori Beyer**	**5/5/2014 3:13:42 PM**	Lori Beyer
Reviewed By:	**Karen Kelly**	**5/5/2014**	Karen Kelly

Chain of Custody

1. Is Chain of Custody complete? Yes ☑ No ☐ Not Present ☐
2. How was the sample delivered?

Log In

3. Coolers are present? Yes ☑ No ☐ NA ☐
4. Shipping container/cooler in good condition? Yes ☑ No ☐
   Custody seals intact on shipping container/cooler? Yes ☐ No ☐ Not Present ☑
   No. Seal Date: Signed By:
5. Was an attempt made to cool the samples? Yes ☑ No ☐ NA ☐
6. Were all samples received at a temperature of >0° C to 6.0°C Yes ☑ No ☐ NA ☐
7. Sample(s) in proper container(s)? Yes ☑ No ☐
8. Sufficient sample volume for indicated test(s)? Yes ☑ No ☐
9. Are samples (except VOA and ONG) properly preserved? Yes ☑ No ☐
10. Was preservative added to bottles? Yes ☐ No ☑ NA ☐
11. Is the headspace in the VOA vials less than 1/4 inch or 6 mm? Yes ☐ No ☐ No VOA Vials ☑
12. Were any sample containers received broken? Yes ☐ No ☑
13. Does paperwork match bottle labels? Yes ☑ No ☐
    (Note discrepancies on chain of custody)
14. Are matrices correctly identified on Chain of Custody? Yes ☑ No ☐
15. Is it clear what analyses were requested? Yes ☑ No ☐
16. Were all holding times able to be met? Yes ☑ No ☐
    (If no, notify customer for authorization.)

Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified:		Date	
By Whom:		Via:	☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:			
Client Instructions:			

18. Additional remarks:

Cooler Information

Cooler No	Temp ºC	Condition	Seal Intact	Seal No	Seal Date	Signed By

American Analytical Laboratories, LLC.
56 Toledo Street
Farmingdale, New York 11735
TEL: (631) 454-6100 FAX: (631) 454-8027
Website: www.American-Analytical.com

Case Narrative

WO#: **1405021**
Date: **5/15/2014**

CLIENT: J.R. Holzmacher P.E. LLC
Project: 102-14/16 Liberty Avenue, Queens, NY

Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846 and additional methods as detailed throughout the text of the report. All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives with exceptions notated in this Narrative discussion and/or in the QC Summary Section of the lab report with appropriate qualifiers. Additional quality control information such as surrogate recovery values for organic testing is provided as part of the analytical results.

Soil sample results analyzed for Volatile Organics via preparation method SW846 Method 5035A via the Low Level procedures potentially may be estimated, "J" (biased low) since the samples for this test were not collected according to the 5035A Method.
Volatile LCS are analyzed with preservatives - HCL/NaHSO4/Methanol depending on level of analysis (high/low) similar to sample analysis. Outliers can be attributed to the presence of chemical preservatives. 2-Chloroethyl vinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

EPH was subcontracted.

Pesticide analysis by Method 8081B is analyzed on two distinct columns. Once a target compound is qualitatively confirmed by detection on both columns and quantitation is determined to be >40% between the two columns, AAL's policy is to report the lower of the values as suggested by SW846 Method 8000C in cases where no interference exists. If in the professional judgment of the laboratory, the higher value must be utilized this is explained in the lab report.

The following parameters (if included in this report) are not offered by NY ELAP: VOA 8260 Soil; 1,2,4,5-Tetramethylbenzene, Chlorodifluoromethane, Diisopropyl ether, Ethanol, Freon-114, p-Diethylbenzene, p-Ethyltoluene, Isopropyl Acetate, n-Amyl Acetate, n-Butyl Acetate, n-Propyl Acetate. VOA 8260 Liquid; 1,2,4,5-Tetramethylbenzene, Chlorodifluoromethane, Freon-114, p-Diethylbenzene, p-Ethyltoluene, Isopropyl Acetate, n-Amyl acetate, n-Butyl Acetate, n-Propyl Acetate. Pesticides 8081 Soil; DBCP. Herbicides 8151 Soil; 3,5-Dichlorobenzoic Acid, 4-Nitrophenol, Acifluorfen, Bentazon, Chloramben, DCPA, Picloram .Lachat 10-107-6-1B Ammonia in Soil, SM 2540G Total Volatile Solids, Soil TKN, Soil Organic Nitrogen, Percent Moisture, SM 4500-SO3 B Sulfite in Liquid, Total Sulfur in Soil, Acid Soluble Chloride by ASTMC1152, Water Soluble Chloride by ASTMC1218, Chlorine Demand by SM 2350 B, Total Residual Chlorine in Liquid

American Analytical Laboratories, LLC.
56 Toledo Street
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Website: www.American-Analytical.com

Case Narrative

WO#: **1405021**
Date: **5/15/2014**

CLIENT: J.R. Holzmacher P.E. LLC
Project: 102-14/16 Liberty Avenue, Queens, NY

The test results meet the requirements of the NYSDOH and NELAC standards, except where noted. The information contained in this analytical report is the sole property of American Analytical Laboratories, LLC. or the client for which this report was issued. The results contained in this report are only representative of the samples received. The sample receipt checklist is included as part of this lab report. Conditions can vary at different times and at different sampling conditions. American Analytical is not responsible for the use or interpretation of the data included herein.

Definitions:

Sample Result and QC Summary Qualifiers - Level I and Level II Reports
ND - Not detected at the reporting limit/Limit of Quantitation

B - The analyte was detected in the associated method blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consier anything <10x the blank value as artifact.

E - The value is above the quantitation range

D - Analyte concentration was obtained from diluted analysis or from analysis using reduced sample volume.

J - The analyte was detected below the limit of quantitation but greater than the established Limit of Detection (LOD). There is greater uncertainty associated with these results and data should be considered as estimated.

U - The compound was analyzed for but not detected.

H - Holding time for preparation or analysis has been exceeded.

S - Spike recovery is outside accepted recovery limits.

R - RPD is outside accepted recovery range.

P - Secondary column exceeds 40% difference for GC test.

* - Calibration exceeds method requirement. Due to the large number of analytes for organic testing, the method allows 10% of analytes to have %RSD and/or %D to be >20%.

LOD - Limit of Detection; the lowest level the analyte can be determined to be statistically different from a blank.

LOQ - Limit of Quantitation; the lowest amount of analyte in a sample that can be quantitatively determined with suitable precision and accurary.
m - Analyte was manually integrated for GC/MS.
+ - Concentration exceeds regulatory level for TCLP

American Analytical Laboratories, LLC.

Date: *16-May-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	Waste Class
Lab Order:	1405021	**Collection Date:**	5/5/2014
Project:	102-14/16 Liberty Avenue, Queens, NY	**Matrix:**	SOIL
Lab ID:	1405021-001A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**		**SW5035A**		Analyst: **LA**
1,1,1,2-Tetrachloroethane	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
1,1,1-Trichloroethane	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
1,1,2,2-Tetrachloroethane	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
1,1,2-Trichloroethane	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
1,1-Dichloroethane	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
1,1-Dichloroethene	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
1,1-Dichloropropene	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
1,2,3-Trichlorobenzene	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
1,2,3-Trichloropropane	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
1,2,4,5-Tetramethylbenzene	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
1,2,4-Trichlorobenzene	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
1,2,4-Trimethylbenzene	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
1,2-Dibromo-3-chloropropane	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
1,2-Dibromoethane	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
1,2-Dichlorobenzene	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
1,2-Dichloroethane	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
1,2-Dichloropropane	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
1,3,5-Trimethylbenzene	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
1,3-Dichlorobenzene	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
1,3-dichloropropane	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
1,4-Dichlorobenzene	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
1,4-Dioxane	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
2,2-Dichloropropane	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
2-Butanone	ND	5.1	10	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
2-Chloroethyl vinyl ether	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
2-Chlorotoluene	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
2-Hexanone	ND	5.1	10	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
2-Propanol	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
4-Chlorotoluene	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
4-Isopropyltoluene	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
4-Methyl-2-pentanone	ND	5.1	10	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
Acetone	2.2	1.3	10	BJ*	µg/Kg-dry	1	5/6/2014 1:24:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, New York, Zip - 11735
Tel - (631) 454-6100 Fax - (631) 454-8027 www.american-analytical.com

American Analytical Laboratories, LLC.

Date: *16-May-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	Waste Class
Lab Order:	1405021	**Collection Date:**	5/5/2014
Project:	102-14/16 Liberty Avenue, Queens, NY	**Matrix:**	SOIL
Lab ID:	1405021-001A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**		**SW5035A**		Analyst: **LA**
Benzene	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
Bromobenzene	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
Bromochloromethane	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
Bromodichloromethane	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
Bromoform	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
Bromomethane	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
Carbon disulfide	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
Carbon tetrachloride	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
Chlorobenzene	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
Chlorodifluoromethane	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
Chloroethane	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
Chloroform	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
Chloromethane	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
cis-1,2-Dichloroethene	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
cis-1,3-Dichloropropene	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
Cyclohexane	ND	2	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
Dibromochloromethane	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
Dibromomethane	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
Dichlorodifluoromethane	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
Diisopropyl ether	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
Ethanol	ND	10	20	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
Ethylbenzene	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
Freon-114	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
Hexachlorobutadiene	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
Isopropylbenzene	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
m,p-Xylene	ND	2	10	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
Methyl Acetate	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
Methyl tert-butyl ether	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
Methylene chloride	8.4	1	5.1	B*	µg/Kg-dry	1	5/6/2014 1:24:00 PM
n-Butylbenzene	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
n-Propylbenzene	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
Naphthalene	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
o-Xylene	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM

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American Analytical Laboratories, LLC.

Date: *16-May-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	Waste Class
Lab Order:	1405021	**Collection Date:**	5/5/2014
Project:	102-14/16 Liberty Avenue, Queens, NY	**Matrix:**	SOIL
Lab ID:	1405021-001A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**		**SW5035A**		Analyst: **LA**
p-Diethylbenzene	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
p-Ethyltoluene	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
sec-Butylbenzene	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
Styrene	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
t-Butyl alcohol	ND	2.6	5.1	U*	µg/Kg-dry	1	5/6/2014 1:24:00 PM
tert-Butylbenzene	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
Tetrachloroethene	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
Toluene	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
trans-1,2-Dichloroethene	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
trans-1,3-Dichloropropene	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
Trichloroethene	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
Trichlorofluoromethane	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
Vinyl acetate	ND	1	5.1	U*	µg/Kg-dry	1	5/6/2014 1:24:00 PM
Vinyl chloride	ND	1	5.1	U	µg/Kg-dry	1	5/6/2014 1:24:00 PM
Surr: 4-Bromofluorobenzene	100	0	56-133		%REC	1	5/6/2014 1:24:00 PM
Surr: Dibromofluoromethane	102	0	60-132		%REC	1	5/6/2014 1:24:00 PM
Surr: Toluene-d8	99.9	0	69-125		%REC	1	5/6/2014 1:24:00 PM

American Analytical Laboratories, LLC.

Date: *16-May-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	Waste Class
Lab Order:	1405021	**Collection Date:**	5/5/2014
Project:	102-14/16 Liberty Avenue, Queens, NY	**Matrix:**	SOIL
Lab ID:	1405021-001B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
MERCURY			**SW7471B**		**SW7471B**		Analyst: **JP**
Mercury	ND	0.008	0.0125	U	mg/Kg-dry	1	5/6/2014 1:00:19 PM
HERBICIDES SW-846 8151			**SW8151A**		**SW8151A**		Analyst: **SB**
2,4,5-T	ND	1.04	3.1	U	µg/Kg-dry	1	5/8/2014 1:01:00 PM
2,4,5-TP	ND	1.04	3.1	U	µg/Kg-dry	1	5/8/2014 1:01:00 PM
2,4-D	ND	1.04	3.1	U	µg/Kg-dry	1	5/8/2014 1:01:00 PM
Dicamba	ND	1.04	3.1	U	µg/Kg-dry	1	5/8/2014 1:01:00 PM
Surr: 2,4-DCAA	252	0	12-156	S	%REC	1	5/8/2014 1:01:00 PM
PCB'S AS AROCLORS SW-846 METHOD 8082			**SW8082A**		**SW3546**		Analyst: **SB**
Aroclor 1016	ND	10.2	20	U	µg/Kg-dry	1	5/7/2014 8:41:00 PM
Aroclor 1221	ND	10.2	20	U	µg/Kg-dry	1	5/7/2014 8:41:00 PM
Aroclor 1232	ND	10.2	20	U	µg/Kg-dry	1	5/7/2014 8:41:00 PM
Aroclor 1242	ND	10.2	20	U	µg/Kg-dry	1	5/7/2014 8:41:00 PM
Aroclor 1248	ND	10.2	20	U	µg/Kg-dry	1	5/7/2014 8:41:00 PM
Aroclor 1254	ND	10.2	20	U	µg/Kg-dry	1	5/7/2014 8:41:00 PM
Aroclor 1260	ND	10.2	20	U	µg/Kg-dry	1	5/7/2014 8:41:00 PM
Aroclor 1262	ND	10.2	20	U	µg/Kg-dry	1	5/7/2014 8:41:00 PM
Aroclor 1268	ND	10.2	20	U	µg/Kg-dry	1	5/7/2014 8:41:00 PM
Surr: DCB	72.2	0	12-144		%REC	1	5/7/2014 8:41:00 PM
Surr: TCX	77.8	0	13-145		%REC	1	5/7/2014 8:41:00 PM
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
4,4´-DDD	ND	1.02	2.5	U	µg/Kg-dry	1	5/7/2014 5:18:00 PM
4,4´-DDE	ND	1.02	2.5	U	µg/Kg-dry	1	5/7/2014 5:18:00 PM
4,4´-DDT	ND	1.02	2.5	U	µg/Kg-dry	1	5/7/2014 5:18:00 PM
Aldrin	ND	1.02	2.5	U	µg/Kg-dry	1	5/7/2014 5:18:00 PM
alpha-BHC	ND	1.02	2.5	U	µg/Kg-dry	1	5/7/2014 5:18:00 PM
alpha-Chlordane	ND	3.05	10	U	µg/Kg-dry	1	5/7/2014 5:18:00 PM
beta-BHC	ND	1.02	2.5	U	µg/Kg-dry	1	5/7/2014 5:18:00 PM
Chlorobenzilate	ND	1.02	2.5	U	µg/Kg-dry	1	5/7/2014 5:18:00 PM
DBCP	ND	1.02	2.5	U	µg/Kg-dry	1	5/7/2014 5:18:00 PM
delta-BHC	ND	1.02	2.5	U	µg/Kg-dry	1	5/7/2014 5:18:00 PM
Dieldrin	ND	1.02	2.5	U	µg/Kg-dry	1	5/7/2014 5:18:00 PM

American Analytical Laboratories, LLC.

Date: *16-May-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	Waste Class
Lab Order:	1405021	**Collection Date:**	5/5/2014
Project:	102-14/16 Liberty Avenue, Queens, NY	**Matrix:**	SOIL
Lab ID:	1405021-001B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
Endosulfan I	ND	1.02	2.5	U	µg/Kg-dry	1	5/7/2014 5:18:00 PM
Endosulfan II	ND	1.02	2.5	U	µg/Kg-dry	1	5/7/2014 5:18:00 PM
Endosulfan sulfate	ND	1.02	2.5	U	µg/Kg-dry	1	5/7/2014 5:18:00 PM
Endrin	ND	1.02	2.5	U	µg/Kg-dry	1	5/7/2014 5:18:00 PM
Endrin aldehyde	ND	1.02	2.5	U	µg/Kg-dry	1	5/7/2014 5:18:00 PM
Endrin ketone	ND	1.02	2.5	U	µg/Kg-dry	1	5/7/2014 5:18:00 PM
gamma-BHC	ND	1.02	2.5	U	µg/Kg-dry	1	5/7/2014 5:18:00 PM
gamma-Chlordane	ND	3.05	10	U	µg/Kg-dry	1	5/7/2014 5:18:00 PM
Heptachlor	ND	1.02	2.5	U	µg/Kg-dry	1	5/7/2014 5:18:00 PM
Heptachlor epoxide	ND	1.02	2.5	U	µg/Kg-dry	1	5/7/2014 5:18:00 PM
Hexachlorobenzene	ND	1.02	2.5	U	µg/Kg-dry	1	5/7/2014 5:18:00 PM
Hexachlorocyclopentadiene	ND	1.02	2.5	U	µg/Kg-dry	1	5/7/2014 5:18:00 PM
Methoxychlor	ND	1.02	2.5	U	µg/Kg-dry	1	5/7/2014 5:18:00 PM
Toxaphene	ND	12.7	25	U	µg/Kg-dry	1	5/7/2014 5:18:00 PM
Surr: TCX	81.0	0	19-145		%REC	1	5/7/2014 5:18:00 PM
Surr: DCB	77.9	0	16-148		%REC	1	5/7/2014 5:18:00 PM
PERCENT MOISTURE			**D2216**				Analyst: **CF**
Percent Moisture	3.8	1	1.0		wt%	1	5/7/2014 4:38:05 PM
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Aluminum	2940	0.10	0.416		mg/Kg-dry	1	5/7/2014 11:29:47 AM
Antimony	ND	0.21	0.519	U	mg/Kg-dry	1	5/7/2014 11:29:47 AM
Arsenic	0.929	0.21	0.519		mg/Kg-dry	1	5/7/2014 11:29:47 AM
Barium	22.9	0.21	0.416		mg/Kg-dry	1	5/7/2014 11:29:47 AM
Beryllium	ND	0.10	0.416	U	mg/Kg-dry	1	5/7/2014 11:29:47 AM
Cadmium	ND	0.10	0.416	U	mg/Kg-dry	1	5/7/2014 11:29:47 AM
Calcium	1490	0.21	0.519		mg/Kg-dry	1	5/7/2014 11:29:47 AM
Chromium	9.59	0.10	0.416		mg/Kg-dry	1	5/7/2014 11:29:47 AM
Cobalt	ND	0.10	0.416	U	mg/Kg-dry	1	5/7/2014 11:29:47 AM
Copper	6.56	0.10	0.416		mg/Kg-dry	1	5/7/2014 11:29:47 AM
Iron	9700	1.04	2.08	D	mg/Kg-dry	5	5/7/2014 12:07:56 PM
Lead	5.46	0.21	0.416		mg/Kg-dry	1	5/7/2014 11:29:47 AM
Magnesium	1720	0.10	0.416		mg/Kg-dry	1	5/7/2014 11:29:47 AM

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American Analytical Laboratories, LLC.

Date: *16-May-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	Waste Class
Lab Order:	1405021	**Collection Date:**	5/5/2014
Project:	102-14/16 Liberty Avenue, Queens, NY	**Matrix:**	SOIL
Lab ID:	1405021-001B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Manganese	207	0.10	0.416		mg/Kg-dry	1	5/7/2014 11:29:47 AM
Nickel	7.21	0.10	0.416		mg/Kg-dry	1	5/7/2014 11:29:47 AM
Potassium	537	0.21	0.519		mg/Kg-dry	1	5/7/2014 11:29:47 AM
Selenium	ND	0.21	0.519	U	mg/Kg-dry	1	5/7/2014 11:29:47 AM
Silver	ND	0.10	0.416	U	mg/Kg-dry	1	5/7/2014 11:29:47 AM
Sodium	43.1	0.21	0.519		mg/Kg-dry	1	5/7/2014 11:29:47 AM
Thallium	ND	0.31	0.519	U	mg/Kg-dry	1	5/7/2014 11:29:47 AM
Vanadium	10.5	0.10	0.416		mg/Kg-dry	1	5/7/2014 11:29:47 AM
Zinc	13.2	0.10	0.416		mg/Kg-dry	1	5/7/2014 11:29:47 AM
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Biphenyl	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
1,2,4-Trichlorobenzene	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
1,2-Dichlorobenzene	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
1,3-Dichlorobenzene	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
1,4-Dichlorobenzene	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
2,4,5-Trichlorophenol	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
2,4,6-Trichlorophenol	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
2,4-Dichlorophenol	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
2,4-Dimethylphenol	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
2,4-Dinitrophenol	ND	49.8	500	U*	µg/Kg-dry	1	5/8/2014 4:02:00 PM
2,4-Dinitrotoluene	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
2,6-Dinitrotoluene	ND	49.8	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
2-Chloronaphthalene	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
2-Chlorophenol	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
2-Methylnaphthalene	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
2-Methylphenol	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
2-Nitroaniline	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
2-Nitrophenol	ND	49.8	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
3+4-Methylphenol	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
3,3´-Dichlorobenzidine	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
3-Nitroaniline	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
4,6-Dinitro-2-methylphenol	ND	49.8	500	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM

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American Analytical Laboratories, LLC.

Date: *16-May-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	Waste Class
Lab Order:	1405021	**Collection Date:**	5/5/2014
Project:	102-14/16 Liberty Avenue, Queens, NY	**Matrix:**	SOIL
Lab ID:	1405021-001B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
4-Bromophenyl phenyl ether	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
4-Chloro-3-methylphenol	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
4-Chloroaniline	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
4-Chlorophenyl phenyl ether	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
4-Nitroaniline	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
4-Nitrophenol	ND	49.8	500	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
Acenaphthene	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
Acenaphthylene	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
Acetophenone	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
Aniline	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
Anthracene	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
Atrazine	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
Azobenzene	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
Benzaldehyde	ND	49.8	500	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
Benzidine	ND	49.8	500	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
Benzo(a)anthracene	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
Benzo(a)pyrene	ND	24.9	150	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
Benzo(b)fluoranthene	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
Benzo(g,h,i)perylene	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
Benzo(k)fluoranthene	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
Benzoic acid	ND	49.8	500	U*	µg/Kg-dry	1	5/8/2014 4:02:00 PM
Benzyl alcohol	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
Bis(2-chloroethoxy)methane	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
Bis(2-chloroethyl)ether	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
Bis(2-chloroisopropyl)ether	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
Bis(2-ethylhexyl)phthalate	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
Butyl benzyl phthalate	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
Caprolactam	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
Carbazole	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
Chrysene	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
Di-n-butyl phthalate	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
Di-n-octyl phthalate	ND	49.8	500	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
Dibenzo(a,h)anthracene	ND	24.9	150	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM

American Analytical Laboratories, LLC.

Date: *16-May-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	Waste Class
Lab Order:	1405021	**Collection Date:**	5/5/2014
Project:	102-14/16 Liberty Avenue, Queens, NY	**Matrix:**	SOIL
Lab ID:	1405021-001B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Dibenzofuran	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
Diethyl phthalate	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
Dimethyl phthalate	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
Fluoranthene	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
Fluorene	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
Hexachlorobenzene	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
Hexachlorobutadiene	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
Hexachlorocyclopentadiene	ND	49.8	250	U*	µg/Kg-dry	1	5/8/2014 4:02:00 PM
Hexachloroethane	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
Indeno(1,2,3-c,d)pyrene	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
Isophorone	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
N-Nitrosodi-n-propylamine	ND	24.9	150	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
N-Nitrosodimethylamine	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
N-Nitrosodiphenylamine	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
Naphthalene	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
Nitrobenzene	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
Parathion	ND	49.8	500	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
Pentachlorophenol	ND	49.8	500	U*	µg/Kg-dry	1	5/8/2014 4:02:00 PM
Phenanthrene	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
Phenol	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
Pyrene	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
Pyridine	ND	24.9	250	U	µg/Kg-dry	1	5/8/2014 4:02:00 PM
Surr: 2,4,6-Tribromophenol	79.4	0	11-135		%REC	1	5/8/2014 4:02:00 PM
Surr: 2-Fluorobiphenyl	72.5	0	21-143		%REC	1	5/8/2014 4:02:00 PM
Surr: 2-Fluorophenol	91.9	0	14-122		%REC	1	5/8/2014 4:02:00 PM
Surr: 4-Terphenyl-d14	75.7	0	15-137		%REC	1	5/8/2014 4:02:00 PM
Surr: Nitrobenzene-d5	75.2	0	17-136		%REC	1	5/8/2014 4:02:00 PM
Surr: Phenol-d6	89.8	0	10-116		%REC	1	5/8/2014 4:02:00 PM
CYANIDE, TOTAL			**SW9012B**		**SW9012B**		Analyst: **STP**
Cyanide, Total & Amenable: Auto Colorimetric	0.231	0.05	0.104		mg/Kg-dry	1	5/9/2014 1:00:30 PM
HEXAVALENT CHROMIUM			**SW7196A**		**SW3060A**		Analyst: **PAV**

American Analytical Laboratories, LLC.

Date: *16-May-14*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	Waste Class
Lab Order:	1405021	**Collection Date:**	5/5/2014
Project:	102-14/16 Liberty Avenue, Queens, NY	**Matrix:**	SOIL
Lab ID:	1405021-001B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
HEXAVALENT CHROMIUM			**SW7196A**		**SW3060A**		Analyst: **PAV**
Chromium, Hexavalent	ND	0.21	0.519	U	mg/Kg-dry	1	5/9/2014 9:00:00 AM
TOTAL VOLATILE SOLIDS			**M2540 G**				Analyst: **PAV**
Total Volatile Solids	0.520	0	0		wt%	1	5/9/2014 4:00:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, New York, Zip - 11735
Tel - (631) 454-6100 Fax - (631) 454-8027 www.american-analytical.com

HCV Report Of Analysis
DRAFT

Client: American Analytical Laboratories
Project: 102_14116 Liberty Ave

HCV Project #: 4050604

Sample ID: WASTE CLASS
Lab#: AC78527-001
Matrix: Soil

Collection Date: 5/5/2014
Receipt Date: 5/6/2014

% Solids SM2540G — DRAFT

Analyte	DF	Units	RL	Result
% Solids	1	percent		97

NJ EPH Category 2 — DRAFT

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	62	ND

AMERICAN ANALYTICAL LABORATORIES

CHAIN OF CUSTODY

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4050604

CERTIFICATIONS
NY ELAP - 11418 PA DEP - 68-00573
NJ DEP - NY050 CT DOH - PH-0205

Client Information

Company Name: American Analytical
Address: 56 Toledo Street
City: Farmingdale State: NY Zip: 11735
Project Contact: Lori Beyer
Phone #: 631 454 6100
E-mail: lbeyer@american-analytical.com

Project Information

Project Name: 102 - 14116 Liberty Avenue
Street: 102 - 16 Liberty Avenue
City: Queens State: NY Zip:
Project #:
Sampler's Name / Company:
Sampler's Signature:

Analytical Information

LAB SAMPLE # (LAB USE ONLY)	Client Sample ID	Sample Type	Matrix Code	Date	Time	Glass / Plastic	Total # of bottles	NONE	HCl	NaOH	HNO_3	H_2SO_4	$NaHSO_4$	MeOH	OTHER	NJDEP EPH	CCDA2 - Non Fractionated
AC78527-001	WASTE CLASS	G	S	5/5/14	—	G	1	1								X	

Turnaround Time (Business Days)

Standard
- [ ] 7-10 Business Days
- [ ] 5 Day *RUSH*
- [ ] 4 Day *RUSH*
- [ ] 3 Day *RUSH*
- [ ] 2 Day *RUSH*
- [ ] 1 Day *RUSH*

SAMPLE TYPE

G = Grab
C = Composite
B = Blank

MATRIX CODES

L = Liquid
S = Soil
O = Oil
W = Wipe
PC = Paint Chip
SL = Sludge
SD = Solid
M = Miscellaneous

Comments / Remarks

Cooler Temp: _____

Sample custody must be documented below, each time samples change possession, with a signature, date, and time.

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
Lori Br	DATE 5/5/14 TIME 17:00.		MAWell	DATE 5/6/14 TIME 9:45	
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME

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APPENDIX I:
END-POINT SAMPLE ANALYTICAL LABORATORY DATA

American Analytical Laboratories, LLC.
56 Toledo Street
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Website: www.American-Analytical.com

July 23, 2015

Phil Hoffken
J.R. Holzmacher P.E. LLC
3555 Veterans Memorial Hwy., Suite A
Ronkonkoma, NY 11788
TEL:
FAX

RE: OER-Track 1; 102-14 Liberty Ave., Queens, Order No.: 1507125

Dear Phil Hoffken:

American Analytical Laboratories, LLC. received 4 sample(s) on 7/16/2015 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report. The results reported herein relate only to the items tested or to the samples as received by the laboratory. This report may not be reproduced, except in full, without the approval of American Analytical Laboratories, LLC and is not considered complete without a cover page and chain of custody documentation. The limits (LOQ) provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report or the data is qualified either on the sample results or in the QC section of the report. This package has been reviewed by American Analytical Laboratories' QA Department/Laboratory Director to comply with NELAC standards prior to report submittal.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer

Lori Beyer
Lab Director
American Analytical Laboratories, LLC.

American Analytical Laboratories, LLC.
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Farmingdale, New York 11735
TEL: (631) 454-6100 FAX: (631) 454-8027
Website: www.American-Analytical.com

Workorder Sample Summary

WO#: **1507125**

23-Jul-15

CLIENT: J.R. Holzmacher P.E. LLC
Project: OER-Track 1; 102-14 Liberty Ave., Queens, NY

Lab SampleID	Client Sample ID	Tag No	Date Collected	Date Received	Matrix
1507125-001A	EP-1		7/16/2015 12:05:00 PM	7/16/2015 2:25:00 PM	Soil
1507125-001B	EP-1		7/16/2015 12:05:00 PM	7/16/2015 2:25:00 PM	Soil
1507125-002A	EP-2		7/16/2015 12:15:00 PM	7/16/2015 2:25:00 PM	Soil
1507125-002B	EP-2		7/16/2015 12:15:00 PM	7/16/2015 2:25:00 PM	Soil
1507125-003A	EP-3		7/16/2015 12:20:00 PM	7/16/2015 2:25:00 PM	Soil
1507125-003B	EP-3		7/16/2015 12:20:00 PM	7/16/2015 2:25:00 PM	Soil
1507125-004A	EP-4		7/16/2015 12:25:00 PM	7/16/2015 2:25:00 PM	Soil
1507125-004B	EP-4		7/16/2015 12:25:00 PM	7/16/2015 2:25:00 PM	Soil

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CERTIFICATIONS
NY ELAP - 11418 PA DEP - 68-00573
NJ DEP - NY050 CT DOH - PH-0205

Client Information

Company Name: JR HOLZMACHER
Address: 3555 VETERANS MEMORIAL HWY
City: RONKONKOMA State: NY Zip: 11779
Project Contact: PHIL HOFFKEN
Phone #: 631-234-2220
E-mail:

Project Information

Project Name: OER - TRACK 1 EMPIRE
Street: 102-14 LIBERTY AVE
City: QUEENS State: NY Zip:
Project #: YUNAJ 14-01
Sampler's Name / Company: PHIL HOFFKEN / JRH
Sampler's Signature:

Analytical Information

LAB SAMPLE # (LAB USE ONLY)	Client Sample ID	Sample Type	Matrix Code	Date	Time	Glass / Plastic	Total # of bottles	NONE	HCl	NaOH	HNO_3	H_2SO_4	$NaHSO_4$	MeOH	OTHER	VOC	SVOC	PCB	PESTICIDES	TAL METALS
1507125-001	EP-1	S	G	7/16/15	1205	G	2	✓								X	X	X	X	X
002	EP-2	↓	↓	↓	1215	↓	↓	✓								X	X	X	X	X
003	EP-3	↓	↓	↓	1220	↓	↓	X								X	X	X	X	X
004	EP-4	S	G	7/16/15	1225	G	2	X								X	X	X	X	X

Sample Containers: Number of Each Preserved Bottle

Turnaround Time (Business Days)

- [X] Standard 7-10 Business Days
- [ ] 5 Day *RUSH*
- [ ] 4 Day *RUSH*
- [ ] 3 Day *RUSH*
- [ ] 2 Day *RUSH*
- [ ] 1 Day *RUSH*

SAMPLE TYPE

G = Grab
C = Composite
B = Blank

MATRIX CODES

L = Liquid
S = Soil
O = Oil
W = Wipe
PC = Paint Chip
SL = Sludge
SD = Solid
M = Miscellaneous

Comments / Remarks

Cooler Temp: 1.8°C

Sample custody must be documented below, each time samples change possession, with a signature, date, and time.

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
[signature]	7/16/15 1425	PHIL HOFFKEN	P Masi	7/16/15 1425	P masi
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME

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Website: www.American-Analytical.com

Sample Log-In Check List

Client Name: **HOLZMACHER** Work Order Number: **1507125** RcptNo: **1**

Logged by:	**Lori Beyer**	**7/16/2015 2:25:00 PM**	Lori Beyer
Completed By:	**Lori Beyer**	**7/16/2015 2:48:09 PM**	Lori Beyer
Reviewed By:	**Karen Kelly**	**7/16/2015**	Karen Kelly

Chain of Custody

1. Is Chain of Custody complete? Yes ☑ No ☐ Not Present ☐
2. How was the sample delivered?

Log In

3. Coolers are present? Yes ☑ No ☐ NA ☐
4. Shipping container/cooler in good condition? Yes ☑ No ☐
   Custody seals intact on shipping container/cooler? Yes ☐ No ☐ Not Present ☑
   No. Seal Date: Signed By:
5. Was an attempt made to cool the samples? Yes ☑ No ☐ NA ☐
6. Were all samples received at a temperature of >0° C to 6.0°C Yes ☑ No ☐ NA ☐
7. Sample(s) in proper container(s)? Yes ☑ No ☐
8. Sufficient sample volume for indicated test(s)? Yes ☑ No ☐
9. Are samples (except VOA and ONG) properly preserved? Yes ☑ No ☐
10. Was preservative added to bottles? Yes ☐ No ☑ NA ☐
11. Is the headspace in the VOA vials less than 1/4 inch or 6 mm? Yes ☐ No ☐ No VOA Vials ☑
12. Were any sample containers received broken? Yes ☐ No ☑
13. Does paperwork match bottle labels? Yes ☑ No ☐
    (Note discrepancies on chain of custody)
14. Are matrices correctly identified on Chain of Custody? Yes ☑ No ☐
15. Is it clear what analyses were requested? Yes ☑ No ☐
16. Were all holding times able to be met? Yes ☑ No ☐
    (If no, notify customer for authorization.)

Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified:		Date	
By Whom:		Via:	☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:			
Client Instructions:			

18. Additional remarks:

    VOC samples not collected per method 5035A

Cooler Information

Cooler No	Temp ºC	Condition	Seal Intact	Seal No	Seal Date	Signed By

American Analytical Laboratories, LLC.
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Farmingdale, New York 11735
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Website: www.American-Analytical.com

Case Narrative

WO#: **1507125**
Date: **7/23/2015**

CLIENT: J.R. Holzmacher P.E. LLC
Project: OER-Track 1; 102-14 Liberty Ave., Queens, NY

Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846 and additional methods as detailed throughout the text of the report. All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives with exceptions notated in this Narrative discussion and/or in the QC Summary Section of the lab report with appropriate qualifiers. Additional quality control information such as surrogate recovery values for organic testing is provided as part of the analytical results. Batch MS/MSD results are provided in the QC section of the lab report unless the MS/MSD summary forms indicate one of your sample identifications. MS/MSD results relate only to the parent sample that was spiked.

Soil sample results analyzed for Volatile Organics potentially may be estimated, "J" (biased low) since the samples for this test were not collected according to the 5035A Method. Volatile LCS are analyzed with preservatives - HCL/NaHSO4/Methanol depending on level of analysis (high/low) similar to sample analysis. Outliers can be attributed to the presence of chemical preservatives. 2-Chloroethyl vinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Pesticide/PCB analysis is analyzed on two distinct columns. Once a target compound is qualitatively confirmed by detection on both columns and quantitation is determined to be >40% between the two columns, AAL's policy is to report the lower of the values as suggested by SW846 Method 8000C in cases where no interference exists. If in the professional judgment of the laboratory, the higher value must be utilized this is explained in the lab report.

The following parameters (if included in this report) are not offered by NY ELAP: VOA 8260 Soil; 1,2,4,5-Tetramethylbenzene, Chlorodifluoromethane, Diisopropyl ether, Ethanol, Freon-114, p-Diethylbenzene, p-Ethyltoluene, Isopropyl Acetate, n-Amyl Acetate, n-Butyl Acetate, n-Propyl Acetate. VOA 8260 Liquid; 1,2,4,5-Tetramethylbenzene, Chlorodifluoromethane, Freon-114, p-Diethylbenzene, p-Ethyltoluene, Isopropyl Acetate, n-Amyl acetate, n-Butyl Acetate, n-Propyl Acetate. Pesticides 8081 Soil; DBCP. Herbicides 8151 Soil; 3,5-Dichlorobenzoic Acid, 4-Nitrophenol, Acifluorfen, Bentazon, Chloramben, DCPA, Picloram .Lachat 10-107-6-1B Ammonia in Soil, SM 2540G Total Volatile Solids, Soil TKN, Soil Organic Nitrogen, Percent Moisture, pH in non-potable water and temperature at which pH is measured, SM 4500-SO3 B Sulfite in Liquid, Total Sulfur in Soil, Acid Soluble Chloride by ASTMC1152, Water Soluble Chloride by ASTMC1218, Chlorine Demand by SM 2350 B,

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Case Narrative

WO#: **1507125**
Date: **7/23/2015**

CLIENT: J.R. Holzmacher P.E. LLC
Project: OER-Track 1; 102-14 Liberty Ave., Queens, NY

Total Residual Chlorine in Liquid and Nitrate-Nitrite, Nitrogen in non-potable water and Reactivity to Sulfide and Reactivity to Cyanide.

The test results meet the requirements of the NYSDOH and NELAC standards, except where noted. The information contained in this analytical report is the sole property of American Analytical Laboratories, LLC. or the client for which this report was issued. The results contained in this report are only representative of the samples received. The sample receipt checklist is included as part of this lab report. Conditions can vary at different times and at different sampling conditions. American Analytical is not responsible for the use or interpretation of the data included herein.

Definitions:

Sample Result and QC Summary Qualifiers - Level I and Level II Reports
ND - Not detected at the reporting limit/Limit of Quantitation

B - The analyte was detected in the associated method blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <5x the blank value as artifact.

E - The value is above the quantitation range

D - Analyte concentration was obtained from diluted analysis or from analysis using reduced sample volume.

J - The analyte was detected below the limit of quantitation but greater than the established Limit of Detection (LOD). There is greater uncertainty associated with these results and data should be considered as estimated.

U - The compound was analyzed for but not detected.

H - Holding time for preparation or analysis has been exceeded.

S - Spike recovery is outside accepted recovery limits.

R - RPD is outside accepted recovery range.

P - Secondary column exceeds 40% difference for GC test.

* - Calibration exceeds method requirement. Due to the large number of analytes for organic testing, the method allows 10% of analytes to have %RSD and/or %D to be >20%.

LOD - Limit of Detection; the lowest level the analyte can be determined to be statistically different from a blank.

LOQ - Limit of Quantitation; the lowest amount of analyte in a sample that can be quantitatively determined with suitable precision and accurary.
m - Analyte was manually integrated for GC/MS.
+ - Concentration exceeds regulatory level for TCLP

American Analytical Laboratories, LLC.

Date: *23-Jul-15*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	EP-1
Lab Order:	1507125	**Collection Date:**	7/16/2015 12:05:00 PM
Project:	OER-Track 1; 102-14 Liberty Ave., Queens, NY	**Matrix:**	SOIL
Lab ID:	1507125-001A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**		**SW5035A**		Analyst: **LA**
1,1,1,2-Tetrachloroethane	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
1,1,1-Trichloroethane	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
1,1,2,2-Tetrachloroethane	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
1,1,2-Trichloroethane	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
1,1-Dichloroethane	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
1,1-Dichloroethene	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
1,1-Dichloropropene	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
1,2,3-Trichlorobenzene	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
1,2,3-Trichloropropane	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
1,2,4,5-Tetramethylbenzene	ND	1.03	5.2	U*	µg/Kg-dry	1	7/17/2015 1:50:00 PM
1,2,4-Trichlorobenzene	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
1,2,4-Trimethylbenzene	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
1,2-Dibromo-3-chloropropane	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
1,2-Dibromoethane	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
1,2-Dichlorobenzene	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
1,2-Dichloroethane	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
1,2-Dichloropropane	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
1,3,5-Trimethylbenzene	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
1,3-Dichlorobenzene	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
1,3-dichloropropane	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
1,4-Dichlorobenzene	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
1,4-Dioxane	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
2,2-Dichloropropane	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
2-Butanone	ND	5.15	10	U*	µg/Kg-dry	1	7/17/2015 1:50:00 PM
2-Chloroethyl vinyl ether	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
2-Chlorotoluene	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
2-Hexanone	ND	5.15	10	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
2-Propanol	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
4-Chlorotoluene	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
4-Isopropyltoluene	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
4-Methyl-2-pentanone	ND	5.15	10	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
Acetone	ND	5.15	10	U*	µg/Kg-dry	1	7/17/2015 1:50:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, New York, Zip - 11735
Tel - (631) 454-6100 Fax - (631) 454-8027 www.american-analytical.com

American Analytical Laboratories, LLC.

Date: *23-Jul-15*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	EP-1
Lab Order:	1507125	**Collection Date:**	7/16/2015 12:05:00 PM
Project:	OER-Track 1; 102-14 Liberty Ave., Queens, NY	**Matrix:**	SOIL
Lab ID:	1507125-001A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**		**SW5035A**		Analyst: **LA**
Benzene	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
Bromobenzene	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
Bromochloromethane	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
Bromodichloromethane	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
Bromoform	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
Bromomethane	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
Carbon disulfide	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
Carbon tetrachloride	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
Chlorobenzene	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
Chlorodifluoromethane	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
Chloroethane	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
Chloroform	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
Chloromethane	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
cis-1,2-Dichloroethene	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
cis-1,3-Dichloropropene	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
Cyclohexane	ND	2.06	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
Dibromochloromethane	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
Dibromomethane	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
Dichlorodifluoromethane	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
Diisopropyl ether	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
Ethanol	ND	10.3	21	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
Ethylbenzene	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
Freon-114	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
Hexachlorobutadiene	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
Isopropylbenzene	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
m,p-Xylene	ND	2.06	10	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
Methyl Acetate	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
Methyl tert-butyl ether	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
Methylene chloride	5.6	5.15	10	J*	µg/Kg-dry	1	7/17/2015 1:50:00 PM
n-Butylbenzene	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
n-Propylbenzene	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
Naphthalene	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
o-Xylene	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM

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American Analytical Laboratories, LLC.

Date: *23-Jul-15*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	EP-1
Lab Order:	1507125	**Collection Date:**	7/16/2015 12:05:00 PM
Project:	OER-Track 1; 102-14 Liberty Ave., Queens, NY	**Matrix:**	SOIL
Lab ID:	1507125-001A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**		**SW5035A**		Analyst: **LA**
p-Diethylbenzene	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
p-Ethyltoluene	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
sec-Butylbenzene	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
Styrene	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
t-Butyl alcohol	ND	2.58	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
tert-Butylbenzene	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
Tetrachloroethene	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
Toluene	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
trans-1,2-Dichloroethene	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
trans-1,3-Dichloropropene	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
Trichloroethene	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
Trichlorofluoromethane	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
Vinyl acetate	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
Vinyl chloride	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
Acrolein	ND	12.9	26	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
Acrylonitrile	ND	1.03	5.2	U	µg/Kg-dry	1	7/17/2015 1:50:00 PM
Surr: 4-Bromofluorobenzene	91.9	0	50-139		%REC	1	7/17/2015 1:50:00 PM
Surr: Dibromofluoromethane	124	0	50-138		%REC	1	7/17/2015 1:50:00 PM
Surr: Toluene-d8	104	0	71-120		%REC	1	7/17/2015 1:50:00 PM

American Analytical Laboratories, LLC.

Date: *23-Jul-15*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	EP-1
Lab Order:	1507125	**Collection Date:**	7/16/2015 12:05:00 PM
Project:	OER-Track 1; 102-14 Liberty Ave., Queens, NY	**Matrix:**	SOIL
Lab ID:	1507125-001B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
MERCURY			**SW7471B**		**SW7471B**		Analyst: **JP**
Mercury	ND	0.008	0.0120	U	mg/Kg-dry	1	7/21/2015 10:35:28 AM
PCB'S AS AROCLORS SW-846 METHOD 8082			**SW8082A**		**SW3546**		Analyst: **SB**
Aroclor 1016	ND	10.4	21	U	µg/Kg-dry	1	7/21/2015 11:47:00 PM
Aroclor 1221	ND	10.4	21	U	µg/Kg-dry	1	7/21/2015 11:47:00 PM
Aroclor 1232	ND	10.4	21	U	µg/Kg-dry	1	7/21/2015 11:47:00 PM
Aroclor 1242	ND	10.4	21	U	µg/Kg-dry	1	7/21/2015 11:47:00 PM
Aroclor 1248	ND	10.4	21	U	µg/Kg-dry	1	7/21/2015 11:47:00 PM
Aroclor 1254	ND	10.4	21	U	µg/Kg-dry	1	7/21/2015 11:47:00 PM
Aroclor 1260	ND	10.4	21	U	µg/Kg-dry	1	7/21/2015 11:47:00 PM
Aroclor 1262	ND	10.4	21	U	µg/Kg-dry	1	7/21/2015 11:47:00 PM
Aroclor 1268	ND	10.4	21	U	µg/Kg-dry	1	7/21/2015 11:47:00 PM
Surr: DCB	87.8	0	18-143		%REC	1	7/21/2015 11:47:00 PM
Surr: DCB	81.9	0	18-143		%REC	1	7/21/2015 11:47:00 PM
Surr: TCX	82.0	0	18-146		%REC	1	7/21/2015 11:47:00 PM
Surr: TCX	96.2	0	18-146		%REC	1	7/21/2015 11:47:00 PM
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
4,4´-DDD	ND	1.04	2.6	U	µg/Kg-dry	1	7/18/2015 12:26:00 AM
4,4´-DDE	ND	1.04	2.6	U	µg/Kg-dry	1	7/18/2015 12:26:00 AM
4,4´-DDT	ND	1.04	2.6	U	µg/Kg-dry	1	7/18/2015 12:26:00 AM
Aldrin	ND	1.04	2.6	U	µg/Kg-dry	1	7/18/2015 12:26:00 AM
alpha-BHC	ND	1.04	2.6	U	µg/Kg-dry	1	7/18/2015 12:26:00 AM
alpha-Chlordane	ND	6.22	10	U	µg/Kg-dry	1	7/18/2015 12:26:00 AM
beta-BHC	ND	1.04	2.6	U	µg/Kg-dry	1	7/18/2015 12:26:00 AM
Chlorobenzilate	ND	1.04	2.6	U	µg/Kg-dry	1	7/18/2015 12:26:00 AM
DBCP	ND	1.04	2.6	U	µg/Kg-dry	1	7/18/2015 12:26:00 AM
delta-BHC	ND	1.04	2.6	U	µg/Kg-dry	1	7/18/2015 12:26:00 AM
Dieldrin	ND	1.04	2.6	U	µg/Kg-dry	1	7/18/2015 12:26:00 AM
Endosulfan I	ND	1.04	2.6	U	µg/Kg-dry	1	7/18/2015 12:26:00 AM
Endosulfan II	ND	1.04	2.6	U	µg/Kg-dry	1	7/18/2015 12:26:00 AM
Endosulfan sulfate	ND	1.04	2.6	U	µg/Kg-dry	1	7/18/2015 12:26:00 AM
Endrin	ND	1.04	2.6	U	µg/Kg-dry	1	7/18/2015 12:26:00 AM
Endrin aldehyde	ND	1.04	2.6	U	µg/Kg-dry	1	7/18/2015 12:26:00 AM

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American Analytical Laboratories, LLC.

Date: *23-Jul-15*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	EP-1
Lab Order:	1507125	**Collection Date:**	7/16/2015 12:05:00 PM
Project:	OER-Track 1; 102-14 Liberty Ave., Queens, NY	**Matrix:**	SOIL
Lab ID:	1507125-001B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
Endrin ketone	ND	1.04	2.6	U	µg/Kg-dry	1	7/18/2015 12:26:00 AM
gamma-BHC	ND	1.04	2.6	U	µg/Kg-dry	1	7/18/2015 12:26:00 AM
gamma-Chlordane	ND	6.22	10	U	µg/Kg-dry	1	7/18/2015 12:26:00 AM
Heptachlor	ND	2.07	3.1	U	µg/Kg-dry	1	7/18/2015 12:26:00 AM
Heptachlor epoxide	ND	1.04	2.6	PU	µg/Kg-dry	1	7/18/2015 12:26:00 AM
Hexachlorobenzene	ND	1.04	2.6	U	µg/Kg-dry	1	7/18/2015 12:26:00 AM
Hexachlorocyclopentadiene	ND	3.11	3.1	U	µg/Kg-dry	1	7/18/2015 12:26:00 AM
Methoxychlor	ND	1.04	2.6	U	µg/Kg-dry	1	7/18/2015 12:26:00 AM
Toxaphene	ND	13	26	U	µg/Kg-dry	1	7/18/2015 12:26:00 AM
Surr: DCB	103	0	16-148		%REC	1	7/18/2015 12:26:00 AM
Surr: DCB	103	0	16-148		%REC	1	7/18/2015 12:26:00 AM
Surr: TCX	54.4	0	19-145		%REC	1	7/18/2015 12:26:00 AM
Surr: TCX	53.1	0	19-145		%REC	1	7/18/2015 12:26:00 AM
PERCENT MOISTURE			**D2216**				Analyst: **KK**
Percent Moisture	4.69	0	1.00		wt%	1	7/17/2015 4:58:41 PM
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Aluminum	2170	0.10	0.410		mg/Kg-dry	1	7/20/2015 3:07:24 PM
Antimony	ND	0.20	0.512	U	mg/Kg-dry	1	7/20/2015 3:07:24 PM
Arsenic	0.882	0.20	0.512		mg/Kg-dry	1	7/20/2015 3:07:24 PM
Barium	16.7	0.20	0.410		mg/Kg-dry	1	7/20/2015 3:07:24 PM
Beryllium	ND	0.10	0.410	U	mg/Kg-dry	1	7/20/2015 3:07:24 PM
Cadmium	ND	0.10	0.410	U	mg/Kg-dry	1	7/20/2015 3:07:24 PM
Calcium	490	0.20	0.512		mg/Kg-dry	1	7/20/2015 3:07:24 PM
Chromium	7.92	0.10	0.410		mg/Kg-dry	1	7/20/2015 3:07:24 PM
Cobalt	ND	0.10	0.410	U	mg/Kg-dry	1	7/20/2015 3:07:24 PM
Copper	6.56	0.10	0.410		mg/Kg-dry	1	7/20/2015 3:07:24 PM
Iron	13000	2.05	4.10	D	mg/Kg-dry	10	7/20/2015 3:15:32 PM
Lead	5.28	0.20	0.410		mg/Kg-dry	1	7/20/2015 3:07:24 PM
Magnesium	750	0.10	0.410		mg/Kg-dry	1	7/20/2015 3:07:24 PM
Manganese	217	0.10	0.410		mg/Kg-dry	1	7/20/2015 3:07:24 PM
Nickel	6.53	0.10	0.410		mg/Kg-dry	1	7/20/2015 3:07:24 PM
Potassium	329	0.20	0.512		mg/Kg-dry	1	7/20/2015 3:07:24 PM

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American Analytical Laboratories, LLC.

Date: *23-Jul-15*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	EP-1
Lab Order:	1507125	**Collection Date:**	7/16/2015 12:05:00 PM
Project:	OER-Track 1; 102-14 Liberty Ave., Queens, NY	**Matrix:**	SOIL
Lab ID:	1507125-001B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Selenium	ND	0.20	0.512	U	mg/Kg-dry	1	7/20/2015 3:07:24 PM
Silver	ND	0.10	0.410	U	mg/Kg-dry	1	7/20/2015 3:07:24 PM
Sodium	31.2	0.20	0.512		mg/Kg-dry	1	7/20/2015 3:07:24 PM
Thallium	ND	0.31	0.512	U	mg/Kg-dry	1	7/20/2015 3:07:24 PM
Vanadium	11.4	0.10	0.410		mg/Kg-dry	1	7/20/2015 3:07:24 PM
Zinc	14.2	0.10	0.410		mg/Kg-dry	1	7/20/2015 3:07:24 PM
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Biphenyl	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
1,2,4-Trichlorobenzene	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
1,2-Dichlorobenzene	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
1,3-Dichlorobenzene	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
1,4-Dichlorobenzene	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
2,4,5-Trichlorophenol	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
2,4,6-Trichlorophenol	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
2,4-Dichlorophenol	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
2,4-Dimethylphenol	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
2,4-Dinitrophenol	ND	52.1	520	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
2,4-Dinitrotoluene	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
2,6-Dinitrotoluene	ND	52.1	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
2-Chloronaphthalene	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
2-Chlorophenol	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
2-Methylnaphthalene	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
2-Methylphenol	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
2-Nitroaniline	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
2-Nitrophenol	ND	52.1	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
3+4-Methylphenol	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
3,3´-Dichlorobenzidine	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
3-Nitroaniline	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
4,6-Dinitro-2-methylphenol	ND	52.1	520	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
4-Bromophenyl phenyl ether	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
4-Chloro-3-methylphenol	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
4-Chloroaniline	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM

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Date: *23-Jul-15*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	EP-1
Lab Order:	1507125	**Collection Date:**	7/16/2015 12:05:00 PM
Project:	OER-Track 1; 102-14 Liberty Ave., Queens, NY	**Matrix:**	SOIL
Lab ID:	1507125-001B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
4-Chlorophenyl phenyl ether	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
4-Nitroaniline	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
4-Nitrophenol	ND	52.1	520	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
Acenaphthene	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
Acenaphthylene	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
Acetophenone	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
Aniline	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
Anthracene	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
Atrazine	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
Azobenzene	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
Benzaldehyde	ND	52.1	520	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
Benzidine	ND	52.1	520	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
Benzo(a)anthracene	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
Benzo(a)pyrene	ND	26.0	160	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
Benzo(b)fluoranthene	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
Benzo(g,h,i)perylene	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
Benzo(k)fluoranthene	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
Benzoic acid	ND	52.1	520	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
Benzyl alcohol	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
Bis(2-chloroethoxy)methane	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
Bis(2-chloroethyl)ether	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
Bis(2-chloroisopropyl)ether	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
Bis(2-ethylhexyl)phthalate	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
Butyl benzyl phthalate	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
Caprolactam	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
Carbazole	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
Chrysene	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
Di-n-butyl phthalate	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
Di-n-octyl phthalate	ND	52.1	520	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
Dibenzo(a,h)anthracene	ND	26.0	160	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
Dibenzofuran	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
Diethyl phthalate	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
Dimethyl phthalate	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM

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American Analytical Laboratories, LLC.

Date: *23-Jul-15*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	EP-1
Lab Order:	1507125	**Collection Date:**	7/16/2015 12:05:00 PM
Project:	OER-Track 1; 102-14 Liberty Ave., Queens, NY	**Matrix:**	SOIL
Lab ID:	1507125-001B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Fluoranthene	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
Fluorene	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
Hexachlorobenzene	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
Hexachlorobutadiene	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
Hexachlorocyclopentadiene	ND	52.1	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
Hexachloroethane	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
Indeno(1,2,3-c,d)pyrene	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
Isophorone	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
N-Nitrosodi-n-propylamine	ND	26.0	160	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
N-Nitrosodimethylamine	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
N-Nitrosodiphenylamine	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
Naphthalene	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
Nitrobenzene	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
Parathion	ND	52.1	520	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
Pentachlorophenol	ND	52.1	520	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
Phenanthrene	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
Phenol	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
Pyrene	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
Pyridine	ND	26.0	260	U	µg/Kg-dry	1	7/22/2015 7:30:00 PM
Surr: 2,4,6-Tribromophenol	73.0	0	13-137		%REC	1	7/22/2015 7:30:00 PM
Surr: 2-Fluorobiphenyl	82.2	0	15-128		%REC	1	7/22/2015 7:30:00 PM
Surr: 2-Fluorophenol	82.8	0	18-120		%REC	1	7/22/2015 7:30:00 PM
Surr: 4-Terphenyl-d14	82.0	0	10-138		%REC	1	7/22/2015 7:30:00 PM
Surr: Nitrobenzene-d5	78.9	0	10-128		%REC	1	7/22/2015 7:30:00 PM
Surr: Phenol-d6	75.7	0	10-122		%REC	1	7/22/2015 7:30:00 PM

American Analytical Laboratories, LLC.

Date: *23-Jul-15*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	EP-2
Lab Order:	1507125	**Collection Date:**	7/16/2015 12:15:00 PM
Project:	OER-Track 1; 102-14 Liberty Ave., Queens, NY	**Matrix:**	SOIL
Lab ID:	1507125-002A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**		**SW5035A**		Analyst: **LA**
1,1,1,2-Tetrachloroethane	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
1,1,1-Trichloroethane	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
1,1,2,2-Tetrachloroethane	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
1,1,2-Trichloroethane	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
1,1-Dichloroethane	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
1,1-Dichloroethene	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
1,1-Dichloropropene	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
1,2,3-Trichlorobenzene	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
1,2,3-Trichloropropane	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
1,2,4,5-Tetramethylbenzene	ND	1.02	5.1	U*	µg/Kg-dry	1	7/17/2015 2:18:00 PM
1,2,4-Trichlorobenzene	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
1,2,4-Trimethylbenzene	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
1,2-Dibromo-3-chloropropane	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
1,2-Dibromoethane	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
1,2-Dichlorobenzene	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
1,2-Dichloroethane	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
1,2-Dichloropropane	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
1,3,5-Trimethylbenzene	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
1,3-Dichlorobenzene	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
1,3-dichloropropane	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
1,4-Dichlorobenzene	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
1,4-Dioxane	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
2,2-Dichloropropane	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
2-Butanone	ND	5.08	10	U*	µg/Kg-dry	1	7/17/2015 2:18:00 PM
2-Chloroethyl vinyl ether	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
2-Chlorotoluene	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
2-Hexanone	ND	5.08	10	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
2-Propanol	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
4-Chlorotoluene	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
4-Isopropyltoluene	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
4-Methyl-2-pentanone	ND	5.08	10	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
Acetone	ND	5.08	10	U*	µg/Kg-dry	1	7/17/2015 2:18:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, New York, Zip - 11735
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American Analytical Laboratories, LLC.

Date: *23-Jul-15*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	EP-2
Lab Order:	1507125	**Collection Date:**	7/16/2015 12:15:00 PM
Project:	OER-Track 1; 102-14 Liberty Ave., Queens, NY	**Matrix:**	SOIL
Lab ID:	1507125-002A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**		**SW5035A**		Analyst: **LA**
Benzene	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
Bromobenzene	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
Bromochloromethane	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
Bromodichloromethane	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
Bromoform	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
Bromomethane	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
Carbon disulfide	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
Carbon tetrachloride	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
Chlorobenzene	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
Chlorodifluoromethane	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
Chloroethane	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
Chloroform	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
Chloromethane	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
cis-1,2-Dichloroethene	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
cis-1,3-Dichloropropene	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
Cyclohexane	ND	2.03	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
Dibromochloromethane	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
Dibromomethane	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
Dichlorodifluoromethane	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
Diisopropyl ether	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
Ethanol	ND	10.2	20	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
Ethylbenzene	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
Freon-114	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
Hexachlorobutadiene	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
Isopropylbenzene	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
m,p-Xylene	ND	2.03	10	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
Methyl Acetate	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
Methyl tert-butyl ether	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
Methylene chloride	5.8	5.08	10	J*	µg/Kg-dry	1	7/17/2015 2:18:00 PM
n-Butylbenzene	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
n-Propylbenzene	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
Naphthalene	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
o-Xylene	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM

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American Analytical Laboratories, LLC.

Date: *23-Jul-15*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	EP-2
Lab Order:	1507125	**Collection Date:**	7/16/2015 12:15:00 PM
Project:	OER-Track 1; 102-14 Liberty Ave., Queens, NY	**Matrix:**	SOIL
Lab ID:	1507125-002A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**		**SW5035A**		Analyst: **LA**
p-Diethylbenzene	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
p-Ethyltoluene	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
sec-Butylbenzene	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
Styrene	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
t-Butyl alcohol	ND	2.54	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
tert-Butylbenzene	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
Tetrachloroethene	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
Toluene	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
trans-1,2-Dichloroethene	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
trans-1,3-Dichloropropene	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
Trichloroethene	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
Trichlorofluoromethane	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
Vinyl acetate	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
Vinyl chloride	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
Acrolein	ND	12.7	25	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
Acrylonitrile	ND	1.02	5.1	U	µg/Kg-dry	1	7/17/2015 2:18:00 PM
Surr: 4-Bromofluorobenzene	93.1	0	50-139		%REC	1	7/17/2015 2:18:00 PM
Surr: Dibromofluoromethane	123	0	50-138		%REC	1	7/17/2015 2:18:00 PM
Surr: Toluene-d8	106	0	71-120		%REC	1	7/17/2015 2:18:00 PM

American Analytical Laboratories, LLC.

Date: *23-Jul-15*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	EP-2
Lab Order:	1507125	**Collection Date:**	7/16/2015 12:15:00 PM
Project:	OER-Track 1; 102-14 Liberty Ave., Queens, NY	**Matrix:**	SOIL
Lab ID:	1507125-002B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
MERCURY			**SW7471B**		**SW7471B**		Analyst: **JP**
Mercury	ND	0.008	0.0122	U	mg/Kg-dry	1	7/21/2015 10:37:38 AM
PCB'S AS AROCLORS SW-846 METHOD 8082			**SW8082A**		**SW3546**		Analyst: **SB**
Aroclor 1016	ND	10.3	21	U	µg/Kg-dry	1	7/22/2015 12:58:00 AM
Aroclor 1221	ND	10.3	21	U	µg/Kg-dry	1	7/22/2015 12:58:00 AM
Aroclor 1232	ND	10.3	21	U	µg/Kg-dry	1	7/22/2015 12:58:00 AM
Aroclor 1242	ND	10.3	21	U	µg/Kg-dry	1	7/22/2015 12:58:00 AM
Aroclor 1248	ND	10.3	21	U	µg/Kg-dry	1	7/22/2015 12:58:00 AM
Aroclor 1254	ND	10.3	21	U	µg/Kg-dry	1	7/22/2015 12:58:00 AM
Aroclor 1260	ND	10.3	21	U	µg/Kg-dry	1	7/22/2015 12:58:00 AM
Aroclor 1262	ND	10.3	21	U	µg/Kg-dry	1	7/22/2015 12:58:00 AM
Aroclor 1268	ND	10.3	21	U	µg/Kg-dry	1	7/22/2015 12:58:00 AM
Surr: DCB	92.5	0	18-143		%REC	1	7/22/2015 12:58:00 AM
Surr: DCB	87.8	0	18-143		%REC	1	7/22/2015 12:58:00 AM
Surr: TCX	84.4	0	18-146		%REC	1	7/22/2015 12:58:00 AM
Surr: TCX	107	0	18-146		%REC	1	7/22/2015 12:58:00 AM
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
4,4´-DDD	ND	1.03	2.6	U	µg/Kg-dry	1	7/18/2015 12:40:00 AM
4,4´-DDE	ND	1.03	2.6	U	µg/Kg-dry	1	7/18/2015 12:40:00 AM
4,4´-DDT	ND	1.03	2.6	U	µg/Kg-dry	1	7/18/2015 12:40:00 AM
Aldrin	ND	1.03	2.6	U	µg/Kg-dry	1	7/18/2015 12:40:00 AM
alpha-BHC	ND	1.03	2.6	U	µg/Kg-dry	1	7/18/2015 12:40:00 AM
alpha-Chlordane	ND	6.18	10	U	µg/Kg-dry	1	7/18/2015 12:40:00 AM
beta-BHC	ND	1.03	2.6	U	µg/Kg-dry	1	7/18/2015 12:40:00 AM
Chlorobenzilate	ND	1.03	2.6	U	µg/Kg-dry	1	7/18/2015 12:40:00 AM
DBCP	ND	1.03	2.6	U	µg/Kg-dry	1	7/18/2015 12:40:00 AM
delta-BHC	ND	1.03	2.6	U	µg/Kg-dry	1	7/18/2015 12:40:00 AM
Dieldrin	ND	1.03	2.6	U	µg/Kg-dry	1	7/18/2015 12:40:00 AM
Endosulfan I	ND	1.03	2.6	U	µg/Kg-dry	1	7/18/2015 12:40:00 AM
Endosulfan II	ND	1.03	2.6	U	µg/Kg-dry	1	7/18/2015 12:40:00 AM
Endosulfan sulfate	ND	1.03	2.6	U	µg/Kg-dry	1	7/18/2015 12:40:00 AM
Endrin	ND	1.03	2.6	U	µg/Kg-dry	1	7/18/2015 12:40:00 AM
Endrin aldehyde	ND	1.03	2.6	U	µg/Kg-dry	1	7/18/2015 12:40:00 AM

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American Analytical Laboratories, LLC.

Date: *23-Jul-15*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	EP-2
Lab Order:	1507125	**Collection Date:**	7/16/2015 12:15:00 PM
Project:	OER-Track 1; 102-14 Liberty Ave., Queens, NY	**Matrix:**	SOIL
Lab ID:	1507125-002B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
Endrin ketone	ND	1.03	2.6	U	µg/Kg-dry	1	7/18/2015 12:40:00 AM
gamma-BHC	ND	1.03	2.6	U	µg/Kg-dry	1	7/18/2015 12:40:00 AM
gamma-Chlordane	ND	6.18	10	U	µg/Kg-dry	1	7/18/2015 12:40:00 AM
Heptachlor	ND	2.06	3.1	U	µg/Kg-dry	1	7/18/2015 12:40:00 AM
Heptachlor epoxide	ND	1.03	2.6	U	µg/Kg-dry	1	7/18/2015 12:40:00 AM
Hexachlorobenzene	ND	1.03	2.6	U	µg/Kg-dry	1	7/18/2015 12:40:00 AM
Hexachlorocyclopentadiene	ND	3.09	3.1	U	µg/Kg-dry	1	7/18/2015 12:40:00 AM
Methoxychlor	ND	1.03	2.6	U	µg/Kg-dry	1	7/18/2015 12:40:00 AM
Toxaphene	ND	12.9	26	U	µg/Kg-dry	1	7/18/2015 12:40:00 AM
Surr: DCB	99.0	0	16-148		%REC	1	7/18/2015 12:40:00 AM
Surr: DCB	97.2	0	16-148		%REC	1	7/18/2015 12:40:00 AM
Surr: TCX	51.6	0	19-145		%REC	1	7/18/2015 12:40:00 AM
Surr: TCX	53.5	0	19-145		%REC	1	7/18/2015 12:40:00 AM
PERCENT MOISTURE			**D2216**				Analyst: **KK**
Percent Moisture	3.40	0	1.00		wt%	1	7/17/2015 4:58:41 PM
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Aluminum	2030	0.10	0.409		mg/Kg-dry	1	7/20/2015 3:09:26 PM
Antimony	ND	0.20	0.511	U	mg/Kg-dry	1	7/20/2015 3:09:26 PM
Arsenic	0.950	0.20	0.511		mg/Kg-dry	1	7/20/2015 3:09:26 PM
Barium	17.4	0.20	0.409		mg/Kg-dry	1	7/20/2015 3:09:26 PM
Beryllium	ND	0.10	0.409	U	mg/Kg-dry	1	7/20/2015 3:09:26 PM
Cadmium	ND	0.10	0.409	U	mg/Kg-dry	1	7/20/2015 3:09:26 PM
Calcium	365	0.20	0.511		mg/Kg-dry	1	7/20/2015 3:09:26 PM
Chromium	7.22	0.10	0.409		mg/Kg-dry	1	7/20/2015 3:09:26 PM
Cobalt	ND	0.10	0.409	U	mg/Kg-dry	1	7/20/2015 3:09:26 PM
Copper	5.46	0.10	0.409		mg/Kg-dry	1	7/20/2015 3:09:26 PM
Iron	12200	2.05	4.09	D	mg/Kg-dry	10	7/20/2015 3:17:34 PM
Lead	4.78	0.20	0.409		mg/Kg-dry	1	7/20/2015 3:09:26 PM
Magnesium	728	0.10	0.409		mg/Kg-dry	1	7/20/2015 3:09:26 PM
Manganese	220	0.10	0.409		mg/Kg-dry	1	7/20/2015 3:09:26 PM
Nickel	6.16	0.10	0.409		mg/Kg-dry	1	7/20/2015 3:09:26 PM
Potassium	326	0.20	0.511		mg/Kg-dry	1	7/20/2015 3:09:26 PM

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American Analytical Laboratories, LLC.

Date: *23-Jul-15*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	EP-2
Lab Order:	1507125	**Collection Date:**	7/16/2015 12:15:00 PM
Project:	OER-Track 1; 102-14 Liberty Ave., Queens, NY	**Matrix:**	SOIL
Lab ID:	1507125-002B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Selenium	ND	0.20	0.511	U	mg/Kg-dry	1	7/20/2015 3:09:26 PM
Silver	ND	0.10	0.409	U	mg/Kg-dry	1	7/20/2015 3:09:26 PM
Sodium	22.9	0.20	0.511		mg/Kg-dry	1	7/20/2015 3:09:26 PM
Thallium	ND	0.31	0.511	U	mg/Kg-dry	1	7/20/2015 3:09:26 PM
Vanadium	9.95	0.10	0.409		mg/Kg-dry	1	7/20/2015 3:09:26 PM
Zinc	13.1	0.10	0.409		mg/Kg-dry	1	7/20/2015 3:09:26 PM
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Biphenyl	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
1,2,4-Trichlorobenzene	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
1,2-Dichlorobenzene	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
1,3-Dichlorobenzene	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
1,4-Dichlorobenzene	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
2,4,5-Trichlorophenol	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
2,4,6-Trichlorophenol	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
2,4-Dichlorophenol	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
2,4-Dimethylphenol	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
2,4-Dinitrophenol	ND	51.8	520	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
2,4-Dinitrotoluene	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
2,6-Dinitrotoluene	ND	51.8	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
2-Chloronaphthalene	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
2-Chlorophenol	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
2-Methylnaphthalene	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
2-Methylphenol	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
2-Nitroaniline	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
2-Nitrophenol	ND	51.8	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
3+4-Methylphenol	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
3,3´-Dichlorobenzidine	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
3-Nitroaniline	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
4,6-Dinitro-2-methylphenol	ND	51.8	520	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
4-Bromophenyl phenyl ether	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
4-Chloro-3-methylphenol	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
4-Chloroaniline	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM

American Analytical Laboratories, LLC.

Date: *23-Jul-15*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	EP-2
Lab Order:	1507125	**Collection Date:**	7/16/2015 12:15:00 PM
Project:	OER-Track 1; 102-14 Liberty Ave., Queens, NY	**Matrix:**	SOIL
Lab ID:	1507125-002B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
4-Chlorophenyl phenyl ether	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
4-Nitroaniline	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
4-Nitrophenol	ND	51.8	520	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
Acenaphthene	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
Acenaphthylene	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
Acetophenone	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
Aniline	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
Anthracene	ND	25.9	260	Um	µg/Kg-dry	1	7/22/2015 7:54:00 PM
Atrazine	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
Azobenzene	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
Benzaldehyde	ND	51.8	520	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
Benzidine	ND	51.8	520	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
Benzo(a)anthracene	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
Benzo(a)pyrene	ND	25.9	160	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
Benzo(b)fluoranthene	ND	25.9	260	Um	µg/Kg-dry	1	7/22/2015 7:54:00 PM
Benzo(g,h,i)perylene	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
Benzo(k)fluoranthene	ND	25.9	260	Um	µg/Kg-dry	1	7/22/2015 7:54:00 PM
Benzoic acid	ND	51.8	520	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
Benzyl alcohol	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
Bis(2-chloroethoxy)methane	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
Bis(2-chloroethyl)ether	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
Bis(2-chloroisopropyl)ether	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
Bis(2-ethylhexyl)phthalate	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
Butyl benzyl phthalate	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
Caprolactam	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
Carbazole	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
Chrysene	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
Di-n-butyl phthalate	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
Di-n-octyl phthalate	ND	51.8	520	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
Dibenzo(a,h)anthracene	ND	25.9	160	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
Dibenzofuran	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
Diethyl phthalate	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
Dimethyl phthalate	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM

American Analytical Laboratories, LLC.

Date: *23-Jul-15*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	EP-2
Lab Order:	1507125	**Collection Date:**	7/16/2015 12:15:00 PM
Project:	OER-Track 1; 102-14 Liberty Ave., Queens, NY	**Matrix:**	SOIL
Lab ID:	1507125-002B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Fluoranthene	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
Fluorene	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
Hexachlorobenzene	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
Hexachlorobutadiene	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
Hexachlorocyclopentadiene	ND	51.8	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
Hexachloroethane	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
Indeno(1,2,3-c,d)pyrene	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
Isophorone	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
N-Nitrosodi-n-propylamine	ND	25.9	160	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
N-Nitrosodimethylamine	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
N-Nitrosodiphenylamine	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
Naphthalene	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
Nitrobenzene	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
Parathion	ND	51.8	520	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
Pentachlorophenol	ND	51.8	520	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
Phenanthrene	ND	25.9	260	Um	µg/Kg-dry	1	7/22/2015 7:54:00 PM
Phenol	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
Pyrene	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
Pyridine	ND	25.9	260	U	µg/Kg-dry	1	7/22/2015 7:54:00 PM
Surr: 2,4,6-Tribromophenol	65.0	0	13-137		%REC	1	7/22/2015 7:54:00 PM
Surr: 2-Fluorobiphenyl	69.6	0	15-128		%REC	1	7/22/2015 7:54:00 PM
Surr: 2-Fluorophenol	74.5	0	18-120		%REC	1	7/22/2015 7:54:00 PM
Surr: 4-Terphenyl-d14	69.6	0	10-138		%REC	1	7/22/2015 7:54:00 PM
Surr: Nitrobenzene-d5	67.4	0	10-128		%REC	1	7/22/2015 7:54:00 PM
Surr: Phenol-d6	67.0	0	10-122		%REC	1	7/22/2015 7:54:00 PM

American Analytical Laboratories, LLC.

Date: *23-Jul-15*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	EP-3
Lab Order:	1507125	**Collection Date:**	7/16/2015 12:20:00 PM
Project:	OER-Track 1; 102-14 Liberty Ave., Queens, NY	**Matrix:**	SOIL
Lab ID:	1507125-003A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**		**SW5035A**		Analyst: **LA**
1,1,1,2-Tetrachloroethane	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
1,1,1-Trichloroethane	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
1,1,2,2-Tetrachloroethane	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
1,1,2-Trichloroethane	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
1,1-Dichloroethane	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
1,1-Dichloroethene	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
1,1-Dichloropropene	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
1,2,3-Trichlorobenzene	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
1,2,3-Trichloropropane	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
1,2,4,5-Tetramethylbenzene	ND	1.04	5.2	U*	µg/Kg-dry	1	7/17/2015 2:46:00 PM
1,2,4-Trichlorobenzene	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
1,2,4-Trimethylbenzene	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
1,2-Dibromo-3-chloropropane	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
1,2-Dibromoethane	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
1,2-Dichlorobenzene	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
1,2-Dichloroethane	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
1,2-Dichloropropane	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
1,3,5-Trimethylbenzene	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
1,3-Dichlorobenzene	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
1,3-dichloropropane	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
1,4-Dichlorobenzene	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
1,4-Dioxane	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
2,2-Dichloropropane	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
2-Butanone	ND	5.19	10	U*	µg/Kg-dry	1	7/17/2015 2:46:00 PM
2-Chloroethyl vinyl ether	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
2-Chlorotoluene	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
2-Hexanone	ND	5.19	10	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
2-Propanol	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
4-Chlorotoluene	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
4-Isopropyltoluene	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
4-Methyl-2-pentanone	ND	5.19	10	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
Acetone	ND	5.19	10	U*	µg/Kg-dry	1	7/17/2015 2:46:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, New York, Zip - 11735
Tel - (631) 454-6100 Fax - (631) 454-8027 www.american-analytical.com

American Analytical Laboratories, LLC.

Date: *23-Jul-15*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	EP-3
Lab Order:	1507125	**Collection Date:**	7/16/2015 12:20:00 PM
Project:	OER-Track 1; 102-14 Liberty Ave., Queens, NY	**Matrix:**	SOIL
Lab ID:	1507125-003A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**		**SW5035A**		Analyst: **LA**
Benzene	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
Bromobenzene	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
Bromochloromethane	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
Bromodichloromethane	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
Bromoform	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
Bromomethane	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
Carbon disulfide	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
Carbon tetrachloride	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
Chlorobenzene	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
Chlorodifluoromethane	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
Chloroethane	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
Chloroform	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
Chloromethane	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
cis-1,2-Dichloroethene	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
cis-1,3-Dichloropropene	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
Cyclohexane	ND	2.07	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
Dibromochloromethane	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
Dibromomethane	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
Dichlorodifluoromethane	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
Diisopropyl ether	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
Ethanol	ND	10.4	21	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
Ethylbenzene	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
Freon-114	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
Hexachlorobutadiene	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
Isopropylbenzene	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
m,p-Xylene	ND	2.07	10	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
Methyl Acetate	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
Methyl tert-butyl ether	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
Methylene chloride	5.8	5.19	10	J*	µg/Kg-dry	1	7/17/2015 2:46:00 PM
n-Butylbenzene	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
n-Propylbenzene	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
Naphthalene	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
o-Xylene	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM

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Tel - (631) 454-6100 Fax - (631) 454-8027 www.american-analytical.com

American Analytical Laboratories, LLC.

Date: *23-Jul-15*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	EP-3
Lab Order:	1507125	**Collection Date:**	7/16/2015 12:20:00 PM
Project:	OER-Track 1; 102-14 Liberty Ave., Queens, NY	**Matrix:**	SOIL
Lab ID:	1507125-003A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**		**SW5035A**		Analyst: **LA**
p-Diethylbenzene	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
p-Ethyltoluene	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
sec-Butylbenzene	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
Styrene	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
t-Butyl alcohol	ND	2.59	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
tert-Butylbenzene	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
Tetrachloroethene	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
Toluene	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
trans-1,2-Dichloroethene	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
trans-1,3-Dichloropropene	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
Trichloroethene	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
Trichlorofluoromethane	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
Vinyl acetate	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
Vinyl chloride	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
Acrolein	ND	13	26	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
Acrylonitrile	ND	1.04	5.2	U	µg/Kg-dry	1	7/17/2015 2:46:00 PM
Surr: 4-Bromofluorobenzene	89.8	0	50-139		%REC	1	7/17/2015 2:46:00 PM
Surr: Dibromofluoromethane	123	0	50-138		%REC	1	7/17/2015 2:46:00 PM
Surr: Toluene-d8	105	0	71-120		%REC	1	7/17/2015 2:46:00 PM

American Analytical Laboratories, LLC.

Date: *23-Jul-15*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	EP-3
Lab Order:	1507125	**Collection Date:**	7/16/2015 12:20:00 PM
Project:	OER-Track 1; 102-14 Liberty Ave., Queens, NY	**Matrix:**	SOIL
Lab ID:	1507125-003B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
MERCURY			**SW7471B**		**SW7471B**		Analyst: **JP**
Mercury	ND	0.008	0.0114	U	mg/Kg-dry	1	7/21/2015 10:39:48 AM
PCB'S AS AROCLORS SW-846 METHOD 8082			**SW8082A**		**SW3546**		Analyst: **SB**
Aroclor 1016	ND	10.4	21	U	µg/Kg-dry	1	7/22/2015 1:22:00 AM
Aroclor 1221	ND	10.4	21	U	µg/Kg-dry	1	7/22/2015 1:22:00 AM
Aroclor 1232	ND	10.4	21	U	µg/Kg-dry	1	7/22/2015 1:22:00 AM
Aroclor 1242	ND	10.4	21	U	µg/Kg-dry	1	7/22/2015 1:22:00 AM
Aroclor 1248	ND	10.4	21	U	µg/Kg-dry	1	7/22/2015 1:22:00 AM
Aroclor 1254	ND	10.4	21	U	µg/Kg-dry	1	7/22/2015 1:22:00 AM
Aroclor 1260	ND	10.4	21	U	µg/Kg-dry	1	7/22/2015 1:22:00 AM
Aroclor 1262	ND	10.4	21	U	µg/Kg-dry	1	7/22/2015 1:22:00 AM
Aroclor 1268	ND	10.4	21	U	µg/Kg-dry	1	7/22/2015 1:22:00 AM
Surr: DCB	79.3	0	18-143		%REC	1	7/22/2015 1:22:00 AM
Surr: DCB	75.1	0	18-143		%REC	1	7/22/2015 1:22:00 AM
Surr: TCX	75.5	0	18-146		%REC	1	7/22/2015 1:22:00 AM
Surr: TCX	95.6	0	18-146		%REC	1	7/22/2015 1:22:00 AM
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
4,4´-DDD	ND	1.04	2.6	U	µg/Kg-dry	1	7/18/2015 12:54:00 AM
4,4´-DDE	ND	1.04	2.6	U	µg/Kg-dry	1	7/18/2015 12:54:00 AM
4,4´-DDT	ND	1.04	2.6	U	µg/Kg-dry	1	7/18/2015 12:54:00 AM
Aldrin	ND	1.04	2.6	U	µg/Kg-dry	1	7/18/2015 12:54:00 AM
alpha-BHC	ND	1.04	2.6	U	µg/Kg-dry	1	7/18/2015 12:54:00 AM
alpha-Chlordane	ND	6.23	10	U	µg/Kg-dry	1	7/18/2015 12:54:00 AM
beta-BHC	ND	1.04	2.6	U	µg/Kg-dry	1	7/18/2015 12:54:00 AM
Chlorobenzilate	ND	1.04	2.6	U	µg/Kg-dry	1	7/18/2015 12:54:00 AM
DBCP	ND	1.04	2.6	U	µg/Kg-dry	1	7/18/2015 12:54:00 AM
delta-BHC	ND	1.04	2.6	U	µg/Kg-dry	1	7/18/2015 12:54:00 AM
Dieldrin	ND	1.04	2.6	U	µg/Kg-dry	1	7/18/2015 12:54:00 AM
Endosulfan I	ND	1.04	2.6	U	µg/Kg-dry	1	7/18/2015 12:54:00 AM
Endosulfan II	ND	1.04	2.6	U	µg/Kg-dry	1	7/18/2015 12:54:00 AM
Endosulfan sulfate	ND	1.04	2.6	U	µg/Kg-dry	1	7/18/2015 12:54:00 AM
Endrin	ND	1.04	2.6	U	µg/Kg-dry	1	7/18/2015 12:54:00 AM
Endrin aldehyde	ND	1.04	2.6	U	µg/Kg-dry	1	7/18/2015 12:54:00 AM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, New York, Zip - 11735
Tel - (631) 454-6100 Fax - (631) 454-8027 www.american-analytical.com

American Analytical Laboratories, LLC.

Date: *23-Jul-15*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	EP-3
Lab Order:	1507125	**Collection Date:**	7/16/2015 12:20:00 PM
Project:	OER-Track 1; 102-14 Liberty Ave., Queens, NY	**Matrix:**	SOIL
Lab ID:	1507125-003B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
Endrin ketone	ND	1.04	2.6	U	µg/Kg-dry	1	7/18/2015 12:54:00 AM
gamma-BHC	ND	1.04	2.6	U	µg/Kg-dry	1	7/18/2015 12:54:00 AM
gamma-Chlordane	ND	6.23	10	U	µg/Kg-dry	1	7/18/2015 12:54:00 AM
Heptachlor	ND	2.08	3.1	U	µg/Kg-dry	1	7/18/2015 12:54:00 AM
Heptachlor epoxide	ND	1.04	2.6	U	µg/Kg-dry	1	7/18/2015 12:54:00 AM
Hexachlorobenzene	ND	1.04	2.6	U	µg/Kg-dry	1	7/18/2015 12:54:00 AM
Hexachlorocyclopentadiene	ND	3.11	3.1	U	µg/Kg-dry	1	7/18/2015 12:54:00 AM
Methoxychlor	ND	1.04	2.6	U	µg/Kg-dry	1	7/18/2015 12:54:00 AM
Toxaphene	ND	13	26	U	µg/Kg-dry	1	7/18/2015 12:54:00 AM
Surr: DCB	98.2	0	16-148		%REC	1	7/18/2015 12:54:00 AM
Surr: DCB	95.3	0	16-148		%REC	1	7/18/2015 12:54:00 AM
Surr: TCX	53.3	0	19-145		%REC	1	7/18/2015 12:54:00 AM
Surr: TCX	54.1	0	19-145		%REC	1	7/18/2015 12:54:00 AM
PERCENT MOISTURE			**D2216**				Analyst: **KK**
Percent Moisture	5.13	0	1.00		wt%	1	7/17/2015 4:58:41 PM
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Aluminum	2210	0.10	0.412		mg/Kg-dry	1	7/20/2015 3:11:28 PM
Antimony	ND	0.21	0.515	U	mg/Kg-dry	1	7/20/2015 3:11:28 PM
Arsenic	1.17	0.21	0.515		mg/Kg-dry	1	7/20/2015 3:11:28 PM
Barium	16.4	0.21	0.412		mg/Kg-dry	1	7/20/2015 3:11:28 PM
Beryllium	ND	0.10	0.412	U	mg/Kg-dry	1	7/20/2015 3:11:28 PM
Cadmium	ND	0.10	0.412	U	mg/Kg-dry	1	7/20/2015 3:11:28 PM
Calcium	543	0.21	0.515		mg/Kg-dry	1	7/20/2015 3:11:28 PM
Chromium	8.80	0.10	0.412		mg/Kg-dry	1	7/20/2015 3:11:28 PM
Cobalt	ND	0.10	0.412	U	mg/Kg-dry	1	7/20/2015 3:11:28 PM
Copper	7.65	0.10	0.412		mg/Kg-dry	1	7/20/2015 3:11:28 PM
Iron	13400	2.06	4.12	D	mg/Kg-dry	10	7/20/2015 3:19:35 PM
Lead	5.05	0.21	0.412		mg/Kg-dry	1	7/20/2015 3:11:28 PM
Magnesium	785	0.10	0.412		mg/Kg-dry	1	7/20/2015 3:11:28 PM
Manganese	233	0.10	0.412		mg/Kg-dry	1	7/20/2015 3:11:28 PM
Nickel	7.37	0.10	0.412		mg/Kg-dry	1	7/20/2015 3:11:28 PM
Potassium	340	0.21	0.515		mg/Kg-dry	1	7/20/2015 3:11:28 PM

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American Analytical Laboratories, LLC.

Date: *23-Jul-15*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	EP-3
Lab Order:	1507125	**Collection Date:**	7/16/2015 12:20:00 PM
Project:	OER-Track 1; 102-14 Liberty Ave., Queens, NY	**Matrix:**	SOIL
Lab ID:	1507125-003B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Selenium	ND	0.21	0.515	U	mg/Kg-dry	1	7/20/2015 3:11:28 PM
Silver	ND	0.10	0.412	U	mg/Kg-dry	1	7/20/2015 3:11:28 PM
Sodium	28.3	0.21	0.515		mg/Kg-dry	1	7/20/2015 3:11:28 PM
Thallium	ND	0.31	0.515	U	mg/Kg-dry	1	7/20/2015 3:11:28 PM
Vanadium	12.8	0.10	0.412		mg/Kg-dry	1	7/20/2015 3:11:28 PM
Zinc	16.0	0.10	0.412		mg/Kg-dry	1	7/20/2015 3:11:28 PM
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Biphenyl	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
1,2,4-Trichlorobenzene	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
1,2-Dichlorobenzene	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
1,3-Dichlorobenzene	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
1,4-Dichlorobenzene	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
2,4,5-Trichlorophenol	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
2,4,6-Trichlorophenol	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
2,4-Dichlorophenol	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
2,4-Dimethylphenol	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
2,4-Dinitrophenol	ND	52.7	530	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
2,4-Dinitrotoluene	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
2,6-Dinitrotoluene	ND	52.7	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
2-Chloronaphthalene	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
2-Chlorophenol	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
2-Methylnaphthalene	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
2-Methylphenol	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
2-Nitroaniline	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
2-Nitrophenol	ND	52.7	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
3+4-Methylphenol	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
3,3´-Dichlorobenzidine	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
3-Nitroaniline	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
4,6-Dinitro-2-methylphenol	ND	52.7	530	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
4-Bromophenyl phenyl ether	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
4-Chloro-3-methylphenol	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
4-Chloroaniline	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM

American Analytical Laboratories, LLC.

Date: *23-Jul-15*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	EP-3
Lab Order:	1507125	**Collection Date:**	7/16/2015 12:20:00 PM
Project:	OER-Track 1; 102-14 Liberty Ave., Queens, NY	**Matrix:**	SOIL
Lab ID:	1507125-003B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
4-Chlorophenyl phenyl ether	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
4-Nitroaniline	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
4-Nitrophenol	ND	52.7	530	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
Acenaphthene	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
Acenaphthylene	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
Acetophenone	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
Aniline	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
Anthracene	ND	26.4	260	Um	µg/Kg-dry	1	7/22/2015 8:18:00 PM
Atrazine	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
Azobenzene	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
Benzaldehyde	ND	52.7	530	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
Benzidine	ND	52.7	530	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
Benzo(a)anthracene	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
Benzo(a)pyrene	ND	26.4	160	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
Benzo(b)fluoranthene	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
Benzo(g,h,i)perylene	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
Benzo(k)fluoranthene	ND	26.4	260	Um	µg/Kg-dry	1	7/22/2015 8:18:00 PM
Benzoic acid	ND	52.7	530	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
Benzyl alcohol	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
Bis(2-chloroethoxy)methane	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
Bis(2-chloroethyl)ether	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
Bis(2-chloroisopropyl)ether	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
Bis(2-ethylhexyl)phthalate	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
Butyl benzyl phthalate	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
Caprolactam	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
Carbazole	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
Chrysene	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
Di-n-butyl phthalate	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
Di-n-octyl phthalate	ND	52.7	530	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
Dibenzo(a,h)anthracene	ND	26.4	160	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
Dibenzofuran	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
Diethyl phthalate	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
Dimethyl phthalate	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM

American Analytical Laboratories, LLC.

Date: *23-Jul-15*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	EP-3
Lab Order:	1507125	**Collection Date:**	7/16/2015 12:20:00 PM
Project:	OER-Track 1; 102-14 Liberty Ave., Queens, NY	**Matrix:**	SOIL
Lab ID:	1507125-003B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Fluoranthene	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
Fluorene	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
Hexachlorobenzene	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
Hexachlorobutadiene	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
Hexachlorocyclopentadiene	ND	52.7	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
Hexachloroethane	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
Indeno(1,2,3-c,d)pyrene	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
Isophorone	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
N-Nitrosodi-n-propylamine	ND	26.4	160	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
N-Nitrosodimethylamine	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
N-Nitrosodiphenylamine	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
Naphthalene	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
Nitrobenzene	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
Parathion	ND	52.7	530	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
Pentachlorophenol	ND	52.7	530	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
Phenanthrene	ND	26.4	260	Um	µg/Kg-dry	1	7/22/2015 8:18:00 PM
Phenol	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
Pyrene	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
Pyridine	ND	26.4	260	U	µg/Kg-dry	1	7/22/2015 8:18:00 PM
Surr: 2,4,6-Tribromophenol	72.3	0	13-137		%REC	1	7/22/2015 8:18:00 PM
Surr: 2-Fluorobiphenyl	78.9	0	15-128		%REC	1	7/22/2015 8:18:00 PM
Surr: 2-Fluorophenol	81.7	0	18-120		%REC	1	7/22/2015 8:18:00 PM
Surr: 4-Terphenyl-d14	76.5	0	10-138		%REC	1	7/22/2015 8:18:00 PM
Surr: Nitrobenzene-d5	75.6	0	10-128		%REC	1	7/22/2015 8:18:00 PM
Surr: Phenol-d6	74.7	0	10-122		%REC	1	7/22/2015 8:18:00 PM

American Analytical Laboratories, LLC.

Date: *23-Jul-15*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	EP-4
Lab Order:	1507125	**Collection Date:**	7/16/2015 12:25:00 PM
Project:	OER-Track 1; 102-14 Liberty Ave., Queens, NY	**Matrix:**	SOIL
Lab ID:	1507125-004A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**		**SW5035A**		Analyst: **LA**
1,1,1,2-Tetrachloroethane	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
1,1,1-Trichloroethane	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
1,1,2,2-Tetrachloroethane	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
1,1,2-Trichloroethane	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
1,1-Dichloroethane	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
1,1-Dichloroethene	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
1,1-Dichloropropene	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
1,2,3-Trichlorobenzene	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
1,2,3-Trichloropropane	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
1,2,4,5-Tetramethylbenzene	ND	1	5.0	U*	µg/Kg-dry	1	7/17/2015 3:13:00 PM
1,2,4-Trichlorobenzene	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
1,2,4-Trimethylbenzene	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
1,2-Dibromo-3-chloropropane	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
1,2-Dibromoethane	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
1,2-Dichlorobenzene	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
1,2-Dichloroethane	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
1,2-Dichloropropane	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
1,3,5-Trimethylbenzene	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
1,3-Dichlorobenzene	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
1,3-dichloropropane	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
1,4-Dichlorobenzene	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
1,4-Dioxane	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
2,2-Dichloropropane	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
2-Butanone	ND	4.98	10	U*	µg/Kg-dry	1	7/17/2015 3:13:00 PM
2-Chloroethyl vinyl ether	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
2-Chlorotoluene	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
2-Hexanone	ND	4.98	10	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
2-Propanol	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
4-Chlorotoluene	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
4-Isopropyltoluene	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
4-Methyl-2-pentanone	ND	4.98	10	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
Acetone	ND	4.98	10	U*	µg/Kg-dry	1	7/17/2015 3:13:00 PM

American Analytical Laboratories, LLC.

Date: *23-Jul-15*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	EP-4
Lab Order:	1507125	**Collection Date:**	7/16/2015 12:25:00 PM
Project:	OER-Track 1; 102-14 Liberty Ave., Queens, NY	**Matrix:**	SOIL
Lab ID:	1507125-004A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**		**SW5035A**		Analyst: **LA**
Benzene	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
Bromobenzene	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
Bromochloromethane	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
Bromodichloromethane	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
Bromoform	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
Bromomethane	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
Carbon disulfide	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
Carbon tetrachloride	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
Chlorobenzene	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
Chlorodifluoromethane	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
Chloroethane	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
Chloroform	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
Chloromethane	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
cis-1,2-Dichloroethene	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
cis-1,3-Dichloropropene	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
Cyclohexane	ND	1.99	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
Dibromochloromethane	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
Dibromomethane	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
Dichlorodifluoromethane	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
Diisopropyl ether	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
Ethanol	ND	9.95	20	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
Ethylbenzene	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
Freon-114	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
Hexachlorobutadiene	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
Isopropylbenzene	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
m,p-Xylene	ND	1.99	10	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
Methyl Acetate	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
Methyl tert-butyl ether	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
Methylene chloride	5.2	4.98	10	BJ*	µg/Kg-dry	1	7/17/2015 3:13:00 PM
n-Butylbenzene	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
n-Propylbenzene	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
Naphthalene	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
o-Xylene	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, New York, Zip - 11735
Tel - (631) 454-6100 Fax - (631) 454-8027 www.american-analytical.com

American Analytical Laboratories, LLC.

Date: *23-Jul-15*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	EP-4
Lab Order:	1507125	**Collection Date:**	7/16/2015 12:25:00 PM
Project:	OER-Track 1; 102-14 Liberty Ave., Queens, NY	**Matrix:**	SOIL
Lab ID:	1507125-004A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**		**SW5035A**		Analyst: **LA**
p-Diethylbenzene	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
p-Ethyltoluene	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
sec-Butylbenzene	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
Styrene	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
t-Butyl alcohol	ND	2.49	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
tert-Butylbenzene	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
Tetrachloroethene	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
Toluene	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
trans-1,2-Dichloroethene	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
trans-1,3-Dichloropropene	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
Trichloroethene	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
Trichlorofluoromethane	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
Vinyl acetate	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
Vinyl chloride	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
Acrolein	ND	12.4	25	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
Acrylonitrile	ND	1	5.0	U	µg/Kg-dry	1	7/17/2015 3:13:00 PM
Surr: 4-Bromofluorobenzene	93.0	0	50-139		%REC	1	7/17/2015 3:13:00 PM
Surr: Dibromofluoromethane	124	0	50-138		%REC	1	7/17/2015 3:13:00 PM
Surr: Toluene-d8	106	0	71-120		%REC	1	7/17/2015 3:13:00 PM

American Analytical Laboratories, LLC.

Date: *23-Jul-15*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	EP-4
Lab Order:	1507125	**Collection Date:**	7/16/2015 12:25:00 PM
Project:	OER-Track 1; 102-14 Liberty Ave., Queens, NY	**Matrix:**	SOIL
Lab ID:	1507125-004B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
MERCURY			**SW7471B**		**SW7471B**		Analyst: **JP**
Mercury	ND	0.008	0.0119	U	mg/Kg-dry	1	7/21/2015 10:41:59 AM
PCB'S AS AROCLORS SW-846 METHOD 8082			**SW8082A**		**SW3546**		Analyst: **SB**
Aroclor 1016	ND	10.2	20	U	µg/Kg-dry	1	7/22/2015 1:46:00 AM
Aroclor 1221	ND	10.2	20	U	µg/Kg-dry	1	7/22/2015 1:46:00 AM
Aroclor 1232	ND	10.2	20	U	µg/Kg-dry	1	7/22/2015 1:46:00 AM
Aroclor 1242	ND	10.2	20	U	µg/Kg-dry	1	7/22/2015 1:46:00 AM
Aroclor 1248	ND	10.2	20	U	µg/Kg-dry	1	7/22/2015 1:46:00 AM
Aroclor 1254	ND	10.2	20	U	µg/Kg-dry	1	7/22/2015 1:46:00 AM
Aroclor 1260	ND	10.2	20	U	µg/Kg-dry	1	7/22/2015 1:46:00 AM
Aroclor 1262	ND	10.2	20	U	µg/Kg-dry	1	7/22/2015 1:46:00 AM
Aroclor 1268	ND	10.2	20	U	µg/Kg-dry	1	7/22/2015 1:46:00 AM
Surr: DCB	68.6	0	18-143		%REC	1	7/22/2015 1:46:00 AM
Surr: DCB	63.9	0	18-143		%REC	1	7/22/2015 1:46:00 AM
Surr: TCX	64.5	0	18-146		%REC	1	7/22/2015 1:46:00 AM
Surr: TCX	82.5	0	18-146		%REC	1	7/22/2015 1:46:00 AM
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
4,4´-DDD	ND	1.02	2.6	U	µg/Kg-dry	1	7/18/2015 1:07:00 AM
4,4´-DDE	ND	1.02	2.6	U	µg/Kg-dry	1	7/18/2015 1:07:00 AM
4,4´-DDT	ND	1.02	2.6	U	µg/Kg-dry	1	7/18/2015 1:07:00 AM
Aldrin	ND	1.02	2.6	U	µg/Kg-dry	1	7/18/2015 1:07:00 AM
alpha-BHC	ND	1.02	2.6	U	µg/Kg-dry	1	7/18/2015 1:07:00 AM
alpha-Chlordane	ND	6.13	10	U	µg/Kg-dry	1	7/18/2015 1:07:00 AM
beta-BHC	ND	1.02	2.6	U	µg/Kg-dry	1	7/18/2015 1:07:00 AM
Chlorobenzilate	ND	1.02	2.6	U	µg/Kg-dry	1	7/18/2015 1:07:00 AM
DBCP	ND	1.02	2.6	U	µg/Kg-dry	1	7/18/2015 1:07:00 AM
delta-BHC	ND	1.02	2.6	U	µg/Kg-dry	1	7/18/2015 1:07:00 AM
Dieldrin	ND	1.02	2.6	U	µg/Kg-dry	1	7/18/2015 1:07:00 AM
Endosulfan I	ND	1.02	2.6	U	µg/Kg-dry	1	7/18/2015 1:07:00 AM
Endosulfan II	ND	1.02	2.6	U	µg/Kg-dry	1	7/18/2015 1:07:00 AM
Endosulfan sulfate	ND	1.02	2.6	U	µg/Kg-dry	1	7/18/2015 1:07:00 AM
Endrin	ND	1.02	2.6	U	µg/Kg-dry	1	7/18/2015 1:07:00 AM
Endrin aldehyde	ND	1.02	2.6	U	µg/Kg-dry	1	7/18/2015 1:07:00 AM

American Analytical Laboratories, LLC.

Date: *23-Jul-15*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	EP-4
Lab Order:	1507125	**Collection Date:**	7/16/2015 12:25:00 PM
Project:	OER-Track 1; 102-14 Liberty Ave., Queens, NY	**Matrix:**	SOIL
Lab ID:	1507125-004B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
Endrin ketone	ND	1.02	2.6	U	µg/Kg-dry	1	7/18/2015 1:07:00 AM
gamma-BHC	ND	1.02	2.6	U	µg/Kg-dry	1	7/18/2015 1:07:00 AM
gamma-Chlordane	ND	6.13	10	U	µg/Kg-dry	1	7/18/2015 1:07:00 AM
Heptachlor	ND	2.04	3.1	U	µg/Kg-dry	1	7/18/2015 1:07:00 AM
Heptachlor epoxide	ND	1.02	2.6	U	µg/Kg-dry	1	7/18/2015 1:07:00 AM
Hexachlorobenzene	ND	1.02	2.6	U	µg/Kg-dry	1	7/18/2015 1:07:00 AM
Hexachlorocyclopentadiene	ND	3.06	3.1	U	µg/Kg-dry	1	7/18/2015 1:07:00 AM
Methoxychlor	ND	1.02	2.6	U	µg/Kg-dry	1	7/18/2015 1:07:00 AM
Toxaphene	ND	12.8	26	U	µg/Kg-dry	1	7/18/2015 1:07:00 AM
Surr: DCB	86.7	0	16-148		%REC	1	7/18/2015 1:07:00 AM
Surr: DCB	84.5	0	16-148		%REC	1	7/18/2015 1:07:00 AM
Surr: TCX	40.7	0	19-145		%REC	1	7/18/2015 1:07:00 AM
Surr: TCX	39.7	0	19-145		%REC	1	7/18/2015 1:07:00 AM
PERCENT MOISTURE			**D2216**				Analyst: **KK**
Percent Moisture	3.02	0	1.00		wt%	1	7/17/2015 4:58:41 PM
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Aluminum	2080	0.10	0.404		mg/Kg-dry	1	7/20/2015 3:13:30 PM
Antimony	ND	0.20	0.505	U	mg/Kg-dry	1	7/20/2015 3:13:30 PM
Arsenic	0.997	0.20	0.505		mg/Kg-dry	1	7/20/2015 3:13:30 PM
Barium	17.9	0.20	0.404		mg/Kg-dry	1	7/20/2015 3:13:30 PM
Beryllium	ND	0.10	0.404	U	mg/Kg-dry	1	7/20/2015 3:13:30 PM
Cadmium	ND	0.10	0.404	U	mg/Kg-dry	1	7/20/2015 3:13:30 PM
Calcium	702	0.20	0.505		mg/Kg-dry	1	7/20/2015 3:13:30 PM
Chromium	8.26	0.10	0.404		mg/Kg-dry	1	7/20/2015 3:13:30 PM
Cobalt	ND	0.10	0.404	U	mg/Kg-dry	1	7/20/2015 3:13:30 PM
Copper	7.77	0.10	0.404		mg/Kg-dry	1	7/20/2015 3:13:30 PM
Iron	13200	2.02	4.04	D	mg/Kg-dry	10	7/20/2015 3:21:38 PM
Lead	6.28	0.20	0.404		mg/Kg-dry	1	7/20/2015 3:13:30 PM
Magnesium	770	0.10	0.404		mg/Kg-dry	1	7/20/2015 3:13:30 PM
Manganese	232	0.10	0.404		mg/Kg-dry	1	7/20/2015 3:13:30 PM
Nickel	6.92	0.10	0.404		mg/Kg-dry	1	7/20/2015 3:13:30 PM
Potassium	404	0.20	0.505		mg/Kg-dry	1	7/20/2015 3:13:30 PM

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Tel - (631) 454-6100 Fax - (631) 454-8027 www.american-analytical.com

American Analytical Laboratories, LLC.

Date: *23-Jul-15*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	EP-4
Lab Order:	1507125	**Collection Date:**	7/16/2015 12:25:00 PM
Project:	OER-Track 1; 102-14 Liberty Ave., Queens, NY	**Matrix:**	SOIL
Lab ID:	1507125-004B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Selenium	ND	0.20	0.505	U	mg/Kg-dry	1	7/20/2015 3:13:30 PM
Silver	ND	0.10	0.404	U	mg/Kg-dry	1	7/20/2015 3:13:30 PM
Sodium	82.1	0.20	0.505		mg/Kg-dry	1	7/20/2015 3:13:30 PM
Thallium	ND	0.30	0.505	U	mg/Kg-dry	1	7/20/2015 3:13:30 PM
Vanadium	10.7	0.10	0.404		mg/Kg-dry	1	7/20/2015 3:13:30 PM
Zinc	14.5	0.10	0.404		mg/Kg-dry	1	7/20/2015 3:13:30 PM
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Biphenyl	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
1,2,4-Trichlorobenzene	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
1,2-Dichlorobenzene	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
1,3-Dichlorobenzene	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
1,4-Dichlorobenzene	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
2,4,5-Trichlorophenol	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
2,4,6-Trichlorophenol	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
2,4-Dichlorophenol	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
2,4-Dimethylphenol	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
2,4-Dinitrophenol	ND	51.6	520	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
2,4-Dinitrotoluene	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
2,6-Dinitrotoluene	ND	51.6	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
2-Chloronaphthalene	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
2-Chlorophenol	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
2-Methylnaphthalene	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
2-Methylphenol	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
2-Nitroaniline	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
2-Nitrophenol	ND	51.6	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
3+4-Methylphenol	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
3,3´-Dichlorobenzidine	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
3-Nitroaniline	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
4,6-Dinitro-2-methylphenol	ND	51.6	520	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
4-Bromophenyl phenyl ether	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
4-Chloro-3-methylphenol	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
4-Chloroaniline	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM

American Analytical Laboratories, LLC.

Date: *23-Jul-15*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	EP-4
Lab Order:	1507125	**Collection Date:**	7/16/2015 12:25:00 PM
Project:	OER-Track 1; 102-14 Liberty Ave., Queens, NY	**Matrix:**	SOIL
Lab ID:	1507125-004B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
4-Chlorophenyl phenyl ether	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
4-Nitroaniline	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
4-Nitrophenol	ND	51.6	520	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
Acenaphthene	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
Acenaphthylene	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
Acetophenone	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
Aniline	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
Anthracene	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
Atrazine	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
Azobenzene	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
Benzaldehyde	ND	51.6	520	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
Benzidine	ND	51.6	520	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
Benzo(a)anthracene	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
Benzo(a)pyrene	ND	25.8	150	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
Benzo(b)fluoranthene	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
Benzo(g,h,i)perylene	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
Benzo(k)fluoranthene	ND	25.8	260	Um	µg/Kg-dry	1	7/22/2015 8:42:00 PM
Benzoic acid	ND	51.6	520	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
Benzyl alcohol	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
Bis(2-chloroethoxy)methane	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
Bis(2-chloroethyl)ether	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
Bis(2-chloroisopropyl)ether	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
Bis(2-ethylhexyl)phthalate	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
Butyl benzyl phthalate	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
Caprolactam	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
Carbazole	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
Chrysene	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
Di-n-butyl phthalate	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
Di-n-octyl phthalate	ND	51.6	520	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
Dibenzo(a,h)anthracene	ND	25.8	150	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
Dibenzofuran	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
Diethyl phthalate	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
Dimethyl phthalate	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM

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Tel - (631) 454-6100 Fax - (631) 454-8027 www.american-analytical.com

American Analytical Laboratories, LLC.

Date: *23-Jul-15*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	EP-4
Lab Order:	1507125	**Collection Date:**	7/16/2015 12:25:00 PM
Project:	OER-Track 1; 102-14 Liberty Ave., Queens, NY	**Matrix:**	SOIL
Lab ID:	1507125-004B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Fluoranthene	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
Fluorene	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
Hexachlorobenzene	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
Hexachlorobutadiene	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
Hexachlorocyclopentadiene	ND	51.6	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
Hexachloroethane	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
Indeno(1,2,3-c,d)pyrene	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
Isophorone	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
N-Nitrosodi-n-propylamine	ND	25.8	150	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
N-Nitrosodimethylamine	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
N-Nitrosodiphenylamine	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
Naphthalene	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
Nitrobenzene	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
Parathion	ND	51.6	520	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
Pentachlorophenol	ND	51.6	520	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
Phenanthrene	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
Phenol	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
Pyrene	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
Pyridine	ND	25.8	260	U	µg/Kg-dry	1	7/22/2015 8:42:00 PM
Surr: 2,4,6-Tribromophenol	75.3	0	13-137		%REC	1	7/22/2015 8:42:00 PM
Surr: 2-Fluorobiphenyl	83.0	0	15-128		%REC	1	7/22/2015 8:42:00 PM
Surr: 2-Fluorophenol	85.6	0	18-120		%REC	1	7/22/2015 8:42:00 PM
Surr: 4-Terphenyl-d14	78.5	0	10-138		%REC	1	7/22/2015 8:42:00 PM
Surr: Nitrobenzene-d5	82.4	0	10-128		%REC	1	7/22/2015 8:42:00 PM
Surr: Phenol-d6	77.6	0	10-122		%REC	1	7/22/2015 8:42:00 PM

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QC SUMMARY REPORT

WO#: **1507125**
23-Jul-15

Client: J.R. Holzmacher P.E. LLC
Project: OER-Track 1; 102-14 Liberty Ave., Queens, NY **BatchID:** **5645**

Sample ID **MB-5645** SampType: **MBLK** TestCode: **8082_S** Units: **%REC** Prep Date: **7/17/2015** RunNo: **9703**
Client ID: **PBS** Batch ID: **5645** TestNo: **SW8082A** **SW3546** Analysis Date: **7/21/2015** SeqNo: **180131**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: DCB	23		25.00		90.9	18	143				
Surr: TCX	21		25.00		84.9	18	146				

Sample ID **LCS-5645** SampType: **LCS** TestCode: **8082_S** Units: **%REC** Prep Date: **7/17/2015** RunNo: **9703**
Client ID: **LCSS** Batch ID: **5645** TestNo: **SW8082A** **SW3546** Analysis Date: **7/21/2015** SeqNo: **180132**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: DCB	18		25.00		72.6	18	143				
Surr: TCX	21		25.00		82.8	18	146				

Sample ID **1507125-001BMS** SampType: **MS** TestCode: **8082_S** Units: **%REC** Prep Date: **7/17/2015** RunNo: **9703**
Client ID: **EP-1** Batch ID: **5645** TestNo: **SW8082A** **SW3546** Analysis Date: **7/22/2015** SeqNo: **180317**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: DCB	19		26.10		71.0	18	143				
Surr: TCX	20		26.10		76.6	18	146				

Sample ID **1507125-001BMSD** SampType: **MSD** TestCode: **8082_S** Units: **%REC** Prep Date: **7/17/2015** RunNo: **9703**
Client ID: **EP-1** Batch ID: **5645** TestNo: **SW8082A** **SW3546** Analysis Date: **7/22/2015** SeqNo: **180318**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: DCB	17		25.69		67.2	18	143		0	20	

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1507125**

23-Jul-15

Client: J.R. Holzmacher P.E. LLC

Project: OER-Track 1; 102-14 Liberty Ave., Queens, NY

BatchID: **5645**

Sample ID **1507125-001BMSD** SampType: **MSD** TestCode: **8082_S** Units: **%REC** Prep Date: **7/17/2015** RunNo: **9703**

Client ID: **EP-1** Batch ID: **5645** TestNo: **SW8082A** **SW3546** Analysis Date: **7/22/2015** SeqNo: **180318**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: TCX	17		25.69		67.1	18	146		0	20	

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1507125**

23-Jul-15

Client: J.R. Holzmacher P.E. LLC

Project: OER-Track 1; 102-14 Liberty Ave., Queens, NY

BatchID: **5645**

Sample ID **MB-5645** SampType: **MBLK** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **7/17/2015** RunNo: **9702**

Client ID: **PBS** Batch ID: **5645** TestNo: **SW8082A** **SW3546** Analysis Date: **7/21/2015** SeqNo: **180137**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	20									U
Aroclor 1221	ND	20									U
Aroclor 1232	ND	20									U
Aroclor 1242	ND	20									U
Aroclor 1248	ND	20									U
Aroclor 1254	ND	20									U
Aroclor 1260	ND	20									U
Aroclor 1262	ND	20									U
Aroclor 1268	ND	20									U
Surr: DCB	24		25.00		94.4	18	143				
Surr: TCX	21		25.00		83.5	18	146				

Sample ID **LCS-5645** SampType: **LCS** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **7/17/2015** RunNo: **9702**

Client ID: **LCSS** Batch ID: **5645** TestNo: **SW8082A** **SW3546** Analysis Date: **7/21/2015** SeqNo: **180138**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	20		0	0	23	140				U
Aroclor 1221	ND	20		0	0	30	130				U
Aroclor 1232	ND	20		0	0	30	140				U
Aroclor 1242	230	20	250.0	0	90.2	20	140				
Aroclor 1248	ND	20		0	0	35	135				U
Aroclor 1254	ND	20		0	0	34	145				U
Aroclor 1260	ND	20		0	0	21	135				U
Aroclor 1262	ND	20		0	0	30	130				U
Aroclor 1268	ND	20		0	0	35	135				U

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1507125**
23-Jul-15

Client: J.R. Holzmacher P.E. LLC
Project: OER-Track 1; 102-14 Liberty Ave., Queens, NY **BatchID:** **5645**

Sample ID **LCS-5645** SampType: **LCS** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **7/17/2015** RunNo: **9702**
Client ID: **LCSS** Batch ID: **5645** TestNo: **SW8082A** **SW3546** Analysis Date: **7/21/2015** SeqNo: **180138**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: DCB	19		25.00		76.8	18	143				
Surr: TCX	20		25.00		81.9	18	146				

Sample ID **1507125-001BMS** SampType: **MS** TestCode: **8082_S** Units: **µg/Kg-dry** Prep Date: **7/17/2015** RunNo: **9702**
Client ID: **EP-1** Batch ID: **5645** TestNo: **SW8082A** **SW3546** Analysis Date: **7/22/2015** SeqNo: **180300**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	21		0	0	23	140				U
Aroclor 1221	ND	21		0	0	30	130				U
Aroclor 1232	ND	21		0	0	30	140				U
Aroclor 1242	230	21	261.0	0	89.4	20	140				
Aroclor 1248	ND	21		0	0	35	135				U
Aroclor 1254	ND	21		0	0	34	145				U
Aroclor 1260	ND	21		0	0	21	135				U
Aroclor 1262	ND	21		0	0	30	130				U
Aroclor 1268	ND	21		0	0	35	135				U
Surr: DCB	20		26.10		76.1	18	143				
Surr: TCX	25		26.10		94.4	18	146				

Sample ID **1507125-001BMSD** SampType: **MSD** TestCode: **8082_S** Units: **µg/Kg-dry** Prep Date: **7/17/2015** RunNo: **9702**
Client ID: **EP-1** Batch ID: **5645** TestNo: **SW8082A** **SW3546** Analysis Date: **7/22/2015** SeqNo: **180301**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1507125**

23-Jul-15

Client: J.R. Holzmacher P.E. LLC

Project: OER-Track 1; 102-14 Liberty Ave., Queens, NY

BatchID: **5645**

Sample ID **1507125-001BMSD** SampType: **MSD** TestCode: **8082_S** Units: **µg/Kg-dry** Prep Date: **7/17/2015** RunNo: **9702**

Client ID: **EP-1** Batch ID: **5645** TestNo: **SW8082A** **SW3546** Analysis Date: **7/22/2015** SeqNo: **180301**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	21		0	0	23	140	0	0	20	U
Aroclor 1221	ND	21		0	0	30	130	0	0	20	U
Aroclor 1232	ND	21		0	0	30	140	0	0	20	U
Aroclor 1242	220	21	256.9	0	87.5	20	140	233.3	3.77	20	
Aroclor 1248	ND	21		0	0	35	135	0	0	20	U
Aroclor 1254	ND	21		0	0	34	145	0	0	20	U
Aroclor 1260	ND	21		0	0	21	135	0	0	20	U
Aroclor 1262	ND	21		0	0	30	130	0	0	20	U
Aroclor 1268	ND	21		0	0	35	135	0	0	20	U
Surr: DCB	18		25.69		71.5	18	143		0	20	
Surr: TCX	24		25.69		91.5	18	146		0	20	

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1507125**

23-Jul-15

Client: J.R. Holzmacher P.E. LLC

Project: OER-Track 1; 102-14 Liberty Ave., Queens, NY

BatchID: **5646**

Sample ID **MB-5646** SampType: **MBLK** TestCode: **8081_S** Units: **%REC** Prep Date: **7/17/2015** RunNo: **9662**

Client ID: **PBS** Batch ID: **5646** TestNo: **SW8081B** **SW3546** Analysis Date: **7/17/2015** SeqNo: **178985**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: DCB	18		25.00		72.1	16	148				
Surr: TCX	9.7		25.00		38.8	19	145				

Sample ID **LCS-5646** SampType: **LCS** TestCode: **8081_S** Units: **%REC** Prep Date: **7/17/2015** RunNo: **9662**

Client ID: **LCSS** Batch ID: **5646** TestNo: **SW8081B** **SW3546** Analysis Date: **7/17/2015** SeqNo: **178986**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: DCB	29		25.00		115	16	148				
Surr: TCX	18		25.00		70.2	19	145				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1507125**

23-Jul-15

Client: J.R. Holzmacher P.E. LLC

Project: OER-Track 1; 102-14 Liberty Ave., Queens, NY

BatchID: **5646**

Sample ID **MB-5646** SampType: **MBLK** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **7/17/2015** RunNo: **9661**

Client ID: **PBS** Batch ID: **5646** TestNo: **SW8081B** **SW3546** Analysis Date: **7/17/2015** SeqNo: **178967**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	ND	2.5									U
4,4´-DDE	ND	2.5									U
4,4´-DDT	ND	2.5									U
Aldrin	ND	2.5									U
alpha-BHC	ND	2.5									U
alpha-Chlordane	ND	10									U
beta-BHC	ND	2.5									U
Chlorobenzilate	ND	2.5									U
DBCP	ND	2.5									U
delta-BHC	ND	2.5									U
Dieldrin	ND	2.5									U
Endosulfan I	ND	2.5									U
Endosulfan II	ND	2.5									U
Endosulfan sulfate	ND	2.5									U
Endrin	ND	2.5									U
Endrin aldehyde	ND	2.5									U
Endrin ketone	ND	2.5									U
gamma-BHC	ND	2.5									U
gamma-Chlordane	ND	10									U
Heptachlor	ND	3.0									U
Heptachlor epoxide	ND	2.5									U
Hexachlorobenzene	ND	2.5									U
Hexachlorocyclopentadiene	ND	3.0									U
Methoxychlor	ND	2.5									U
Toxaphene	ND	25									U
Surr: DCB	18		25.00		73.4	16	148				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1507125**

23-Jul-15

Client: J.R. Holzmacher P.E. LLC

Project: OER-Track 1; 102-14 Liberty Ave., Queens, NY

BatchID: **5646**

Sample ID **MB-5646** SampType: **MBLK** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **7/17/2015** RunNo: **9661**

Client ID: **PBS** Batch ID: **5646** TestNo: **SW8081B** **SW3546** Analysis Date: **7/17/2015** SeqNo: **178967**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: TCX	9.3		25.00		37.2	19	145				

Sample ID **LCS-5646** SampType: **LCS** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **7/17/2015** RunNo: **9661**

Client ID: **LCSS** Batch ID: **5646** TestNo: **SW8081B** **SW3546** Analysis Date: **7/17/2015** SeqNo: **178968**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	ND	2.5		0	0	21	153				U
4,4´-DDE	ND	2.5		0	0	31	151				U
4,4´-DDT	ND	2.5		0	0	28	152				U
Aldrin	ND	2.5		0	0	25	156				U
alpha-BHC	ND	2.5		0	0	31	148				U
alpha-Chlordane	ND	10		0	0	34	153				U
beta-BHC	ND	2.5		0	0	32	153				U
Chlorobenzilate	29	2.5	25.00	0	118	23	151				
DBCP	24	2.5	25.00	0	96.5	11	146				
delta-BHC	ND	2.5		0	0	26	156				U
Dieldrin	ND	2.5		0	0	35	151				U
Endosulfan I	ND	2.5		0	0	21	153				U
Endosulfan II	ND	2.5		0	0	27	147				U
Endosulfan sulfate	ND	2.5		0	0	38	152				U
Endrin	ND	2.5		0	0	38	151				U
Endrin aldehyde	ND	2.5		0	0	23	157				U
Endrin ketone	ND	2.5		0	0	34	153				U
gamma-BHC	ND	2.5		0	0	24	152				U
gamma-Chlordane	ND	10		0	0	27	156				U

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1507125**

23-Jul-15

Client: J.R. Holzmacher P.E. LLC

Project: OER-Track 1; 102-14 Liberty Ave., Queens, NY

BatchID: **5646**

Sample ID **LCS-5646** SampType: **LCS** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **7/17/2015** RunNo: **9661**

Client ID: **LCSS** Batch ID: **5646** TestNo: **SW8081B** **SW3546** Analysis Date: **7/17/2015** SeqNo: **178968**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Heptachlor	ND	3.0		0	0	30	155				U
Heptachlor epoxide	ND	2.5		0	0	38	150				U
Hexachlorobenzene	6.7	2.5	25.00	0	26.9	13	151				
Hexachlorocyclopentadiene	25	3.0	25.00	0	98.5	23	148				
Methoxychlor	ND	2.5		0	0	30	149				U
Mirex	21	2.5	20.00	0	105	20	140				
Toxaphene	ND	25		0	0	30	145				U
Chlordane	58	20	50.00	0	117	50	159				
Surr: DCB	29		25.00		118	16	148				
Surr: TCX	16		25.00		63.2	19	145				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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Website: www.American-Analytical.com

QC SUMMARY REPORT

WO#: **1507125**

23-Jul-15

Client: J.R. Holzmacher P.E. LLC

Project: OER-Track 1; 102-14 Liberty Ave., Queens, NY

BatchID: **5650**

Sample ID **LCS-5650** SampType: **LCS** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **7/17/2015** RunNo: **9656**

Client ID: **LCSS** Batch ID: **5650** TestNo: **SW8260C** **SW5035A** Analysis Date: **7/17/2015** SeqNo: **178913**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	44	5.0	50.00	0	87.7	42	139				
1,1,2,2-Tetrachloroethane	42	5.0	50.00	0	83.0	44	138				
1,1,2-Trichloroethane	43	5.0	50.00	0	86.3	43	134				
1,1-Dichloroethane	41	5.0	50.00	0	82.9	41	142				
1,1-Dichloroethene	45	5.0	50.00	0	89.6	33	144				
1,2-Dichlorobenzene	38	5.0	50.00	0	75.2	45	128				
1,2-Dichloroethane	44	5.0	50.00	0	87.0	34	145				
1,2-Dichloropropane	43	5.0	50.00	0	85.4	44	135				
1,3-Dichlorobenzene	37	5.0	50.00	0	74.0	40	135				
1,4-Dichlorobenzene	38	5.0	50.00	0	75.8	42	129				
2-Chloroethyl vinyl ether	40	5.0	50.00	0	79.7	30	146				
Benzene	43	5.0	50.00	0	85.4	46	137				
Bromodichloromethane	44	5.0	50.00	0	87.5	44	133				
Bromoform	43	5.0	50.00	0	85.8	39	147				
Bromomethane	31	5.0	50.00	0	62.9	22	140				
Carbon tetrachloride	44	5.0	50.00	0	88.7	40	144				
Chlorobenzene	40	5.0	50.00	0	79.1	45	131				
Chloroethane	40	5.0	50.00	0	79.4	43	147				
Chloroform	42	5.0	50.00	0	83.1	40	138				
Chloromethane	29	5.0	50.00	0	58.5	32	151				
cis-1,3-Dichloropropene	43	5.0	50.00	0	86.6	44	137				
Dibromochloromethane	44	5.0	50.00	0	88.7	43	139				
Ethylbenzene	42	5.0	50.00	0	83.0	52	138				
Methylene chloride	21	10	50.00	0	41.5	20	120				B*
Tetrachloroethene	32	5.0	50.00	0	64.3	34	123				
Toluene	45	5.0	50.00	0	90.5	48	135				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1507125**

23-Jul-15

Client: J.R. Holzmacher P.E. LLC

Project: OER-Track 1; 102-14 Liberty Ave., Queens, NY **BatchID:** **5650**

Sample ID **LCS-5650** SampType: **LCS** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **7/17/2015** RunNo: **9656**

Client ID: **LCSS** Batch ID: **5650** TestNo: **SW8260C** **SW5035A** Analysis Date: **7/17/2015** SeqNo: **178913**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	43	5.0	50.00	0	86.8	43	137				
trans-1,3-Dichloropropene	44	5.0	50.00	0	88.2	48	135				
Trichloroethene	41	5.0	50.00	0	81.7	44	135				
Trichlorofluoromethane	42	5.0	50.00	0	84.7	52	149				
Vinyl chloride	39	5.0	50.00	0	77.0	49	154				
Surr: 4-Bromofluorobenzene	45		50.00		89.6	50	139				
Surr: Dibromofluoromethane	55		50.00		111	50	139				
Surr: Toluene-d8	55		50.00		109	71	120				

Sample ID **MB-5650** SampType: **MBLK** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **7/17/2015** RunNo: **9656**

Client ID: **PBS** Batch ID: **5650** TestNo: **SW8260C** **SW5035A** Analysis Date: **7/17/2015** SeqNo: **178914**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									U
1,1,1-Trichloroethane	ND	5.0									U
1,1,2,2-Tetrachloroethane	ND	5.0									U
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0									U
1,1,2-Trichloroethane	ND	5.0									U
1,1-Dichloroethane	ND	5.0									U
1,1-Dichloroethene	ND	5.0									U
1,1-Dichloropropene	ND	5.0									U
1,2,3-Trichlorobenzene	ND	5.0									U
1,2,3-Trichloropropane	ND	5.0									U
1,2,4,5-Tetramethylbenzene	ND	5.0									U*
1,2,4-Trichlorobenzene	ND	5.0									U

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1507125**

23-Jul-15

Client: J.R. Holzmacher P.E. LLC

Project: OER-Track 1; 102-14 Liberty Ave., Queens, NY

BatchID: **5650**

Sample ID **MB-5650** SampType: **MBLK** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **7/17/2015** RunNo: **9656**

Client ID: **PBS** Batch ID: **5650** TestNo: **SW8260C** **SW5035A** Analysis Date: **7/17/2015** SeqNo: **178914**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trimethylbenzene	ND	5.0									U
1,2-Dibromo-3-chloropropane	ND	5.0									U
1,2-Dibromoethane	ND	5.0									U
1,2-Dichlorobenzene	ND	5.0									U
1,2-Dichloroethane	ND	5.0									U
1,2-Dichloropropane	ND	5.0									U
1,3,5-Trimethylbenzene	ND	5.0									U
1,3-Dichlorobenzene	ND	5.0									U
1,3-dichloropropane	ND	5.0									U
1,4-Dichlorobenzene	ND	5.0									U
1,4-Dioxane	ND	5.0									U
2,2-Dichloropropane	ND	5.0									U
2-Butanone	ND	10									U*
2-Chloroethyl vinyl ether	ND	5.0									U
2-Chlorotoluene	ND	5.0									U
2-Hexanone	ND	10									U
2-Propanol	ND	5.0									U
4-Chlorotoluene	ND	5.0									U
4-Isopropyltoluene	ND	5.0									U
4-Methyl-2-pentanone	ND	10									U
Acetone	ND	10									U*
Benzene	ND	5.0									U
Bromobenzene	ND	5.0									U
Bromochloromethane	ND	5.0									U
Bromodichloromethane	ND	5.0									U
Bromoform	ND	5.0									U

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1507125**

23-Jul-15

Client: J.R. Holzmacher P.E. LLC

Project: OER-Track 1; 102-14 Liberty Ave., Queens, NY **BatchID:** **5650**

Sample ID **MB-5650** SampType: **MBLK** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **7/17/2015** RunNo: **9656**

Client ID: **PBS** Batch ID: **5650** TestNo: **SW8260C** **SW5035A** Analysis Date: **7/17/2015** SeqNo: **178914**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromomethane	ND	5.0									U
Carbon disulfide	ND	5.0									U
Carbon tetrachloride	ND	5.0									U
Chlorobenzene	ND	5.0									U
Chlorodifluoromethane	ND	5.0									U
Chloroethane	ND	5.0									U
Chloroform	ND	5.0									U
Chloromethane	ND	5.0									U
cis-1,2-Dichloroethene	ND	5.0									U
cis-1,3-Dichloropropene	ND	5.0									U
Cyclohexane	ND	5.0									U
Dibromochloromethane	ND	5.0									U
Dibromomethane	ND	5.0									U
Dichlorodifluoromethane	ND	5.0									U
Diisopropyl ether	ND	5.0									U
Ethanol	ND	20									U
Ethylbenzene	ND	5.0									U
Freon-114	ND	5.0									U
Hexachlorobutadiene	ND	5.0									U
Isopropylbenzene	ND	5.0									U
m,p-Xylene	ND	10									U
Methyl Acetate	ND	5.0									U
Methyl tert-butyl ether	ND	5.0									U
Methylene chloride	5.0	10									J*
n-Butylbenzene	ND	5.0									U
n-Propylbenzene	ND	5.0									U

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1507125**

23-Jul-15

Client: J.R. Holzmacher P.E. LLC

Project: OER-Track 1; 102-14 Liberty Ave., Queens, NY

BatchID: **5650**

Sample ID **MB-5650** SampType: **MBLK** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **7/17/2015** RunNo: **9656**

Client ID: **PBS** Batch ID: **5650** TestNo: **SW8260C** **SW5035A** Analysis Date: **7/17/2015** SeqNo: **178914**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	5.0									U
o-Xylene	ND	5.0									U
p-Diethylbenzene	ND	5.0									U
p-Ethyltoluene	ND	5.0									U
sec-Butylbenzene	ND	5.0									U
Styrene	ND	5.0									U
t-Butyl alcohol	ND	5.0									U
tert-Butylbenzene	ND	5.0									U
Tetrachloroethene	ND	5.0									U
Toluene	ND	5.0									U
trans-1,2-Dichloroethene	ND	5.0									U
trans-1,3-Dichloropropene	ND	5.0									U
Trichloroethene	ND	5.0									U
Trichlorofluoromethane	ND	5.0									U
Vinyl acetate	ND	5.0									U
Vinyl chloride	ND	5.0									U
Acrolein	ND	25									U
Acrylonitrile	ND	5.0									U
Surr: 4-Bromofluorobenzene	47		50.00		93.0	50	139				
Surr: Dibromofluoromethane	60		50.00		121	50	138				
Surr: Toluene-d8	53		50.00		106	71	120				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1507125**

23-Jul-15

Client: J.R. Holzmacher P.E. LLC

Project: OER-Track 1; 102-14 Liberty Ave., Queens, NY **BatchID:** **5650**

Sample ID **1507126-008AMS** SampType: **MS** TestCode: **8260_S** Units: **µg/Kg-dry** Prep Date: **7/17/2015** RunNo: **9656**

Client ID: **BatchQC** Batch ID: **5650** TestNo: **SW8260C** **SW5035A** Analysis Date: **7/17/2015** SeqNo: **178923**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	47	5.5	55.48	0	83.8	22	144				
1,1,2,2-Tetrachloroethane	35	5.5	55.48	0	63.9	21	133				
1,1,2-Trichloroethane	41	5.5	55.48	0	73.6	24	130				
1,1-Dichloroethane	44	5.5	55.48	0	78.5	29	138				
1,1-Dichloroethene	47	5.5	55.48	0	84.4	25	143				
1,2-Dichlorobenzene	30	5.5	55.48	0	54.9	14	130				
1,2-Dichloroethane	41	5.5	55.48	0	74.5	24	137				
1,2-Dichloropropane	44	5.5	55.48	0	79.1	30	132				
1,3-Dichlorobenzene	30	5.5	55.48	0	53.9	14	131				
1,4-Dichlorobenzene	30	5.5	55.48	0	53.7	19	128				
2-Chloroethyl vinyl ether	29	5.5	55.48	0	51.6	13	123				
Benzene	43	5.5	55.48	0	77.9	20	142				
Bromodichloromethane	44	5.5	55.48	0	80.2	24	126				
Bromoform	37	5.5	55.48	0	67.3	20	135				
Bromomethane	39	5.5	55.48	0	69.8	21	137				
Carbon tetrachloride	47	5.5	55.48	0	84.0	20	143				
Chlorobenzene	37	5.5	55.48	0	66.5	21	129				
Chloroethane	45	5.5	55.48	0	81.4	25	147				
Chloroform	43	5.5	55.48	0	77.9	34	133				
Chloromethane	34	5.5	55.48	0	60.5	30	148				
cis-1,3-Dichloropropene	39	5.5	55.48	0	69.5	20	130				
Dibromochloromethane	41	5.5	55.48	0	73.5	20	130				
Ethylbenzene	41	5.5	55.48	0	73.3	20	130				
Methylene chloride	22	11	55.48	6.394	27.4	20	130				*
Tetrachloroethene	33	5.5	55.48	0	60.2	20	120				
Toluene	46	5.5	55.48	0	83.8	21	142				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1507125**
23-Jul-15

Client: J.R. Holzmacher P.E. LLC
Project: OER-Track 1; 102-14 Liberty Ave., Queens, NY **BatchID:** **5650**

Sample ID **1507126-008AMS** SampType: **MS** TestCode: **8260_S** Units: **µg/Kg-dry** Prep Date: **7/17/2015** RunNo: **9656**
Client ID: **BatchQC** Batch ID: **5650** TestNo: **SW8260C** **SW5035A** Analysis Date: **7/17/2015** SeqNo: **178923**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	43	5.5	55.48	0	77.0	28	132				
trans-1,3-Dichloropropene	37	5.5	55.48	0	66.5	20	130				
Trichloroethene	41	5.5	55.48	0	74.0	22	147				
Trichlorofluoromethane	47	5.5	55.48	0	84.1	42	149				
Vinyl chloride	41	5.5	55.48	0	74.6	35	152				
Surr: 4-Bromofluorobenzene	49		55.48		88.7	50	139				
Surr: Dibromofluoromethane	59		55.48		106	50	138				
Surr: Toluene-d8	63		55.48		113	71	120				

Sample ID **1507126-008AMSD** SampType: **MSD** TestCode: **8260_S** Units: **µg/Kg-dry** Prep Date: **7/17/2015** RunNo: **9656**
Client ID: **BatchQC** Batch ID: **5650** TestNo: **SW8260C** **SW5035A** Analysis Date: **7/17/2015** SeqNo: **178924**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	48	5.4	54.06	0	88.5	22	144	46.52	2.77	20	
1,1,2,2-Tetrachloroethane	39	5.4	54.06	0	72.9	21	133	35.46	10.6	20	
1,1,2-Trichloroethane	43	5.4	54.06	0	79.3	24	130	40.81	4.92	20	
1,1-Dichloroethane	44	5.4	54.06	0	82.2	29	138	43.55	2.01	20	
1,1-Dichloroethene	48	5.4	54.06	0	88.0	25	143	46.84	1.56	20	
1,2-Dichlorobenzene	29	5.4	54.06	0	53.3	14	130	30.44	5.51	20	
1,2-Dichloroethane	43	5.4	54.06	0	80.3	24	137	41.31	4.93	20	
1,2-Dichloropropane	44	5.4	54.06	0	81.6	30	132	43.91	0.420	20	
1,3-Dichlorobenzene	28	5.4	54.06	0	52.2	14	131	29.90	5.87	20	
1,4-Dichlorobenzene	28	5.4	54.06	0	51.4	19	128	29.82	7.12	20	
2-Chloroethyl vinyl ether	32	5.4	54.06	0	59.1	13	123	28.62	11.0	20	
Benzene	44	5.4	54.06	0	81.6	20	142	43.24	2.05	20	

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1507125**

23-Jul-15

Client: J.R. Holzmacher P.E. LLC

Project: OER-Track 1; 102-14 Liberty Ave., Queens, NY

BatchID: **5650**

Sample ID **1507126-008AMSD** SampType: **MSD** TestCode: **8260_S** Units: **µg/Kg-dry** Prep Date: **7/17/2015** RunNo: **9656**

Client ID: **BatchQC** Batch ID: **5650** TestNo: **SW8260C** **SW5035A** Analysis Date: **7/17/2015** SeqNo: **178924**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromodichloromethane	45	5.4	54.06	0	83.9	24	126	44.47	1.97	20	
Bromoform	42	5.4	54.06	0	78.2	20	135	37.32	12.5	20	
Bromomethane	40	5.4	54.06	0	74.5	21	137	38.74	3.95	20	
Carbon tetrachloride	48	5.4	54.06	0	88.3	20	143	46.59	2.38	20	
Chlorobenzene	35	5.4	54.06	0	65.3	21	129	36.87	4.35	20	
Chloroethane	44	5.4	54.06	0	81.3	25	147	45.18	2.76	20	
Chloroform	44	5.4	54.06	0	81.4	34	133	43.20	1.80	20	
Chloromethane	33	5.4	54.06	0	60.9	30	148	33.54	1.80	20	
cis-1,3-Dichloropropene	39	5.4	54.06	0	73.0	20	130	38.54	2.41	20	
Dibromochloromethane	42	5.4	54.06	0	78.5	20	130	40.78	4.04	20	
Ethylbenzene	39	5.4	54.06	0	72.4	20	130	40.68	3.83	20	
Methylene chloride	22	11	54.06	6.394	29.5	20	130	21.57	3.40	20	*
Tetrachloroethene	33	5.4	54.06	0	61.0	20	120	33.38	1.24	20	
Toluene	46	5.4	54.06	0	84.2	21	142	46.48	2.04	20	
trans-1,2-Dichloroethene	43	5.4	54.06	0	79.8	28	132	42.72	0.929	20	
trans-1,3-Dichloropropene	37	5.4	54.06	0	68.9	20	130	36.90	0.953	20	
Trichloroethene	41	5.4	54.06	0	75.1	22	147	41.08	1.12	20	
Trichlorofluoromethane	47	5.4	54.06	0	87.0	42	149	46.64	0.891	20	
Vinyl chloride	41	5.4	54.06	0	76.2	35	152	41.41	0.498	20	
Surr: 4-Bromofluorobenzene	48		54.06		89.4	50	139		0	20	
Surr: Dibromofluoromethane	61		54.06		113	50	138		0	20	
Surr: Toluene-d8	60		54.06		111	71	120		0	20	

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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Website: www.American-Analytical.com

QC SUMMARY REPORT

WO#: **1507125**

23-Jul-15

Client: J.R. Holzmacher P.E. LLC

Project: OER-Track 1; 102-14 Liberty Ave., Queens, NY

BatchID: **5650**

Sample ID **LCS-5650** SampType: **LCS** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **7/17/2015** RunNo: **9655**

Client ID: **LCSS** Batch ID: **5650** TestNo: **SW8260C** **SW5035A** Analysis Date: **7/17/2015** SeqNo: **178905**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	44	5.0	50.00	0	87.7	42	139				
1,1,2,2-Tetrachloroethane	42	5.0	50.00	0	83.0	44	138				
1,1,2-Trichloroethane	43	5.0	50.00	0	86.3	43	134				
1,1-Dichloroethane	41	5.0	50.00	0	82.9	41	142				
1,1-Dichloroethene	45	5.0	50.00	0	89.6	33	144				
1,2-Dichlorobenzene	38	5.0	50.00	0	75.2	45	128				
1,2-Dichloroethane	44	5.0	50.00	0	87.0	34	145				
1,2-Dichloropropane	43	5.0	50.00	0	85.4	44	135				
1,3-Dichlorobenzene	37	5.0	50.00	0	74.0	40	135				
1,4-Dichlorobenzene	38	5.0	50.00	0	75.8	42	129				
2-Chloroethyl vinyl ether	40	5.0	50.00	0	79.7	30	146				
Benzene	43	5.0	50.00	0	85.4	46	137				
Bromochloromethane	ND	5.0	50.00	0	0	35	125				SU
Bromodichloromethane	44	5.0	50.00	0	87.5	44	133				
Bromoform	43	5.0	50.00	0	85.8	39	147				
Bromomethane	31	5.0	50.00	0	62.9	22	140				
Carbon tetrachloride	44	5.0	50.00	0	88.7	40	144				
Chlorobenzene	40	5.0	50.00	0	79.1	45	131				
Chloroethane	40	5.0	50.00	0	79.4	43	147				
Chloroform	42	5.0	50.00	0	83.1	40	138				
Chloromethane	29	5.0	50.00	0	58.5	32	151				
cis-1,3-Dichloropropene	43	5.0	50.00	0	86.6	44	137				
Dibromochloromethane	44	5.0	50.00	0	88.7	43	139				
Ethylbenzene	42	5.0	50.00	0	83.0	52	138				
Methylene chloride	21	10	50.00	0	41.5	20	120				B*
Tetrachloroethene	32	5.0	50.00	0	64.3	34	123				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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TEL: (631) 454-6100 FAX: (631) 454-8027
Website: www.American-Analytical.com

QC SUMMARY REPORT

WO#: **1507125**

23-Jul-15

Client: J.R. Holzmacher P.E. LLC

Project: OER-Track 1; 102-14 Liberty Ave., Queens, NY **BatchID:** **5650**

Sample ID **LCS-5650** SampType: **LCS** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **7/17/2015** RunNo: **9655**

Client ID: **LCSS** Batch ID: **5650** TestNo: **SW8260C** **SW5035A** Analysis Date: **7/17/2015** SeqNo: **178905**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	45	5.0	50.00	0	90.5	48	135				
trans-1,2-Dichloroethene	43	5.0	50.00	0	86.8	43	137				
trans-1,3-Dichloropropene	44	5.0	50.00	0	88.2	48	135				
Trichloroethene	41	5.0	50.00	0	81.7	44	135				
Trichlorofluoromethane	42	5.0	50.00	0	84.7	52	149				
Vinyl chloride	39	5.0	50.00	0	77.0	49	154				
Surr: 4-Bromofluorobenzene	45		50.00		89.6	50	139				
Surr: Dibromofluoromethane	55		50.00		111	50	139				
Surr: Toluene-d8	55		50.00		109	71	120				

Sample ID **MB-5650** SampType: **MBLK** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **7/17/2015** RunNo: **9655**

Client ID: **PBS** Batch ID: **5650** TestNo: **SW8260C** **SW5035A** Analysis Date: **7/17/2015** SeqNo: **178906**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									U
1,1,1-Trichloroethane	ND	5.0									U
1,1,2,2-Tetrachloroethane	ND	5.0									U
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0									U
1,1,2-Trichloroethane	ND	5.0									U
1,1-Dichloroethane	ND	5.0									U
1,1-Dichloroethene	ND	5.0									U
1,1-Dichloropropene	ND	5.0									U
1,2,3-Trichlorobenzene	ND	5.0									U
1,2,3-Trichloropropane	ND	5.0									U
1,2,4,5-Tetramethylbenzene	ND	5.0									U*

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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Website: www.American-Analytical.com

QC SUMMARY REPORT

WO#: **1507125**

23-Jul-15

Client: J.R. Holzmacher P.E. LLC

Project: OER-Track 1; 102-14 Liberty Ave., Queens, NY **BatchID:** **5650**

Sample ID **MB-5650** SampType: **MBLK** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **7/17/2015** RunNo: **9655**

Client ID: **PBS** Batch ID: **5650** TestNo: **SW8260C** **SW5035A** Analysis Date: **7/17/2015** SeqNo: **178906**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	5.0									U
1,2,4-Trimethylbenzene	ND	5.0									U
1,2-Dibromo-3-chloropropane	ND	5.0									U
1,2-Dibromoethane	ND	5.0									U
1,2-Dichlorobenzene	ND	5.0									U
1,2-Dichloroethane	ND	5.0									U
1,2-Dichloropropane	ND	5.0									U
1,3,5-Trimethylbenzene	ND	5.0									U
1,3-Dichlorobenzene	ND	5.0									U
1,3-dichloropropane	ND	5.0									U
1,4-Dichlorobenzene	ND	5.0									U
1,4-Dioxane	ND	5.0									U
2,2-Dichloropropane	ND	5.0									U
2-Butanone	ND	10									U*
2-Chloroethyl vinyl ether	ND	5.0									U
2-Chlorotoluene	ND	5.0									U
2-Hexanone	ND	10									U
2-Propanol	ND	5.0									U
4-Chlorotoluene	ND	5.0									U
4-Isopropyltoluene	ND	5.0									U
4-Methyl-2-pentanone	ND	10									U
Acetone	ND	10									U*
Benzene	ND	5.0									U
Bromobenzene	ND	5.0									U
Bromochloromethane	ND	5.0									U
Bromodichloromethane	ND	5.0									U

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1507125**

23-Jul-15

Client: J.R. Holzmacher P.E. LLC

Project: OER-Track 1; 102-14 Liberty Ave., Queens, NY **BatchID:** **5650**

Sample ID **MB-5650** SampType: **MBLK** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **7/17/2015** RunNo: **9655**

Client ID: **PBS** Batch ID: **5650** TestNo: **SW8260C** **SW5035A** Analysis Date: **7/17/2015** SeqNo: **178906**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromoform	ND	5.0									U
Bromomethane	ND	5.0									U
Carbon disulfide	ND	5.0									U
Carbon tetrachloride	ND	5.0									U
Chlorobenzene	ND	5.0									U
Chlorodifluoromethane	ND	5.0									U
Chloroethane	ND	5.0									U
Chloroform	ND	5.0									U
Chloromethane	ND	5.0									U
cis-1,2-Dichloroethene	ND	5.0									U
cis-1,3-Dichloropropene	ND	5.0									U
Cyclohexane	ND	5.0									U
Dibromochloromethane	ND	5.0									U
Dibromomethane	ND	5.0									U
Dichlorodifluoromethane	ND	5.0									U
Diisopropyl ether	ND	5.0									U
Ethanol	ND	20									U
Ethylbenzene	ND	5.0									U
Freon-114	ND	5.0									U
Hexachlorobutadiene	ND	5.0									U
Isopropylbenzene	ND	5.0									U
m,p-Xylene	ND	10									U
Methyl Acetate	ND	5.0									U
Methyl tert-butyl ether	ND	5.0									U
Methylene chloride	5.0	10									J*
n-Butylbenzene	ND	5.0									U

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1507125**

23-Jul-15

Client: J.R. Holzmacher P.E. LLC

Project: OER-Track 1; 102-14 Liberty Ave., Queens, NY

BatchID: **5650**

Sample ID **MB-5650** SampType: **MBLK** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **7/17/2015** RunNo: **9655**

Client ID: **PBS** Batch ID: **5650** TestNo: **SW8260C** **SW5035A** Analysis Date: **7/17/2015** SeqNo: **178906**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Propylbenzene	ND	5.0									U
Naphthalene	ND	5.0									U
o-Xylene	ND	5.0									U
p-Diethylbenzene	ND	5.0									U
p-Ethyltoluene	ND	5.0									U
sec-Butylbenzene	ND	5.0									U
Styrene	ND	5.0									U
t-Butyl alcohol	ND	5.0									U
tert-Butylbenzene	ND	5.0									U
Tetrachloroethene	ND	5.0									U
Toluene	ND	5.0									U
trans-1,2-Dichloroethene	ND	5.0									U
trans-1,3-Dichloropropene	ND	5.0									U
Trichloroethene	ND	5.0									U
Trichlorofluoromethane	ND	5.0									U
Vinyl acetate	ND	5.0									U
Vinyl chloride	ND	5.0									U
Acrolein	ND	25									U
Acrylonitrile	ND	5.0									U
Surr: 4-Bromofluorobenzene	47		50.00		93.0	50	139				
Surr: Dibromofluoromethane	60		50.00		121	50	138				
Surr: Toluene-d8	53		50.00		106	71	120				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1507125**

23-Jul-15

Client: J.R. Holzmacher P.E. LLC

Project: OER-Track 1; 102-14 Liberty Ave., Queens, NY

BatchID: **5665**

Sample ID **MBS071715A** SampType: **MBLK** TestCode: **ICPSCAN_S** Units: **mg/Kg** Prep Date: **7/17/2015** RunNo: **9700**

Client ID: **PBS** Batch ID: **5665** TestNo: **SW6010C** **SW3050B** Analysis Date: **7/21/2015** SeqNo: **180102**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.400									U
Antimony	ND	0.500									U
Arsenic	ND	0.500									U
Barium	ND	0.400									U
Beryllium	ND	0.400									U
Cadmium	ND	0.400									U
Calcium	ND	0.500									U
Chromium	ND	0.400									U
Cobalt	ND	0.400									U
Copper	ND	0.400									U
Iron	ND	0.400									U
Lead	ND	0.400									U
Magnesium	ND	0.400									U
Manganese	ND	0.400									U
Nickel	ND	0.400									U
Potassium	ND	0.500									U
Selenium	ND	0.500									U
Silicon	ND	0.500									U
Silver	ND	0.400									U
Sodium	ND	0.500									U
Thallium	ND	0.500									U
Vanadium	ND	0.400									U
Zinc	ND	0.400									U

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1507125**

23-Jul-15

Client: J.R. Holzmacher P.E. LLC

Project: OER-Track 1; 102-14 Liberty Ave., Queens, NY

BatchID: **5665**

Sample ID **LCSS071715A** SampType: **LCS** TestCode: **ICPSCAN_S** Units: **mg/Kg** Prep Date: **7/17/2015** RunNo: **9700**

Client ID: **LCSS** Batch ID: **5665** TestNo: **SW6010C** **SW3050B** Analysis Date: **7/21/2015** SeqNo: **180103**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	39.4	0.400	40.00	0	98.5	80	120				
Antimony	40.1	0.500	40.00	0	100	80	120				
Arsenic	40.0	0.500	40.00	0	99.9	80	120				
Barium	39.7	0.400	40.00	0	99.2	80	120				
Beryllium	39.6	0.400	40.00	0	99.0	80	120				
Cadmium	39.8	0.400	40.00	0	99.4	80	120				
Calcium	39.7	0.500	40.00	0	99.3	80	120				
Chromium	39.7	0.400	40.00	0	99.3	80	120				
Cobalt	39.7	0.400	40.00	0	99.2	80	120				
Copper	39.6	0.400	40.00	0	98.9	80	120				
Iron	39.2	0.400	40.00	0	98.1	80	120				
Lead	39.6	0.400	40.00	0	99.0	80	120				
Magnesium	39.6	0.400	40.00	0	99.1	80	120				
Manganese	39.5	0.400	40.00	0	98.8	80	120				
Molybdenum	39.8	0.400	40.00	0	99.4	80	120				
Nickel	39.6	0.400	40.00	0	98.9	80	120				
Potassium	396	0.500	400.0	0	98.9	80	120				
Selenium	39.8	0.500	40.00	0	99.5	80	120				
Silver	39.7	0.400	40.00	0	99.2	80	120				
Sodium	39.7	0.500	40.00	0	99.3	80	120				
Thallium	39.7	0.500	40.00	0	99.3	80	120				
Vanadium	39.8	0.400	40.00	0	99.4	80	120				
Zinc	39.8	0.400	40.00	0	99.5	80	120				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1507125**

23-Jul-15

Client: J.R. Holzmacher P.E. LLC

Project: OER-Track 1; 102-14 Liberty Ave., Queens, NY

BatchID: **5665**

Sample ID **MBS071715A** SampType: **MBLK** TestCode: **ICPSCAN_S** Units: **mg/Kg** Prep Date: **7/17/2015** RunNo: **9674**

Client ID: **PBS** Batch ID: **5665** TestNo: **SW6010C** **SW3050B** Analysis Date: **7/20/2015** SeqNo: **179174**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.400									U
Antimony	ND	0.500									U
Arsenic	ND	0.500									U
Barium	ND	0.400									U
Beryllium	ND	0.400									U
Cadmium	ND	0.400									U
Calcium	ND	0.500									U
Chromium	ND	0.400									U
Cobalt	ND	0.400									U
Copper	ND	0.400									U
Iron	ND	0.400									U
Lead	ND	0.400									U
Magnesium	ND	0.400									U
Manganese	ND	0.400									U
Nickel	ND	0.400									U
Potassium	ND	0.500									U
Selenium	ND	0.500									U
Silver	ND	0.400									U
Sodium	ND	0.500									U
Thallium	ND	0.500									U
Vanadium	ND	0.400									U
Zinc	ND	0.400									U

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1507125**

23-Jul-15

Client: J.R. Holzmacher P.E. LLC

Project: OER-Track 1; 102-14 Liberty Ave., Queens, NY

BatchID: **5665**

Sample ID **LCSS071715A** SampType: **LCS** TestCode: **ICPSCAN_S** Units: **mg/Kg** Prep Date: **7/17/2015** RunNo: **9674**

Client ID: **LCSS** Batch ID: **5665** TestNo: **SW6010C** **SW3050B** Analysis Date: **7/20/2015** SeqNo: **179175**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	37.5	0.400	40.00	0	93.8	80	120				
Antimony	39.6	0.500	40.00	0	99.0	80	120				
Arsenic	41.6	0.500	40.00	0	104	80	120				
Barium	38.2	0.400	40.00	0	95.6	80	120				
Beryllium	39.2	0.400	40.00	0	98.1	80	120				
Cadmium	39.9	0.400	40.00	0	99.9	80	120				
Calcium	38.7	0.500	40.00	0	96.6	80	120				
Chromium	40.3	0.400	40.00	0	101	80	120				
Cobalt	39.0	0.400	40.00	0	97.6	80	120				
Copper	39.6	0.400	40.00	0	99.1	80	120				
Iron	38.1	0.400	40.00	0	95.2	80	120				
Lead	40.8	0.400	40.00	0	102	80	120				
Magnesium	39.3	0.400	40.00	0	98.3	80	120				
Manganese	37.9	0.400	40.00	0	94.8	80	120				
Nickel	39.0	0.400	40.00	0	97.4	80	120				
Potassium	373	0.500	400.0	0	93.3	80	120				
Selenium	40.5	0.500	40.00	0	101	80	120				
Silver	38.7	0.400	40.00	0	96.7	80	120				
Sodium	40.4	0.500	40.00	0	101	80	120				
Thallium	38.0	0.500	40.00	0	94.9	80	120				
Vanadium	38.3	0.400	40.00	0	95.8	80	120				
Zinc	38.8	0.400	40.00	0	97.1	80	120				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1507125**

23-Jul-15

Client: J.R. Holzmacher P.E. LLC

Project: OER-Track 1; 102-14 Liberty Ave., Queens, NY

BatchID: **5665**

Sample ID **1507135-001BMS** SampType: **MS** TestCode: **ICPSCAN_S** Units: **mg/Kg-dry** Prep Date: **7/17/2015** RunNo: **9674**

Client ID: **BatchQC** Batch ID: **5665** TestNo: **SW6010C** **SW3050B** Analysis Date: **7/20/2015** SeqNo: **179177**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	35.8	0.547	21.86	13.44	102	75	125				
Barium	160	0.437	21.86	146.8	61.0	75	125				S
Cadmium	21.0	0.437	21.86	0.5185	93.6	75	125				
Chromium	29.2	0.437	21.86	10.43	86.0	75	125				
Lead	1010	0.437	21.86	1014	-16.6	75	125				S
Selenium	21.7	0.547	21.86	0.5398	96.9	75	125				
Silver	19.9	0.437	21.86	0.1147	90.3	75	125				

Sample ID **1507135-001BMSD** SampType: **MSD** TestCode: **ICPSCAN_S** Units: **mg/Kg-dry** Prep Date: **7/17/2015** RunNo: **9674**

Client ID: **BatchQC** Batch ID: **5665** TestNo: **SW6010C** **SW3050B** Analysis Date: **7/20/2015** SeqNo: **179178**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	36.0	0.551	22.04	13.44	103	75	125	35.85	0.532	20	
Barium	161	0.441	22.04	146.8	65.6	75	125	160.1	0.691	20	S
Cadmium	21.1	0.441	22.04	0.5185	93.5	75	125	20.99	0.619	20	
Chromium	29.4	0.441	22.04	10.43	86.3	75	125	29.24	0.684	20	
Lead	1020	0.441	22.04	1014	17.2	75	125	1010	0.731	20	S
Selenium	21.8	0.551	22.04	0.5398	96.3	75	125	21.72	0.180	20	
Silver	19.8	0.441	22.04	0.1147	89.5	75	125	19.86	0.130	20	

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1507125**

23-Jul-15

Client: J.R. Holzmacher P.E. LLC

Project: OER-Track 1; 102-14 Liberty Ave., Queens, NY

BatchID: **5669**

Sample ID **MBS072015A** SampType: **MBLK** TestCode: **HG_S** Units: **mg/Kg** Prep Date: **7/20/2015** RunNo: **9683**

Client ID: **PBS** Batch ID: **5669** TestNo: **SW7471B** **SW7471B** Analysis Date: **7/21/2015** SeqNo: **179307**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.0120									U

Sample ID **LCSS072015A** SampType: **LCS** TestCode: **HG_S** Units: **mg/Kg** Prep Date: **7/20/2015** RunNo: **9683**

Client ID: **LCSS** Batch ID: **5669** TestNo: **SW7471B** **SW7471B** Analysis Date: **7/21/2015** SeqNo: **179308**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.192	0.0120	0.2000	0	95.8	80	120				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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Website: www.American-Analytical.com

QC SUMMARY REPORT

WO#: **1507125**

23-Jul-15

Client: J.R. Holzmacher P.E. LLC

Project: OER-Track 1; 102-14 Liberty Ave., Queens, NY

BatchID: **5695**

Sample ID **MB-5695** SampType: **MBLK** TestCode: **8270_S** Units: **µg/Kg** Prep Date: **7/21/2015** RunNo: **9712**

Client ID: **PBS** Batch ID: **5695** TestNo: **SW8270D** **SW3546** Analysis Date: **7/21/2015** SeqNo: **180213**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
3,3´-Dichlorobenzidine	ND	250									U
Atrazine	ND	250									U
Benzaldehyde	ND	500									U
Benzidine	ND	500									U
Caprolactam	ND	250									U

Sample ID **LCS-5695** SampType: **LCS** TestCode: **8270_S** Units: **µg/Kg** Prep Date: **7/21/2015** RunNo: **9712**

Client ID: **LCSS** Batch ID: **5695** TestNo: **SW8270D** **SW3546** Analysis Date: **7/21/2015** SeqNo: **180214**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
3,3´-Dichlorobenzidine	1100	250	2000	0	54.2	10	106				
Atrazine	1500	250	2000	0	74.0	20	130				
Benzaldehyde	ND	500		0	0	20	130				U
Benzidine	350	500	2000	0	17.4	1	100				J
Caprolactam	ND	250		0	0	20	130				U

Sample ID **1507126-001BMS** SampType: **MS** TestCode: **8270_S** Units: **µg/Kg-dry** Prep Date: **7/21/2015** RunNo: **9712**

Client ID: **BatchQC** Batch ID: **5695** TestNo: **SW8270D** **SW3546** Analysis Date: **7/22/2015** SeqNo: **180747**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
3,3´-Dichlorobenzidine	1500	280	2223	0	66.1	15	120				
Atrazine	2000	280	2223	0	89.7	50	120				
Benzaldehyde	ND	560		0	0	20	120				U

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1507125**

23-Jul-15

Client: J.R. Holzmacher P.E. LLC

Project: OER-Track 1; 102-14 Liberty Ave., Queens, NY

BatchID: **5695**

Sample ID **1507126-001BMS** SampType: **MS** TestCode: **8270_S** Units: **µg/Kg-dry** Prep Date: **7/21/2015** RunNo: **9712**

Client ID: **BatchQC** Batch ID: **5695** TestNo: **SW8270D** **SW3546** Analysis Date: **7/22/2015** SeqNo: **180747**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzidine	260	560	2223	0	11.9	1	137				J
Caprolactam	ND	280		0	0	20	130				U

Sample ID **1507126-001BMSD** SampType: **MSD** TestCode: **8270_S** Units: **µg/Kg-dry** Prep Date: **7/21/2015** RunNo: **9712**

Client ID: **BatchQC** Batch ID: **5695** TestNo: **SW8270D** **SW3546** Analysis Date: **7/22/2015** SeqNo: **180748**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
3,3´-Dichlorobenzidine	1300	280	2234	0	59.2	15	120	0	200	20	R
Atrazine	1800	280	2234	0	78.6	50	120	0	200	20	R
Benzaldehyde	ND	560		0	0	20	120	0	0	20	U
Benzidine	190	560	2234	0	8.56	1	137	0	200	20	JR
Caprolactam	ND	280		0	0	20	130	0	0	20	U

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1507125**

23-Jul-15

Client: J.R. Holzmacher P.E. LLC

Project: OER-Track 1; 102-14 Liberty Ave., Queens, NY

BatchID: **5695**

Sample ID **MB-5695** SampType: **MBLK** TestCode: **8270_S** Units: **µg/Kg** Prep Date: **7/21/2015** RunNo: **9711**

Client ID: **PBS** Batch ID: **5695** TestNo: **SW8270D** **SW3546** Analysis Date: **7/21/2015** SeqNo: **180207**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Biphenyl	ND	250									U
1,2,4-Trichlorobenzene	ND	250									U
1,2-Dichlorobenzene	ND	250									U
1,3-Dichlorobenzene	ND	250									U
1,4-Dichlorobenzene	ND	250									U
2,4,5-Trichlorophenol	ND	250									U
2,4,6-Trichlorophenol	ND	250									U
2,4-Dichlorophenol	ND	250									U
2,4-Dimethylphenol	ND	250									U
2,4-Dinitrophenol	ND	500									U
2,4-Dinitrotoluene	ND	250									U
2,6-Dinitrotoluene	ND	250									U
2-Chloronaphthalene	ND	250									U
2-Chlorophenol	ND	250									U
2-Methylnaphthalene	ND	250									U
2-Methylphenol	ND	250									U
2-Nitroaniline	ND	250									U
2-Nitrophenol	ND	250									U
3+4-Methylphenol	ND	250									U
3-Nitroaniline	ND	250									U
4,6-Dinitro-2-methylphenol	ND	500									U
4-Bromophenyl phenyl ether	ND	250									U
4-Chloro-3-methylphenol	ND	250									U
4-Chloroaniline	ND	250									U
4-Chlorophenyl phenyl ether	ND	250									U
4-Nitroaniline	ND	250									U

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1507125**

23-Jul-15

Client: J.R. Holzmacher P.E. LLC

Project: OER-Track 1; 102-14 Liberty Ave., Queens, NY

BatchID: **5695**

Sample ID **MB-5695** SampType: **MBLK** TestCode: **8270_S** Units: **µg/Kg** Prep Date: **7/21/2015** RunNo: **9711**

Client ID: **PBS** Batch ID: **5695** TestNo: **SW8270D** **SW3546** Analysis Date: **7/21/2015** SeqNo: **180207**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Nitrophenol	ND	500									U
Acenaphthene	ND	250									U
Acenaphthylene	ND	250									U
Acetophenone	ND	250									U
Aniline	ND	250									U
Anthracene	ND	250									U
Azobenzene	ND	250									U
Benzo(a)anthracene	ND	250									U
Benzo(a)pyrene	ND	150									U
Benzo(b)fluoranthene	ND	250									U
Benzo(g,h,i)perylene	ND	250									U
Benzo(k)fluoranthene	ND	250									U
Benzoic acid	ND	500									U
Benzyl alcohol	ND	250									U
Bis(2-chloroethoxy)methane	ND	250									U
Bis(2-chloroethyl)ether	ND	250									U
Bis(2-chloroisopropyl)ether	ND	250									U
Bis(2-ethylhexyl)phthalate	ND	250									U
Butyl benzyl phthalate	ND	250									U
Carbazole	ND	250									U
Chrysene	ND	250									U
Di-n-butyl phthalate	ND	250									U
Di-n-octyl phthalate	ND	500									U
Dibenzo(a,h)anthracene	ND	150									U
Dibenzofuran	ND	250									U
Diethyl phthalate	ND	250									U

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1507125**

23-Jul-15

Client: J.R. Holzmacher P.E. LLC

Project: OER-Track 1; 102-14 Liberty Ave., Queens, NY **BatchID:** **5695**

Sample ID **MB-5695** SampType: **MBLK** TestCode: **8270_S** Units: **µg/Kg** Prep Date: **7/21/2015** RunNo: **9711**

Client ID: **PBS** Batch ID: **5695** TestNo: **SW8270D** **SW3546** Analysis Date: **7/21/2015** SeqNo: **180207**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dimethyl phthalate	ND	250									U
Fluoranthene	ND	250									U
Fluorene	ND	250									U
Hexachlorobenzene	ND	250									U
Hexachlorobutadiene	ND	250									U
Hexachlorocyclopentadiene	ND	250									U
Hexachloroethane	ND	250									U
Indeno(1,2,3-c,d)pyrene	ND	250									U
Isophorone	ND	250									U
N-Nitrosodi-n-propylamine	ND	150									U
N-Nitrosodimethylamine	ND	250									U
N-Nitrosodiphenylamine	ND	250									U
Naphthalene	ND	250									U
Nitrobenzene	ND	250									U
Parathion	ND	500									U
Pentachlorophenol	ND	500									U
Phenanthrene	ND	250									U
Phenol	ND	250									U
Pyrene	ND	250									U
Pyridine	ND	250									U
Surr: 2,4,6-Tribromophenol	1300		2000		63.8	13	137				
Surr: 2-Fluorobiphenyl	700		1000		70.1	15	128				
Surr: 2-Fluorophenol	1500		2000		74.0	18	120				
Surr: 4-Terphenyl-d14	770		1000		76.6	10	138				
Surr: Nitrobenzene-d5	660		1000		65.6	10	128				
Surr: Phenol-d6	1400		2000		68.2	10	122				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1507125**

23-Jul-15

Client: J.R. Holzmacher P.E. LLC

Project: OER-Track 1; 102-14 Liberty Ave., Queens, NY

BatchID: **5695**

Sample ID	**MB-5695**	SampType:	**MBLK**	TestCode:	**8270_S**	Units:	**µg/Kg**	Prep Date:	**7/21/2015**	RunNo:	**9711**
Client ID:	**PBS**	Batch ID:	**5695**	TestNo:	**SW8270D**	**SW3546**		Analysis Date:	**7/21/2015**	SeqNo:	**180207**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID	**LCS-5695**	SampType:	**LCS**	TestCode:	**8270_S**	Units:	**µg/Kg**	Prep Date:	**7/21/2015**	RunNo:	**9711**
Client ID:	**LCSS**	Batch ID:	**5695**	TestNo:	**SW8270D**	**SW3546**		Analysis Date:	**7/21/2015**	SeqNo:	**180208**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Biphenyl	1500	250	2000	0	76.1	28	126				
1,2,4-Trichlorobenzene	1400	250	2000	0	70.9	20	126				
1,2-Dichlorobenzene	1400	250	2000	0	70.0	23	128				
1,3-Dichlorobenzene	1300	250	2000	0	66.3	22	121				
1,4-Dichlorobenzene	1400	250	2000	0	71.5	20	128				
2,4,5-Trichlorophenol	1500	250	2000	0	75.1	23	135				
2,4,6-Trichlorophenol	1500	250	2000	0	74.8	20	128				
2,4-Dichlorophenol	1500	250	2000	0	74.3	20	125				
2,4-Dimethylphenol	1400	250	2000	0	69.0	16	122				
2,4-Dinitrophenol	1000	500	2000	0	51.0	1	112				
2,4-Dinitrotoluene	ND	250		0	0	20	127				U
2,6-Dinitrotoluene	ND	250		0	0	12	125				U
2-Chloronaphthalene	1500	250	2000	0	74.7	21	124				
2-Chlorophenol	1500	250	2000	0	73.9	23	133				
2-Methylnaphthalene	1400	250	2000	0	70.5	22	120				
2-Methylphenol	1400	250	2000	0	69.9	24	130				
2-Nitroaniline	1400	250	2000	0	70.6	14	115				
2-Nitrophenol	1300	250	2000	0	67.3	15	129				
3+4-Methylphenol	2800	250	4000	0	70.4	18	140				
3-Nitroaniline	1200	250	2000	0	59.3	14	120				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1507125**

23-Jul-15

Client: J.R. Holzmacher P.E. LLC

Project: OER-Track 1; 102-14 Liberty Ave., Queens, NY

BatchID: **5695**

Sample ID **LCS-5695** SampType: **LCS** TestCode: **8270_S** Units: **µg/Kg** Prep Date: **7/21/2015** RunNo: **9711**

Client ID: **LCSS** Batch ID: **5695** TestNo: **SW8270D** **SW3546** Analysis Date: **7/21/2015** SeqNo: **180208**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,6-Dinitro-2-methylphenol	1300	500	2000	0	62.9	10	120				
4-Bromophenyl phenyl ether	1600	250	2000	0	80.0	21	134				
4-Chloro-3-methylphenol	1400	250	2000	0	70.6	16	132				
4-Chloroaniline	920	250	2000	0	45.9	10	101				
4-Chlorophenyl phenyl ether	1400	250	2000	0	72.5	20	127				
4-Nitroaniline	1300	250	2000	0	66.6	20	133				
4-Nitrophenol	1300	500	2000	0	65.1	5	125				
Acenaphthene	1500	250	2000	0	74.1	14	132				
Acenaphthylene	1500	250	2000	0	75.6	17	130				
Acetophenone	1300	250	2000	0	66.6	34	129				
Aniline	800	250	2000	0	40.0	5	105				
Anthracene	1500	250	2000	0	75.4	20	132				
Azobenzene	ND	250		0	0	26	144				U
Benzo(a)anthracene	1500	250	2000	0	73.4	20	138				
Benzo(a)pyrene	1500	150	2000	0	73.4	14	130				
Benzo(b)fluoranthene	1500	250	2000	0	75.1	20	130				m
Benzo(g,h,i)perylene	1700	250	2000	0	83.6	10	142				
Benzo(k)fluoranthene	1400	250	2000	0	71.0	20	137				
Benzoic acid	720	500	2000	0	36.2	1	114				
Benzyl alcohol	1300	250	2000	0	66.2	20	130				
Bis(2-chloroethoxy)methane	1500	250	2000	0	73.0	19	128				
Bis(2-chloroethyl)ether	1500	250	2000	0	73.9	20	139				
Bis(2-chloroisopropyl)ether	1300	250	2000	0	66.7	11	134				
Bis(2-ethylhexyl)phthalate	ND	250		0	0	18	143				U
Butyl benzyl phthalate	ND	250		0	0	20	148				U
Carbazole	1400	250	2000	0	71.5	21	135				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1507125**

23-Jul-15

Client: J.R. Holzmacher P.E. LLC

Project: OER-Track 1; 102-14 Liberty Ave., Queens, NY

BatchID: **5695**

Sample ID **LCS-5695** SampType: **LCS** TestCode: **8270_S** Units: **µg/Kg** Prep Date: **7/21/2015** RunNo: **9711**

Client ID: **LCSS** Batch ID: **5695** TestNo: **SW8270D** **SW3546** Analysis Date: **7/21/2015** SeqNo: **180208**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chrysene	1500	250	2000	0	73.7	20	136				
Di-n-butyl phthalate	ND	250		0	0	20	141				U
Di-n-octyl phthalate	ND	500		0	0	16	142				U
Dibenzo(a,h)anthracene	1600	150	2000	0	81.0	11	140				
Dibenzofuran	ND	250		0	0	21	131				U
Diethyl phthalate	ND	250		0	0	20	138				U
Dimethyl phthalate	ND	250		0	0	20	130				U
Fluoranthene	1400	250	2000	0	69.9	16	130				
Fluorene	1500	250	2000	0	73.5	20	131				
Hexachlorobenzene	1500	250	2000	0	77.2	20	132				
Hexachlorobutadiene	1400	250	2000	0	71.2	20	126				
Hexachlorocyclopentadiene	1500	250	2000	0	75.6	14	128				
Hexachloroethane	1400	250	2000	0	69.4	20	132				
Indeno(1,2,3-c,d)pyrene	1600	250	2000	0	78.8	20	137				m
Isophorone	ND	250		0	0	20	134				U
N-Nitrosodi-n-propylamine	ND	150		0	0	20	142				U
N-Nitrosodimethylamine	ND	250		0	0	15	138				U
N-Nitrosodiphenylamine	1300	250	2000	0	65.6	5	100				
Naphthalene	1400	250	2000	0	71.4	20	131				
Nitrobenzene	ND	250		0	0	21	131				U
Parathion	1300	500	2000	0	66.8	21	130				
Pentachlorophenol	1200	500	2000	0	60.1	10	128				
Phenanthrene	1500	250	2000	0	77.0	11	133				
Phenol	1500	250	2000	0	73.9	22	132				
Pyrene	1600	250	2000	0	79.2	11	137				
Pyridine	1100	250	2000	0	54.5	1	101				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1507125**

23-Jul-15

Client: J.R. Holzmacher P.E. LLC

Project: OER-Track 1; 102-14 Liberty Ave., Queens, NY **BatchID:** **5695**

Sample ID **LCS-5695** SampType: **LCS** TestCode: **8270_S** Units: **µg/Kg** Prep Date: **7/21/2015** RunNo: **9711**

Client ID: **LCSS** Batch ID: **5695** TestNo: **SW8270D** **SW3546** Analysis Date: **7/21/2015** SeqNo: **180208**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2,4,6-Tribromophenol	1400		2000		69.8	13	137				
Surr: 2-Fluorobiphenyl	730		1000		73.0	15	128				
Surr: 2-Fluorophenol	1500		2000		73.9	18	120				
Surr: 4-Terphenyl-d14	750		1000		74.6	10	138				
Surr: Nitrobenzene-d5	650		1000		65.4	10	128				
Surr: Phenol-d6	1400		2000		70.0	10	122				

Sample ID **1507126-001BMS** SampType: **MS** TestCode: **8270_S** Units: **µg/Kg-dry** Prep Date: **7/21/2015** RunNo: **9711**

Client ID: **BatchQC** Batch ID: **5695** TestNo: **SW8270D** **SW3546** Analysis Date: **7/22/2015** SeqNo: **180730**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Biphenyl	1900	280	2223	0	86.8	20	147				
1,2,4-Trichlorobenzene	1700	280	2223	0	75.2	23	136				
1,2-Dichlorobenzene	1700	280	2223	0	74.9	17	137				
1,3-Dichlorobenzene	1600	280	2223	0	72.2	19	137				
1,4-Dichlorobenzene	1700	280	2223	0	75.1	17	139				
2,4,5-Trichlorophenol	1700	280	2223	0	77.8	26	138				
2,4,6-Trichlorophenol	1300	280	2223	0	59.3	21	143				
2,4-Dichlorophenol	1800	280	2223	0	79.7	20	144				
2,4-Dimethylphenol	1700	280	2223	0	74.6	24	139				
2,4-Dinitrophenol	760	560	2223	0	34.3	5	129				
2,4-Dinitrotoluene	ND	280		0	0	10	144				U
2,6-Dinitrotoluene	ND	280		0	0	12	125				U
2-Chloronaphthalene	1900	280	2223	0	87.4	25	143				
2-Chlorophenol	1700	280	2223	0	74.8	19	144				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1507125**

23-Jul-15

Client: J.R. Holzmacher P.E. LLC

Project: OER-Track 1; 102-14 Liberty Ave., Queens, NY **BatchID:** **5695**

Sample ID **1507126-001BMS** SampType: **MS** TestCode: **8270_S** Units: **µg/Kg-dry** Prep Date: **7/21/2015** RunNo: **9711**

Client ID: **BatchQC** Batch ID: **5695** TestNo: **SW8270D** **SW3546** Analysis Date: **7/22/2015** SeqNo: **180730**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Methylnaphthalene	1700	280	2223	0	78.0	20	130				
2-Methylphenol	1700	280	2223	0	74.7	29	136				
2-Nitroaniline	1900	280	2223	0	87.6	25	137				
2-Nitrophenol	1200	280	2223	0	55.5	13	139				
3+4-Methylphenol	3400	280	4446	0	77.0	10	137				
3-Nitroaniline	1700	280	2223	0	77.4	20	120				
4,6-Dinitro-2-methylphenol	750	560	2223	0	33.7	10	125				
4-Bromophenyl phenyl ether	2100	280	2223	0	92.5	29	139				
4-Chloro-3-methylphenol	1800	280	2223	0	81.7	25	139				
4-Chloroaniline	1100	280	2223	0	50.9	18	120				
4-Chlorophenyl phenyl ether	1900	280	2223	0	85.9	27	136				
4-Nitroaniline	1800	280	2223	0	80.4	23	130				
4-Nitrophenol	1000	560	2223	0	46.8	22	147				
Acenaphthene	2000	280	2223	0	88.1	28	133				
Acenaphthylene	2000	280	2223	0	88.9	22	147				
Acetophenone	1600	280	2223	0	70.8	20	135				
Aniline	810	280	2223	0	36.7	10	110				
Anthracene	2000	280	2223	39.87	90.3	24	140				
Azobenzene	ND	280		0	0	20	151				U
Benzo(a)anthracene	2100	280	2223	141.2	90.2	20	144				
Benzo(a)pyrene	2100	170	2223	127.6	86.7	21	143				
Benzo(b)fluoranthene	2100	280	2223	140.9	86.2	20	145				m
Benzo(g,h,i)perylene	2200	280	2223	108.9	94.6	20	143				
Benzo(k)fluoranthene	2000	280	2223	112.5	84.0	20	143				
Benzoic acid	ND	560	2223	0	0	10	120				SUm
Benzyl alcohol	1600	280	2223	0	72.9	25	125				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

American Analytical Laboratories, LLC.
56 Toledo Street
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Website: www.American-Analytical.com

QC SUMMARY REPORT

WO#: **1507125**

23-Jul-15

Client: J.R. Holzmacher P.E. LLC

Project: OER-Track 1; 102-14 Liberty Ave., Queens, NY

BatchID: **5695**

Sample ID **1507126-001BMS** SampType: **MS** TestCode: **8270_S** Units: **µg/Kg-dry** Prep Date: **7/21/2015** RunNo: **9711**

Client ID: **BatchQC** Batch ID: **5695** TestNo: **SW8270D** **SW3546** Analysis Date: **7/22/2015** SeqNo: **180730**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bis(2-chloroethoxy)methane	1700	280	2223	0	75.6	22	137				
Bis(2-chloroethyl)ether	1700	280	2223	0	78.7	20	143				
Bis(2-chloroisopropyl)ether	1600	280	2223	0	71.7	20	149				
Bis(2-ethylhexyl)phthalate	57	280		40.82	0	27	146				J
Butyl benzyl phthalate	ND	280		0	0	20	147				U
Carbazole	2000	280	2223	0	90.8	27	120				
Chrysene	2100	280	2223	162.2	88.8	22	142				
Di-n-butyl phthalate	46	280		49.97	0	27	145				J
Di-n-octyl phthalate	ND	560		0	0	28	145				U
Dibenzo(a,h)anthracene	2100	170	2223	28.25	92.4	23	142				
Dibenzofuran	ND	280		0	0	21	133				Um
Diethyl phthalate	ND	280		0	0	19	136				U
Dimethyl phthalate	ND	280		0	0	20	137				U
Fluoranthene	2300	280	2223	289.5	88.8	20	147				
Fluorene	2000	280	2223	0	88.1	20	138				
Hexachlorobenzene	2000	280	2223	0	89.6	20	140				
Hexachlorobutadiene	1700	280	2223	0	74.5	20	136				
Hexachlorocyclopentadiene	690	280	2223	0	31.0	4	139				
Hexachloroethane	1500	280	2223	0	68.6	13	139				
Indeno(1,2,3-c,d)pyrene	2200	280	2223	108.9	92.1	26	144				m
Isophorone	ND	280		0	0	24	145				U
N-Nitrosodi-n-propylamine	ND	170		0	0	22	146				U
N-Nitrosodimethylamine	ND	280		0	0	17	134				U
N-Nitrosodiphenylamine	1700	280	2223	0	77.1	16	143				
Naphthalene	1700	280	2223	0	78.1	13	143				
Nitrobenzene	ND	280		0	0	20	138				U

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1507125**
23-Jul-15

Client: J.R. Holzmacher P.E. LLC
Project: OER-Track 1; 102-14 Liberty Ave., Queens, NY **BatchID:** **5695**

Sample ID **1507126-001BMS** SampType: **MS** TestCode: **8270_S** Units: **µg/Kg-dry** Prep Date: **7/21/2015** RunNo: **9711**
Client ID: **BatchQC** Batch ID: **5695** TestNo: **SW8270D** **SW3546** Analysis Date: **7/22/2015** SeqNo: **180730**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Parathion	1900	560	2223	0	83.9	21	142				
Pentachlorophenol	1000	560	2223	0	46.8	18	144				
Phenanthrene	2300	280	2223	174.0	93.5	21	140				
Phenol	1700	280	2223	0	77.1	13	143				
Pyrene	2200	280	2223	247.3	88.8	19	144				
Pyridine	1200	280	2223	0	55.0	17	120				
Surr: 2,4,6-Tribromophenol	1300		2223		57.5	13	137				
Surr: 2-Fluorobiphenyl	910		1111		81.7	15	128				
Surr: 2-Fluorophenol	1600		2223		71.2	18	120				
Surr: 4-Terphenyl-d14	910		1111		81.7	10	138				
Surr: Nitrobenzene-d5	810		1111		73.1	10	128				
Surr: Phenol-d6	1600		2223		73.9	10	122				

Sample ID **1507126-001BMSD** SampType: **MSD** TestCode: **8270_S** Units: **µg/Kg-dry** Prep Date: **7/21/2015** RunNo: **9711**
Client ID: **BatchQC** Batch ID: **5695** TestNo: **SW8270D** **SW3546** Analysis Date: **7/22/2015** SeqNo: **180731**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Biphenyl	1800	280	2234	0	78.9	20	147	1929	9.09	20	
1,2,4-Trichlorobenzene	1600	280	2234	0	70.7	23	136	1672	5.63	20	
1,2-Dichlorobenzene	1500	280	2234	0	68.2	17	137	1664	8.86	20	
1,3-Dichlorobenzene	1500	280	2234	0	66.2	19	137	1604	8.18	20	
1,4-Dichlorobenzene	1600	280	2234	0	70.3	17	139	1669	6.14	20	
2,4,5-Trichlorophenol	1700	280	2234	0	73.9	26	138	1729	4.59	20	
2,4,6-Trichlorophenol	1400	280	2234	0	60.6	21	143	1317	2.76	20	
2,4-Dichlorophenol	1600	280	2234	0	72.1	20	144	1772	9.48	20	

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1507125**

23-Jul-15

Client: J.R. Holzmacher P.E. LLC

Project: OER-Track 1; 102-14 Liberty Ave., Queens, NY

BatchID: **5695**

Sample ID **1507126-001BMSD** SampType: **MSD** TestCode: **8270_S** Units: **µg/Kg-dry** Prep Date: **7/21/2015** RunNo: **9711**

Client ID: **BatchQC** Batch ID: **5695** TestNo: **SW8270D** **SW3546** Analysis Date: **7/22/2015** SeqNo: **180731**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dimethylphenol	1500	280	2234	0	67.0	24	139	1659	10.2	20	
2,4-Dinitrophenol	670	560	2234	0	29.9	5	129	762.3	13.0	20	
2,4-Dinitrotoluene	ND	280		0	0	10	144	0	0	20	U
2,6-Dinitrotoluene	ND	280		0	0	12	125	0	0	20	U
2-Chloronaphthalene	1800	280	2234	0	78.8	25	143	1944	9.89	20	
2-Chlorophenol	1500	280	2234	0	68.1	19	144	1663	8.89	20	
2-Methylnaphthalene	1600	280	2234	0	70.7	20	130	1735	9.38	20	
2-Methylphenol	1500	280	2234	0	67.4	29	136	1661	9.85	20	
2-Nitroaniline	1700	280	2234	0	77.1	25	137	1946	12.2	20	
2-Nitrophenol	1300	280	2234	0	58.1	13	139	1234	5.09	20	
3+4-Methylphenol	3000	280	4468	0	67.4	10	137	3422	12.8	20	
3-Nitroaniline	1600	280	2234	0	70.1	20	120	1720	9.37	20	
4,6-Dinitro-2-methylphenol	590	560	2234	0	26.3	10	125	749.8	24.4	20	R
4-Bromophenyl phenyl ether	1800	280	2234	0	80.3	29	139	2057	13.6	20	
4-Chloro-3-methylphenol	1600	280	2234	0	71.3	25	139	1816	13.1	20	
4-Chloroaniline	1000	280	2234	0	46.1	18	120	1131	9.32	20	
4-Chlorophenyl phenyl ether	1700	280	2234	0	75.6	27	136	1909	12.2	20	
4-Nitroaniline	1600	280	2234	0	69.4	23	130	1788	14.2	20	
4-Nitrophenol	1200	560	2234	0	51.9	22	147	1040	10.7	20	
Acenaphthene	1800	280	2234	0	79.3	28	133	1959	10.1	20	
Acenaphthylene	1700	280	2234	0	78.3	22	147	1977	12.2	20	
Acetophenone	1400	280	2234	0	64.4	20	135	1574	8.98	20	
Aniline	730	280	2234	0	32.8	10	110	814.9	10.6	20	
Anthracene	1800	280	2234	39.87	77.6	24	140	2048	14.3	20	
Azobenzene	ND	280		0	0	20	151	0	0	20	U
Benzo(a)anthracene	1900	280	2234	141.2	76.6	20	144	2145	14.7	20	

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1507125**

23-Jul-15

Client: J.R. Holzmacher P.E. LLC

Project: OER-Track 1; 102-14 Liberty Ave., Queens, NY **BatchID:** **5695**

Sample ID **1507126-001BMSD** SampType: **MSD** TestCode: **8270_S** Units: **µg/Kg-dry** Prep Date: **7/21/2015** RunNo: **9711**

Client ID: **BatchQC** Batch ID: **5695** TestNo: **SW8270D** **SW3546** Analysis Date: **7/22/2015** SeqNo: **180731**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(a)pyrene	1800	170	2234	127.6	72.8	21	143	2054	15.7	20	
Benzo(b)fluoranthene	1800	280	2234	140.9	72.2	20	145	2056	15.9	20	m
Benzo(g,h,i)perylene	1800	280	2234	108.9	77.4	20	143	2212	18.5	20	
Benzo(k)fluoranthene	1700	280	2234	112.5	71.9	20	143	1979	14.1	20	
Benzoic acid	ND	560	2234	0	0	10	120	0	0	20	SUm
Benzyl alcohol	1400	280	2234	0	63.5	25	125	1620	13.3	20	
Bis(2-chloroethoxy)methane	1600	280	2234	0	70.0	22	137	1680	7.16	20	
Bis(2-chloroethyl)ether	1600	280	2234	0	72.6	20	143	1748	7.48	20	
Bis(2-chloroisopropyl)ether	1500	280	2234	0	67.3	20	149	1594	5.77	20	
Bis(2-ethylhexyl)phthalate	45	280		40.82	0	27	146	57.02	22.7	20	JR
Butyl benzyl phthalate	ND	280		0	0	20	147	0	0	20	U
Carbazole	1800	280	2234	0	80.4	27	120	2019	11.7	20	
Chrysene	1800	280	2234	162.2	75.2	22	142	2137	14.8	20	
Di-n-butyl phthalate	82	280		49.97	0	27	145	45.73	56.6	20	JR
Di-n-octyl phthalate	ND	560		0	0	28	145	0	0	20	U
Dibenzo(a,h)anthracene	1700	170	2234	28.25	76.6	23	142	2082	17.9	20	
Dibenzofuran	ND	280		0	0	21	133	0	0	20	U
Diethyl phthalate	ND	280		0	0	19	136	0	0	20	U
Dimethyl phthalate	ND	280		0	0	20	137	0	0	20	U
Fluoranthene	2000	280	2234	289.5	77.1	20	147	2264	11.8	20	
Fluorene	1700	280	2234	0	78.2	20	138	1959	11.5	20	
Hexachlorobenzene	1800	280	2234	0	79.2	20	140	1991	11.8	20	
Hexachlorobutadiene	1600	280	2234	0	72.0	20	136	1656	2.99	20	
Hexachlorocyclopentadiene	420	280	2234	0	18.7	4	139	689.3	49.0	20	R
Hexachloroethane	1400	280	2234	0	61.7	13	139	1524	10.1	20	
Indeno(1,2,3-c,d)pyrene	1800	280	2234	108.9	75.6	26	144	2156	18.2	20	m

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1507125**

23-Jul-15

Client: J.R. Holzmacher P.E. LLC

Project: OER-Track 1; 102-14 Liberty Ave., Queens, NY

BatchID: **5695**

Sample ID **1507126-001BMSD** SampType: **MSD** TestCode: **8270_S** Units: **µg/Kg-dry** Prep Date: **7/21/2015** RunNo: **9711**

Client ID: **BatchQC** Batch ID: **5695** TestNo: **SW8270D** **SW3546** Analysis Date: **7/22/2015** SeqNo: **180731**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Isophorone	ND	280		0	0	24	145	0	0	20	U
N-Nitrosodi-n-propylamine	ND	170		0	0	22	146	0	0	20	U
N-Nitrosodimethylamine	ND	280		0	0	17	134	0	0	20	U
N-Nitrosodiphenylamine	1500	280	2234	0	67.6	16	143	1715	12.7	20	
Naphthalene	1600	280	2234	0	73.6	13	143	1736	5.49	20	
Nitrobenzene	ND	280		0	0	20	138	0	0	20	U
Parathion	1600	560	2234	0	72.5	21	142	1865	14.2	20	
Pentachlorophenol	930	560	2234	0	41.7	18	144	1041	11.0	20	
Phenanthrene	2000	280	2234	174.0	80.8	21	140	2251	12.8	20	
Phenol	1500	280	2234	0	68.9	13	143	1713	10.8	20	
Pyrene	1900	280	2234	247.3	75.9	19	144	2220	13.3	20	
Pyridine	1100	280	2234	0	50.5	17	120	1223	8.06	20	
Surr: 2,4,6-Tribromophenol	1300		2234		56.4	13	137		0	20	
Surr: 2-Fluorobiphenyl	840		1117		75.3	15	128		0	20	
Surr: 2-Fluorophenol	1500		2234		66.1	18	120		0	20	
Surr: 4-Terphenyl-d14	770		1117		69.2	10	138		0	20	
Surr: Nitrobenzene-d5	760		1117		67.6	10	128		0	20	
Surr: Phenol-d6	1400		2234		64.8	10	122		0	20	

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

APPENDIX J:
CERTIFICATE OF WARRANTY FOR VAPOR BARRIER SYSTEM

Heather Sonnenberg 2/24/14
J.R. Holzmacher P.E. LLC
3555 Veterans Memorial Hwy., Suite A
Ronkonkoma, NY 11779
Tel: (631) 234-2220

Re: 102-14 & 102-16 Liberty Ave., Queens, New York

Dear Heather Sonnenberg,

I have reviewed the following documents for the above referenced project:

- American Analytical Laboratories report WO 1401119
- American Analytical Laboratories report WO 1401124
- American Analytical Laboratories report WO 1402006
- ChemTech Analytical Results Summary and Data Package order ID F1310

The identified contaminants at the levels reported will not have an adverse effect on the waterproofing or vapor barrier properties of the proposed 20-mil thick, Model "VaporBlock PLUS" vapor barrier liner systems, manufactured by Raven Industries, Inc., provided standard design and installation procedures are followed.

Upon receipt of "proof of installation" by the qualified vendor/installer, Raven Industries, Inc. would issue a warranty of [20] years for the product.

Sincerely,

Justin Norberg
Product Development Specialist
Engineered Films Division
Raven Industries
821 W Algonquin St
Sioux Falls, SD 57104
(605)335-0288
Justin.Norberg@Ravenind.com

APPENDIX K:
DEVELOPMENT PLAN

DEPT OF BLDGS 420650735 Job Number
ES389927424 Scan Code

NOTE: TO THE BEST MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE ENERGY CONSERVATION CODE OF NEW YORK STATE USING CHAPTER 5 TO 2010 NEW YORK ENERGY CONSERVATION CONSTRUCTION CODE

SCOPE OF WORK:
NB ONE STORY WITH CELLAR
CONSTRUCTION CLASS: TYPE: 1–A
@ ON THE FIRST FLOOR TO GENERAL SERVICE OR RETAIL STORE (USE GROUP 6C) AND OFFICE (USE GROUP 6B)
BC OCCUPANCY GROUP: M & B
@ WITH CELLAR ACCESSORY USE STORAGE

AS PER FC 503.8.2 – – –New building is located on a public street that is less than 38 feet wide, Submit sprinkler application to fully sprinkler the building or submit FDNY modification per FC 104.8.1.
38.0' <44.0' ROAD WIDTH (NOT INCLUDED SIDEWALK WIDTH) –
PUBLIC STREET – – – NOT REQUIRED SPRINKLER APPLICATION

NOTE ESTABLISH "CURB LEVEL" AS PER ZR 12–10 FOR COMPLIANCE WITH ZR 33–431" WEIGHTED CURB AVERAGE OF ALL FRONTING STREETS" FORMULA AS
CALCULATION = [(TC#1 + TC#2)/2] [A/(A+B)] + [(TC#3 + TC#4)/2] [B/(A+B)] = [(32.42' + 32.04')/2] [57'/(57'+97.90')] + [(32.55' + 32.98')/2] [97.9'/(57'+97.90')] = 32.23' * 0.37 + 32.77' * 0.63 = 11.9' + 20.6' = 32.5' – – – CURB AVERAGE EL = BASE PLANE EL 32.5'

FIRE ALARM AND DETECTOR SYSTEM IS NOT REQUIRED AS PER 907.2.7
GROUP M
MANUAL AND AUTOMATIC FIRE ALARM
(1). FLOOR AREA MIN 12,000 SF > PROP 5,495 SF – – – O.K.
(2). MORE THAN 3 STORY > PROP ONE STORY – – – O.K.
(3). THE COMBINE AREA OF ALL GROUP M FIRE AREAS ALL INCLUDING MEZZ EXCEED 24,000 SF – –– PROP 5,495 SF – – – O.K.
(4). GROUP M FIRE AREA BELOW GRADE GRADE STORY EXCEED 1,500 SF – – – NONE FOR USE GROUP M BELOW GRADE STORY – – O.K.

NOTE: CURB CUT IS NOT LOCATED WITHIN 7 FEET OF ANY TREE, UTILITY POLE OR FIRE HYDRANT

NOTE:
COMPLIANCE WITH NYS ENERGY CODE, ECCCNYS STATEMENT WILL BE REQUIRED (AN ENDORSED REPORTS REQUIRED)

NOTE: CONTRACTOR SHALL FOLLOW THE NY STATE ENERGY REGULATIONS REGARDING BUILDING ENVELOPE, LIGHTING AND MECHANICAL AS SPECIFIED ON DRAWING BY PROFESSIONAL ENGINEER

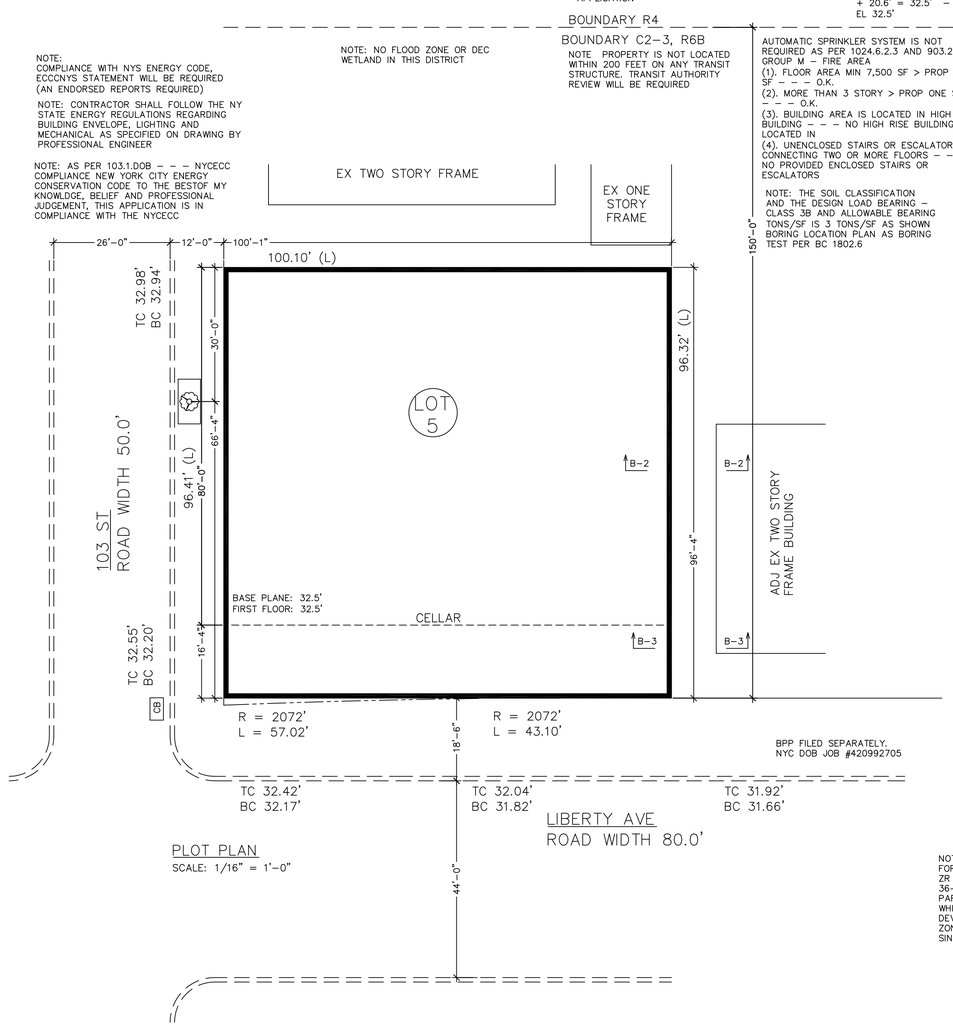
NOTE: AS PER 103.1.DOB – – – NYCECC COMPLIANCE NEW YORK CITY ENERGY CONSERVATION CODE TO THE BESTOF MY KNOWLDGE, BELIEF AND PROFESSIONAL JUDGEMENT, THIS APPLICATION IS IN COMPLIANCE WITH THE NYCECC

NOTE: NO FLOOD ZONE OR DEC WETLAND IN THIS DISTRICT

NOTE PROPERTY IS NOT LOCATED WITHIN 200 FEET ON ANY TRANSIT STRUCTURE. TRANSIT AUTHORITY REVIEW WILL BE REQUIRED

AUTOMATIC SPRINKLER SYSTEM IS NOT REQUIRED AS PER 1024.6.2.3 AND 903.2.6.2
GROUP M – FIRE AREA
(1). FLOOR AREA MIN 7,500 SF > PROP 5,495 SF – – – O.K.
(2). MORE THAN 3 STORY > PROP ONE STORY – – – O.K.
(3). BUILDING AREA IS LOCATED IN HIGH RISE BUILDING – – – NO HIGH RISE BUILDING LOCATED IN
(4). UNENCLOSED STAIRS OR ESCALATORS CONNECTING TWO OR MORE FLOORS – – – NO PROVIDED ENCLOSED STAIRS OR ESCALATORS

NOTE: THE SOIL CLASSIFICATION AND THE DESIGN LOAD BEARING – CLASS 3B AND ALLOWABLE BEARING TONS/SF IS 3 TONS/SF AS SHOWN BORING LOCATION PLAN AS BORING TEST PER BC 1802.6



PLOT PLAN
SCALE: 1/16" = 1'–0"

N

BOROUGH: QUEENS
ADDRESS: 102–16 LIBERTY AVE
QUEENS NY 11417
BLOCK: 9523
LOT: 5
ZONE: C2–3, R6B
MAP: 18A

NOTE: WAIVER OF REQUIREMENT INFORMATION FOR PROPOSED NUMBER OF SPACES AS PER ZR 36–231 AS REGARDING COMPLIANCE ZR 36–21 REQUIRED ACCESSORY OFF–STREET PARKING SPACES FOR COMMERCIAL USES WHICH STATES THAT A TRACT OF LAND DEVELOPED SHALL BE CONSIDERED A SINGLE ZONING LOT 5 UNDER SINGLE TAX LOT AND SINGLE OWNERSHIP OR CONTROL.

ZONING INFORMATION
BOROUGH: QUEENS
ADDRESS: 102–16 LIBERTY AVENUE QUEENS NY 11417
BLOCK: 9523
LOT: 5
ZONE: C2–3, R6B
MAP: 18A
COMMUNITY BOARD: 410
CONSTRUCTION CLASS: TYPE 1–A
@ NB ONE STORY WITH CELLAR
FIRST FLOOR TO GENERAL SERVICE OR RETAIL STORE (USE GROUP 6C) AND OFFICE (USE GROUP 6B)
BC OCCUPANCY GROUP: M & B
USE GROUP 6B ON THE FIRST FLOOR
CELLAR ACCESSORY USE STORAGE
@ CALCULATION
LOT LAND AREA = (96.32 FT + 96.41 FT) / 2 x 100.10 FT = 9,646.14 SF
FIRST FLOOR AREA = 96.32 FT x 100.10 FT = 9,641.6 SF = 9,642 SF
CELLAR FLOOR AREA = 80.0 FT x 100.10 FT = 8,008 SF
TOTAL GENERAL SERVICE OR RETAIL STORE AREA = 642 SF + 642 SF = 1,284 SF
TOTAL OFFICE AREA = FIRST FLOOR AREA – TOTAL GENERAL SERVICE OR RETAIL STORE AREA = 9,642 SF – 1,284 SF = 8,358 SF
TOTAL COMMERCIAL AREA = TOTAL GENERAL SERVICE OR RETAIL STORE AREA + TOTAL OFFICE AREA = 1,284 SF + 8,358 SF = 9,642 SF
TOTAL CONSTRUCTION FLOOR AREA = FIRST FLOOR AREA + CELLAR FLOOR AREA = 9,642 + 8,000 = 17,642 SF
@ MAXIMUM ALLOWABLE COMMERCIAL FLOOR AREA RATIO – – – AS PER ZR 33–121 = 2.0 FOR C2–3, R6B
MAXIMUM COMMERCIAL ALLOWABLE FLOOR AREA = 9,646 S.F. X 2.0 = MAX 19,292 S.F > PROPOSED 9,642 SF – – – O.K.
@ PROPOSED F.A.R. = 9,642 S.F. / 9,646 SF = 1.00
ALLOWABLE F.A.R AS PER ZR 33–121 = MAX 2.0 > PROPOSED 0.50 – – – O.K.
LOT AREA COVERAGE = 9,642 S.F. / 9,646 SF = 1.00
@ REQUIRED PARKING NUMBER OF CAR CALCULATION AS PER Z.R. 36–21 – – – OFFICE USES (6B). USES IN PRC–B IN USE GROUP
6 – – – 9,642 SF – ONE CAR PER 400 SQ. FT.: 9,642 SQ. FT. (1/400) = 9,642 SQ. FT. / 400 = 24 CARS
@ WAIVER OF REQUIREMENTS FOR SPACES AS PER ZR 36–231 – – – 24 CARS < MAX 25 CARS – – – WAIVER PARKING SPACES – – – O.K.
@ REQUIRED BICYCLE PARKING NUMBER CALCULATION AS PER ZR 36–70 – – – FOR OFFICE USE OR 6B –– – – ONE BICYCLE PER 10,000 SF FLOOR AREA: 9,642 SF / 10,000 = 0.96
@ WAIVER OF REQUIREMENT FOR SPACES AS PER ZR 36–70 – – – 0.96 < 3 BICYCLES – – – WAIVER BICYCLE PARKING SPACES – – – O.K.
@ ACCESSORY OFF STREET LOADING BERTHS AS PR ZR 36–62, NOT REQUIRED UP TO 8,000 SF FOR GENERAL SERVICE OR RETAIL STORES USES (6C) AND NOT REQUIRED UP TO 10,000 SF FOR OFFICE USES (6B) – – – PROPOSED GENERAL SERVICE OR RETAIL STORE AREA OF 1,284 SF < 8,000 SF AND PROPOSED OFFICE AREA OF 8,358 SF < 10,000 SF – – – OFF STREET LOADING BERTHS NOT REQUIRED
@ FRONT YARD: NONE REQUIRED
@ SIDE YARD: NO REQUIRED OR AT LEAST EIGHT FEET WIDE AT EVERY POINT – – – NO SIDE YARD PROVIDED
@ REAR YARD: NONE REQUIRED AS PER ZR 33–301 WITHIN 100 FT OF CORNERS – – – PROPERTY IS WITHIN 100.0' OF THE CORNER – – – NOT REQUIRED REAR YARD WITHIN 100.0' – – – O.K.
@ REAR YARD: AS PER 33–301, WITHIN ONE HUNDRED FEET OF CORNERS, NO REAR YARD SHALL BE REQUIRED WITHIN 100 FEET OF THE POINT OF INTERSECTION OF TWO STREET LINES INTERSECTING AT AN ANGLE OF 135 DEGREES OR LESS. – – – PROPOSED LOT IS A CORNER LOT WITHIN 100' OF THE POINT OF INTERSECTION OF TWO STREET LINES. NO REAR YARD REQUIRED – – – O.K.
@ PROPOSED NB HEIGHT AS PER ZR 33–431: PROPOSED HT 18'–0" ONE STORY < MAXIMUM HT 30'–0" TWO STORY – – – O.K.
@ TREE NOTE: AS PER ZR 33–03
@ NEW TREE (96'–4"' + 100'–1") / 25 = 3.85 + 4.0 = 7.85 = 8 TREES
1 TREE ON SITE
7 TREES OFF SITE
EXACT LOCATION TO BE DETERMINED BY DEPARTMENT OF PARKS & RECREATION
@ EXTERIOR WALL FIRE RATING 3 HOURS AS PER TABLE 602 – PROVIDED 3 HOUR

LEGEND

- FIRE HYDRANT
- DRYWELL
- PARKING SPACE
- TREE
- EB ELECTRIC VENT
- CB (CATCH BASIN) CATCH BASIN FOR STORM SEWER
- TL TRAFFIC LIGHT
- FA FIRE ALARM
- UTILITY POLE
- WATER VALVE LOCATION UNDER GROUND
- GAS VALVE LOCATION UNDER GROUND
- DOT SIGN LOCATION
- SEWER MANHOLE
- TCB TRAFFIC CONTROL BOX
- VENT
- MONITERING VALVE

CONTROLLED INSPECTIONS

SPECIAL INSPECTION ITEMS

Y	N	SPECIAL INSPECTIONS		CODE SECTION
	X	Flood Zone Compliance		BC G105
	X	Fire Alarm Test		BC 907, BC 1704.13
	X	Photoluminescent Exit Path Markings	■TR7 [	BC 1026.11
	X	Emergency Power Systems (Generators)		BC 1704.13, BC 2702
X		Structural Steel – Welding		BC 1704.3.1
X		Structural Steel – Erection & Bolting		BC 1704.3.2, BC 1704.3.3
X		Structural Cold – Formed Steel		BC 1704.3.4
X		Concrete – Cast–in–place		BC 1704.4
	X	Concrete – Precast		BC 1704.4
	X	Concrete – Prestressed	[	BC 1704.4
X		Masonry	[	BC 1704.5
	X	Wood – off–Site Fabrication of Structural Elements		BC 1704.6
	X	Wood – Installation of High–Load Diaphrams		BC 1704.6.1
	X	Wood – Installation of Metal–Plate–Connected Trusses		BC 1704.6.3
	X	Wood – Installation of Prefabricated I–Joists		BC 1704.6.4
X		Soils – Site Preparation		BC 1704.7.1
	X	Soils – Fill Placements & In–Place Density		BC 1704.7.2, BC 1074.7.3
X		Soils – Investigations (Borings/Test Pits)	■TR4 [	BC 1704.7.4
	X	Pile Foundations & Drilled Pier Installation	■TR5 [	BC 1704.7.8
	X	Pile Foundations		BC 1704.7.9
	X	Underpinning		BC 1704.9.1
	X	Wall Panels, curtain Walls, and Veneers		BC 1704.10
X		Sprayed Fire–Resistant Materials		BC 1704.11
	X	Exterior Insulation Finish Systems (EIFS)		BC 1704.12
	X	Smoke Controll Systems		BC 1704.14
X		Mechanical Systems		BC 1704.14
	X	Fuel–Oil Storage and Fuel–Oil Piping Systems		BC 1704.15
	X	High–Pressure Steam Piping (Welding)		BC 1704.17
	X	Fuel–Gas Piping (Welding)		BC 1704.18
	X	Structural Safety – Structural Stability		BC 1704.19
	X	Mechanical Demolition		BC 1704.19, BC 3306.6
X		Excavation – Sheeting Shoring and Bracing		BC 1704.19, BC 3304.4.1
X		Soil Percolation Test – Drywell		BC 1704.20.1
	X	Soil Percolation Test – Septic		BC 1704.20.1
X		Site Storm Drainage Disposal and Detention System Installation		BC 1704.20
	X	Septic System Installations		BC 1704.20
	X	Sprinkler Systems		BC 1704.21
	X	Standpipe Systems		BC 1704.22
	X	Heating Systems		BC 1704.23
	X	Chimneys		BC 1704.24
X		Fire Stop, Drafstop, and fireblock Systems		BC 1704.25
	X	Aluminum Welding		BC 1704.26
	X	Seismic Isolation Systems		BC 1707.8
X		Concrete Test Cylinder	■TR2	BC 1905.6
X		Concrete Design Mix	■TR3	BC 1905.3

PROGRESS INSPECTION ITEMS

	X	Preliminary	28–116.2.1, BC 109.2
X		Footing and Foundation	BC 109.3.1
	X	Lowest floor Elevation (Attach FEMA Form)	BC 109.3.2
X		Frame Inspection	BC 109.3.3
X		Energy Code Compliance Inspection	BC 109.3.5
X		Fire–Resistance Rated Construction	BC 109.3.4
	X	Public Assembly Emergency Lighting	BC 116.2.2
	X	Final	28–116.2.4.2 and BC 109.5 and Direction 14 of 1975

ENERGY CODE PROGR INSPECTIONS

SPECIAL INSPECTION ITEMS

Y	N	SPECIAL INSPECTIONS		CODE SECTION
X		Protection of foundation of insulation		(IA1) (IIA1)
X		Insulation Placement and R value		(IA2) (IIA2)
X		Fenestration thermal Values and Ratings		(IA3) (IIA3)
X		Fenestration thermal Values and air Leakage		(IA4) (IIA4)
X		Fenestration Areas		(IA5) (IIA5)
X		Air Sealing and Insulation – Visual		(IA6) (IIA6)
X		Air Sealing and Insulation – Testing		(IA7)
X		Project Factors		(IIA7)
	X	Loading Deck Weather Seals		(IIA8)
	X	Vestibules		(IIA9)
	X	Fireplaces		(IB1) (IIB1)
	X	Dampers Intral to Building Envelope		(IB2) (IIB2)
X		HVAC and Service Water Heating Equipment		(IB3) (IIB3)
X		HVAC and Service Water Heating System Controls		(IB4) (IIB4)
X		Duct Plenum and Piping Insulation and Sealing		(IB5) (IIB5)
	X	Duct Leakage Testing		(IB6) (IIB6)
X		Electrical Metering		(IC1) (IIC1)
	X	Lighting in Dwelling Units	[	(IC2) (IIC2)
X		Interior Lingting Power	[	(IIC3)
X		Exterior Lighting Power		(IIC4)
X		Lighting Controll		(IIC5)
X		Exit Signs		(IIC6)
	X	Tandem Wiring		(IIC7)
	X	Electrical Motors		(IIC8)
X		Maintednance Information		(ID1) (IID1)
	X	Permanent Certification		(ID2) (IID2)

BLOCK	ZONING DISTRICT	MAP
9523	C2–2, R4	18A

LOT	BOROUGH
5	QUEENS

PROJECT
SITE: NB
102–16 LIBERTY AVENUE
QUEENS NY 11417

DRAWING
PLOT PLAN
ZONING ANALYSIS

NOTE:

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APPROVALS

DOB
JOB NO #

Marguerite Baril, RA
NYC Buildings
APPROVED
Under Directive 2 of 1975
Date/Time: Jan 29, 2015 – 10:06 AM
NYC Development Hub

SEAL
STATE OF NEW YORK · DAL H. CHUN · 080675 · LICENSED PROFESSIONAL ENGINEER

DATE	12-03-14
PROJECT NO.:	JB-492-02
DRAWING BY	DC
CHK BY	DC
DRAWING NO.:	Z–001.01

DEPT OF BLDGS 420650735 Job Number | ES193398296 Scan Code

GENERAL NOTES

1. CONTRACTOR TO CHECK AND VERIFY ALL MEASUREMENTS AND DIMENSIONS AND ACTUAL CONDITIONS AT SITE AND BE HELD RESPONSIBLE FOR SAME CONTRACTOR TO OBTAIN ALL PERMITS AND FEES TO START AND COMPLETE ALTERATION UPON COMPLETION OF JOB CONTRACTOR IS TO SUPPLY OWNER WITH A CERTIFICATE OF OCCUPANCY.

2. A STATEMENT SHALL BE FILED BY THE OWNER, THAT THE SYSTEM OF VENTILATION WILL BE KEPT IN CONTINUOUS OPERATION AT ALL TIMES DURING THE NORMAL OCCUPANCY OF THE STRUCTURE AS PROVIDED IN THE APPLICATION LAWS AS FILED BY THE LICENSED PROFESSIONAL ENGINEER OR OTHER QUALIFIED PERSON WHO CONDUCTED THE TEST OF THE SYSTEM AND NOT UNTIL THE STATEMENT OF THE OWNER IS FILED.

3. ALL PLUMBING WORK SHALL BE IN ACCORDANCE WITH REQUIREMENTS OF TITLE 27 [CHAPTER 26], ARTICLE 16 AND REFERENCE STANDARD RS-16 OF THE NYC BUILDING CODE.

4. ALL WATER SUPLIES SHALL BE OVER THE RIM OR SHALL BE PROVIDED WITH APPROVED VACUUM BREAKER FOR WATER CLOSET FLUSH VALVES, HOSE BIBBS, ETC.

5. ALL NOTES, DIMESIONS, DETAILS AND JOB CONDITIONS ARE TO BE CHECKED AND VERIFIED, ANY DISCREPANCY SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER PRIOR TO COMMENCEMENT OF WORK.

6. ALL REQUIRED AND NECESSARY PERMITS SHALL BE SECURED FROM ALL MUNICIPAL AGENCIES HAVING JURISDICTION AT THE COST AND EXPENSE OF THE CONTRACTOR AND PRIOR TO START OF WORK AND HE SHALL OBTAIN APPROVAL OF ALL COMPLETED WORK AS REQUIRED BY NEW YORK CITY ADMINISTRATIVE CODE AND ALL REQUIRED AGENCIES.

7. EACH CONTRACTOR WILL BE HELD RESPONSIBLE FOR HIS WORK. ALL GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE BUILDINGS AND WILL BE RESPONSIBLE FOR THE JOINING OF WORK OF ALL TRADES.

8. ALL MATERIALS, ASSEMBLIES AND METHODS OF CONSTRUCTION NOT LISTED AS CONTROLLED INSPECTIONS SHALL BE SUBJECT TO SEMI-CONTROLLED INSPECTION BY THE PERSON SUPERINTENDING THE CONSTRUCTION. SIGNED COPIES OF ALL TEST AND INSPECTION REPORTS SHALL BE FILED THROUGH THE ARCHITECT/ENGINEER WITH THE DEPARTMENT.

9. THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE REQUIREMENTS OF ARTICLE 19 "SAFETY OF PUBLIC AND PROPERTY DURING CONSTRUCTION OPERATIONS" AND SHALL BE HELD RESPONSIBLE FOR THE SAFE MAINTENANCE AS PRESCRIBED THEREIN UNTIL COMPLETION OF THE WORK.

10. CONTRACTOR SHALL PROVIDE ALL SHORING, BRACING, BARRICADES, TEMPORARY FENCES, PARTITIONS, AND EXCAVATION, ETC. TO ACCOMPLISH ALL OF THE WORK IN AN APPROVED MANNER, AS PER SECTION 27-1052 [C26-1908.2].

11. NO DRAWINGS TO BE SCALED, DIMENSIONS ARE TO BE USED.

12. THE CONTRACTOR OR PERSON WHO SUPERVISED OR SUPERINTENDED THE WORK IS REQUIRED TO BE PRESENT AT FINAL INSPECTION WITH BUILDING DEPARTMENT INSPECTOR, SECTION 27-210 [C26-120.6].

13. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE NEW YORK CITY BUILDING CODE.

14. ALL ELECTRIC WORK TO COMPLY WITH THE N.Y.C. B.C.

15. THE CONTRACTOR SHALL UPON COMPLETION OF THE WORK SEE THAT THE JOB IS BROOM SWEPT.

16. THE ARCHITECT/ENGINEER HAS NOT HAS BEEN RETAINED TO SUPERVISE ANY CONSTRUCTION OR INSTALLATION FOR ANY EQUIPMENT.

TREE NOTE:
NUMBER OF TREES = STREET LENGTH FT/25 FT AND NEW TREES EXACT LOCATION TO BE DETERMINED BY DEPARTMENT OF PARKS AND RECREATION

AS PER ZR 26-40
STREET TREE PLANTING AND PLANTING STRIP REQUIREMENTS

ZR 26-41
Street Tree Planting

In accordance with applicability requirements of underlying district regulations, one ~street# tree, pre-existing or newly planted, shall be provided for every 25 feet of #street# frontage of the #zoning lot#. Fractions equal to or greater than one-half resulting from this calculation shall be considered to be one tree. Such trees shall be planted at approximately equal intervals along the entire length of the curb of the #street# adjacent to the #zoning lot#.

Where the Department of Parks and Recreation determines that such
tree planting would be infeasible adjacent to the #zoning lotif, or in historic districts where the Landmarks Preservation Commission determines that such tree planting would not be in character with the historic district, such tree shall be planted in an alternative location, to be selected b~y the Department of Parks and Recreation, except that if the Department of Parks and Recreation determines that no alternative location is available, or if no alternative location is provided within 30 days of an application for a Department of Parks and Recreation permit, such off? site tree shall be waived. Off? site trees shall be planted at alternative locations as follows:

(a) within an existing empty #street# tree pit or planting strip; or

(b) within an unpaved area owned by the City of New York. All such alternative locations shall be within the Community

District or one? half mile of the #development# site.
In lieu of planting an off? site tree in an available alternative location, or in the event that planting adjacent to the #zoning lot# cannot be completed due to the season, funds equivalent to the cost of planting such tree, as established by rule of the Department of Parks and Recreation, may be deposited in an account of the City of New York. Such funds shall be dedicated to the planting of #street# trees by the City at an alternative location or, in the case of an off-season deposit, in front of the ~zoning lot# at the next appropriate planting season.

The species and caliper of all ~street# trees shall be determined by the Department of Parks and Recreation, and all such trees shall be planted in accordance with the #street# tree planting standards of the Department of Parks and Recreation.

ZR 26-42
Planting Strips

In accordance with applicability requirements of underlying district regulations, the owner of the #development#, ~enlargement# or converted #building# shall provide and maintain a planting strip. ~Street# trees required pursuant to Section 26? 41 shall be planted within such planting strip. In addition to such #street# trees, such strip shall be fully planted with grass or groundcover. Such planting strip shall be located adjacent to and extend along the entire length of the curb of the #street#. However, in the event that both adjoining properties have planting strips adjacent to the #front lot line#, such planting strip may be located along the #front lot line‡. The width of such planting strip shall be the greatest width feasible given the required minimum paved width of the sidewalk on #street~ segments upon which the #building# fronts, except that no planting strip less than six inches in width shall be required. Driveways are permitted to traverse such planting strip, and utilities are permitted to be located within such planting strip.

VENTILATION NOTES

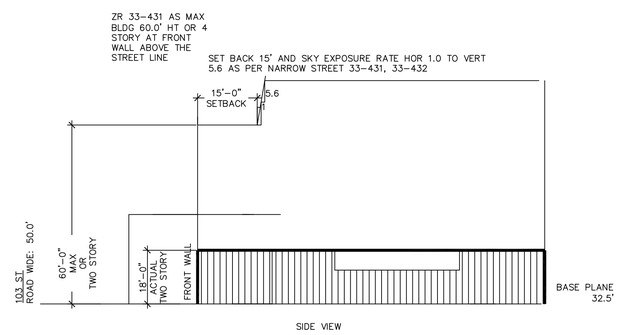
1. UPON COMPLETION OF THE VENTILATION SYSTEM, A TEST WILL BE MADE IN THE PRESENCE AND UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, QUALIFIED TO CONDUCT SUCH TESTS, OR OTHER PERSON HAVING NOT LESS THAN 5 YEARS EXPERIENCE SUPERVISING INSTALLATION OF VENTILATING SYSTEMS AND QUALIFIED TO CONDUCT SUCH TESTS. THE TEST SHALL SHOW COMPLIANCE WITH THE CODE REQUIREMENTS FOR VENTILATING AND THE PROPER FUNCTIONING OF ALL OPERATING DEVICES BEFORE SYSTEM IS APPROVED. KITCHENETTES TO HAVE ARCH, 12" DROP FROM CEILING.

2. THE LICENSED PROFESSIONAL ENGINEER OR OTHER QUALIFIED PERSON WHO CONDUCTS SUCH TEST SHALL FILE A CERTIFICATE AS TO WHETHER TEST SHOWS THAT THE RATE OF AIR SUPPLY AND EXHAUST COMPLIES WITH THE REQUIREMENTS OF THE CODE; PERTAINING TO VENTILATION. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO HAVE A TEST MADE BY A COMPETENT PARTY AND TO PROVIDE A CERTIFICATE OF FITNESS.

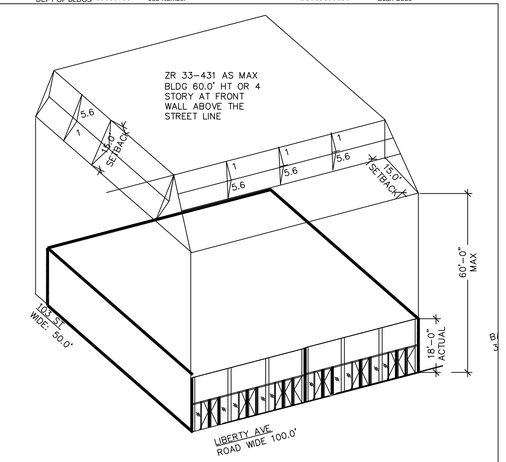
3. A STATEMENT SHALL BE FILED BY THE OWNER. THAT THE SYSTEM OF VENTILATION WILL BE KEPT IN CONTINUOUS OPERATION AT ALL TIMES DURING THE NORMAL OCCUPANCY OF THE STRUCTURE AS PROVIDED IN THE APPLICABLE LAWS AS FILED BY THE LICENSED PROFESSIONAL ENGINEER OR OTHER QUALIFIED PERSON WHO CONDUCTED THE TEST OF THE SYSTEM AND NOT UNTIL THE STATEMENT OF THE OWNER IS FILED.

4. ALL INTERIOR BATHROOMS TO HAVE A MINIMUM OF 144 SQ. INCH DUCT 24 GAUGE (WITH ANGLE IRON SUPPORT) G.I. METAL 8" MINIMUM WIDTH. FIREPROOF WITH 2 LAYERS OF 1/2" PLASTERBOARD TAPED JOINTS, ADJACENT REGISTERS AND FUSE LINK DAMPERS (APPROVED TYPE) AT EACH BATHROOM. ELECTRIC EXHAUSTING FAN IS METAL FAN HOUSING AT ROOF CAPABLE OF EXHAUSTING FOUR (4) AIR CHANGES PER HOUR. FAN TO RUN CONTINUOUSLY FROM 6:00 A.M. TO 12 MIDNIGHT.

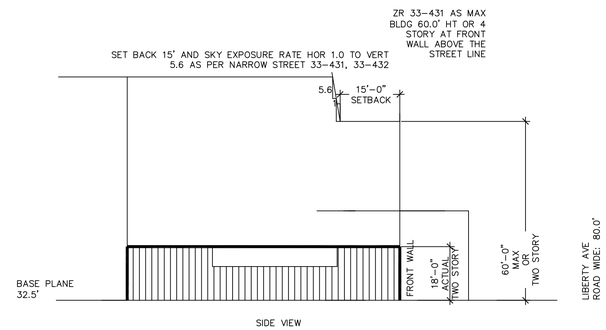
5. NO NUISANCE OF NOISE OR VIBRATION WILL BE CREATED BY VENTILATING MOTORS.



A-A SECTION "PROP 28.0' HT AND ENVELOP BLDG 60.0' HT & SETBACK 15.0' AND SKY EXPOSUE RATE OF HORI 1.0 TO VERT 5.6 WIDE STREET AS PER ZR 33-431, 33-432
SCALE: 1" = 24'-0"



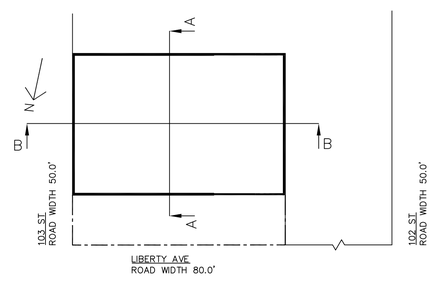
AXONOMETRIC DIAGRAM TO PROP 18.0' BLDG HT & ENVELOP BUILDING 60.0 PERIMETER WALL HT OR FOUR STORY & SETBACK DIAGRAM AS PER ZR 33-431
SCALE: 1" = 24'-0"



B-B SECTION "PROP 28.0' HT AND ENVELOP BLDG 60.0' HT & SETBACK 15.0' AND SKY EXPOSUE RATE OF HORI 1.0 TO VERT 5.6 WIDE STREET AS PER ZR 33-431, 33-432
SCALE: 1" = 24'-0"

FIRE STOPPING (SEC. C26-504.7) AS PER DEPARTMENT MEMORANDUM DATED MAY 26, 1981

THE NEW BUILDING CODE PERMITS MINERAL, SLAG AND ROCK WOOL TO BE USED AS "FIRE STOPPING WHEN COMPACTED SOLIDLY INTO A CONFINED SPACE". FIBER GLASS MAY BE CONSIDERED AS MINERAL WOOL. NONE OF THESE MATERIALS MAY BE USED AS FIRESTOPPING LOOSELY PLACED IN CRAWL SPACES, COCK LOFTS, PLENUMS, ETC.
GLASS FIBER BATTS MAY BE SOLID WITH A DENSITY OF ABOUT 0.6 LBS. PER CUBIC FOOT. COMPACTED GLASS FIBER BATTS MUST HAVE A DENSITY OF AT LEAST 3.5 PCF OF 6 TIMES THE ORIGINAL DENSITY.
A CONFINED SPACE SHALL HAVE ITS LEAST DIMENSION NOT MORE THAN 1/3 OF ITS SECOND DIMENSION. SEC. C26-504.5 OF THE ADMINISTATIVE BUILDING CODE FURTHER MANDATES THAT THE CONFINED SPACE FOR PIPES AND CONDUITS SHALL HAVE A LEAST DIMENSION NOT EXCEEDING 1/2" AND BE CLOSED OFF BY A CLOSE FITTING METAL ESCUTCHEON ON EACH SIDE.



SECTION DIAGRAM
SCALE: 1" = 36'-0"

BLOCK	ZONING DISTRICT	MAP
9523	C2-2, R4	18A
LOT	**BOROUGH**	
5	QUEENS	

PROJECT
SITE: NB
102-16 LIBERTY AVENUE
QUEENS NY 11417

DRAWING
1ST FLOOR
ZONING ANALYSIS

NOTE:

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APPROVALS

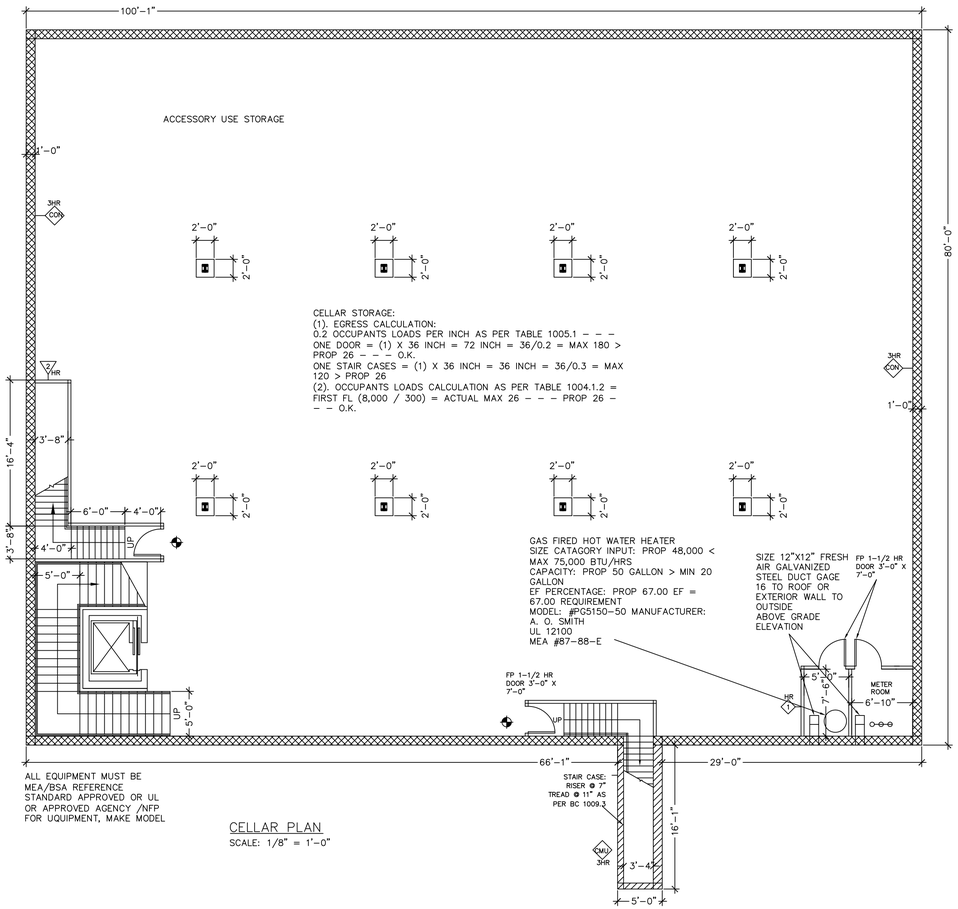
DOB
JOB NO #

Marguerite Baril, RA
NYC Building
APPROVED
Under Directive 2 of 1975
Date/Time: Jan 29, 2015 - 10:06 AM
NYC Development Hub

SEAL
STATE OF NEW YORK · DAL H. CHUN · 080675 · LICENSED PROFESSIONAL ENGINEER

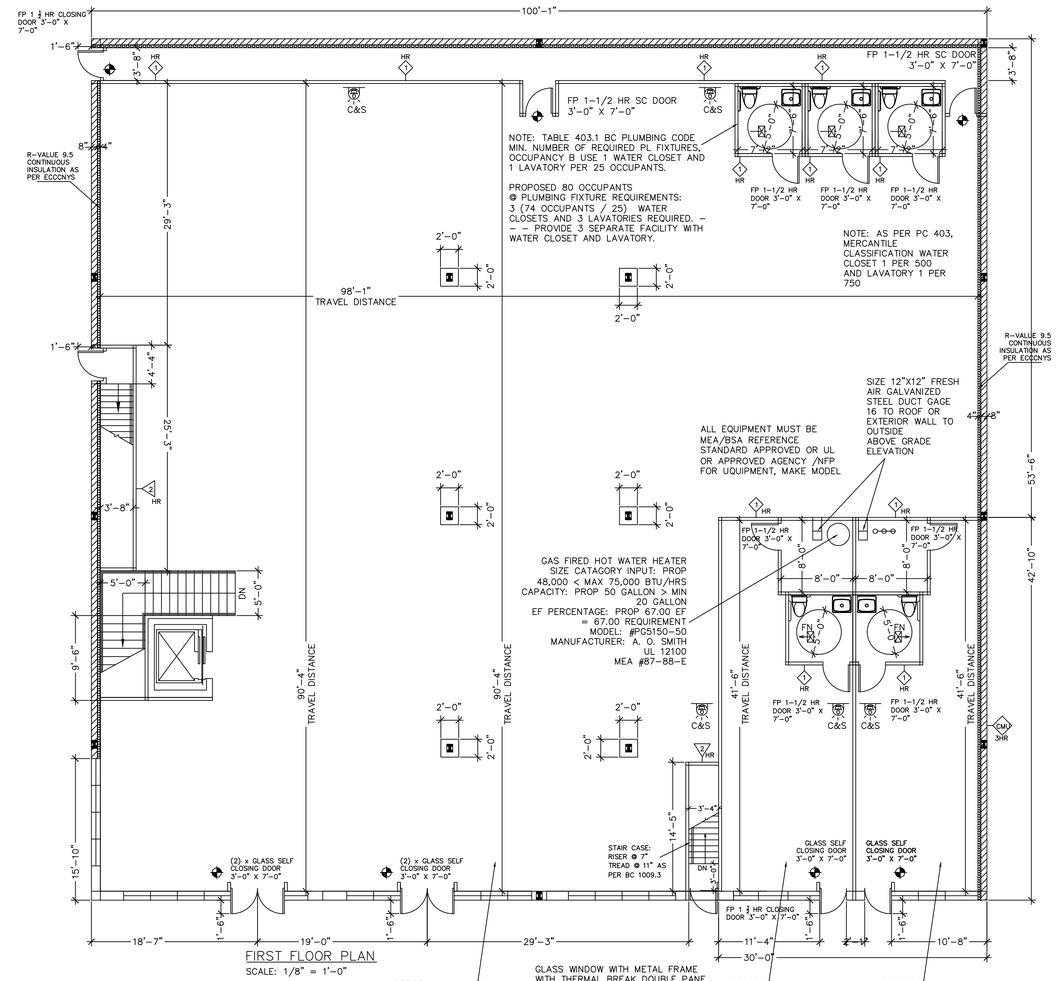
DATE	12-03-14
PROJECT NO.:	JB-492-02
DRAWING BY	DC
CHK BY	DC
DRAWING NO.:	Z-002.01

DEPT OF BLDGS 420650735 Job Number | ES681928297 Scan Code



CELLAR PLAN

SCALE: 1/8" = 1'-0"



FIRST FLOOR PLAN

SCALE: 1/8" = 1'-0"

OFFICE
USE: OFFICE USES
ZONING USE GROUP: 6B
BC OCCUPANCY GROUP: B
FLOOR AREA: 8,359.4 S.F.
PROP 74 PERSONS

(1). EGRESS CALCULATION:
0.2 OCCUPANTS LOADS PER INCH AS PER TABLE 1005.1 - - -
2 DOORS = (2) X 36 INCH = 72 INCH = 72/0.2 = MAX 360 > PROP 74 - - - O.K.
(2). OCCUPANTS LOADS CALCULATION AS PER TABLE 1004.1.2 = FIRST FL (8,359.4 / 100) = ACTUAL MAX 83.6 - - - PROP 74

GLASS WINDOW WITH METAL FRAME WITH THERMAL BREAK DOUBLE PANE GLASS, CLEAR SHGC 0.06, PF 0.64, U-FACTOR 0.385

#1 STORE
USE: GENERAL RETAIL
STORE OR SERVICE USES
ZONING USE GROUP: 6C
BC OCCUPANCY GROUP: M
FLOOR AREA: 642 S.F.
PROP 15 PERSONS

(1). EGRESS CALCULATION:
0.2 OCCUPANTS LOADS PER INCH AS PER TABLE 1005.1 - - -
2 DOORS = (2) X 36 INCH = 72 INCH = 72/0.2 = MAX 360 > PROP 15 - - - O.K.
(2). OCCUPANTS LOADS CALCULATION AS PER TABLE 1004.1.2 = FIRST FL (642 / 30) = ACTUAL MAX 21 - - - PROP 15

#2 STORE
USE: GENERAL RETAIL
STORE OR SERVICE USES
ZONING USE GROUP: 6C
BC OCCUPANCY GROUP: M
FLOOR AREA: 642 S.F.
PROP 15 PERSONS

(1). EGRESS CALCULATION:
0.2 OCCUPANTS LOADS PER INCH AS PER TABLE 1005.1 - - -
2 DOORS = (2) X 36 INCH = 72 INCH = 72/0.2 = MAX 360 > PROP 15 - - - O.K.
(2). OCCUPANTS LOADS CALCULATION AS PER TABLE 1004.1.2 = FIRST FL (642 / 30) = ACTUAL MAX 21 - - - PROP 15

EXIT SIGN / LIGHT
NOTES
1. THE EXIT AREA TO BE ILLUMINATED WITHIN THE ASSEMBLY SPACE SHALL CONSIST OF THE EXIT SIGN, EXIT DOOR WAY AND A SQUARE AT THE TRESHOLD OF THE POINT OF EGRESS WITH A SIDE WHOSE DIMENSION IS DOUBLE THE WIDTH OF THE EGRESS OPENING, OR EQUAL TO THE WIDTH OF THE CORRIDOR, (WHICHEVER IS LESS) LIGHT MEASUREMENT SHOULD BE ON THE HORIZONTAL.
2, THIS INTENSITY OF GENERAL ILLUMINATION SHALL NOT BE DIMINISHED TO LESS THAN TWO (2) FOOT CANDLES AT A LEVEL EIGHTEEN INCHES ABOVE THE FLOOR AT CROSS AILE.
3, THE INTENSITY OF GENERAL ILLUMINATION SHALL NOT BE DIMINISHED TO LESS THAN ONE (1) FOOT CANDLE AT A LEVEL EIGHTEEN (18) INCHES ABOVE THE FLOOR ELSEWHERE.
4, THE LIGHTING UINTS SHALL BE SO ARRANGED SO AS NOT TO.
A. INTRODUCE DISORIENTING GLARE TO THE PATH OF ESCAPE.
B. DRAMACICALLY ALTER THE CHARACTER AND QUALITY OF ILLUMINATION.
5, ILLUMINATION SHALL BE SO ARRANGED THAT THE FAILURE OF ANY SINGLE LIGHTING UINT, SHCH AS THE BURNING OUT OF AN ELECTRICAL BULB WILL NOT LEAVE ANY AREAS IN DARKNESS.
6, EXIT LIGHT SHALL BE ON CIRCUITS THAT ARE SEPARATE FROM SENERAL LIGHTING AND THE POWER CIRCUITS EITHER TAKEN OFF AHEAD OF THE MAIN SWITCH OR CONNECTED TO EMERGENCY LIGHTING POWER SOURCE. IF BATTERY OPERATED, MAY BE RECHARGED FROM THE GENERAL LIGHTING POWER CIRCUITS.

EXIT SIGN / LIGHT
NOTE:504.4 - - -COMPLIANCE WITH INTERNALLY ILLUMINATED EXIT SIGN OF MAX OF 5 WATTS PER SIDE

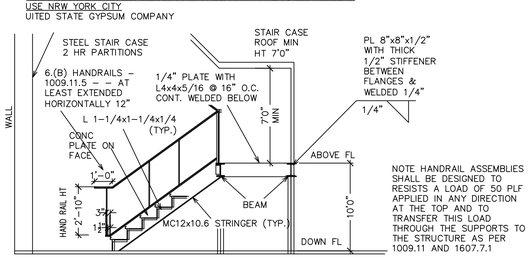
EXIT SIGN / LIGHT
NOTES
TACTILE SIGN INDICATING EXIT AND COMPLYING WITH ICC A 117.1 SHALL PROVIDED ADJACENT TO EACH DOOR TO AN EGRESS STAIR, AN EXIT PASSAGE WAY AND THE EXIT DISCHAGE.

EXIT SIGN / LIGHT
NOTES
AS PER BC 1011.1 - - - EXITS AND EXIT ACCESS DOORS SHALL BE MARKED BY AN APPROVED EXIT SIGN READILY VISIBLE FROM ANY DIRECTION OF EGRESS TRAVEL. ACCESS TO EXITS SHALL BE MARKED BY READILY SISIBLE EXIT SIGNS IN CASES WHERE THE EXIT OR THE PATH OF EGRESS TRAVEL IS NOT IMMEDIATELY VISIBLE TO THE OCCUPANTS. EXIT SIGN PLACEMENT SHALL BE SUCH THAT NO POINT IN AN EXIT ACCESS CORRIDOR IS MORE THAN 100 FEET OR LISTED VIEWING DISTANCE FOR THE SIGN, WHICHEVER IS LESS, FROM THE NEAREST VISIBLE EXIT SIGN

LEGEND

- LAVATORY
- WATER CLOSET (W.C.)
- WATER DRINKING FOUNTAIN
- NON RESI SINK
- NEW GLASS WINDOW
- DOOR
- NEW 1 HR PARTITION WALL
- NEW 2 HR PARTITION WALL
- NEW CONCRETE 4000 PSI WALL
- NEW 75 % SOLID C.M.U. WALL
- ECCCNYS INSULATED R-VLAUE NUMBER
- FAN 50 CFM
- EXIT SIGN & LIGHT
- ELECTRIC LIGHT
- CARBON MONOXIDE & SMOKE DETECTOR

BSA #542-68-SM
2 HOUR FIRE RATING NON COMBUSTIBLE ASSEMBLIES EQUIVALENT FOR USE NRW YORK CITY
UITED STATE GYPSUM COMPANY

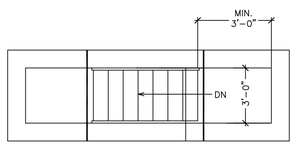


NOTE HANDRAIL ASSEMBLIES SHALL BE DESIGNED TO RESISTS A LOAD OF 50 PLF APPLIED IN ANY DIRECTION AT THE TOP AND TO TRANSFER THIS LOAD THROUGH THE SUPPORTS TO THE STRUCTURE AS PER 1009.11 AND 1607.7.1

STAIR (TYP.) SECTION VIEW

SCALE: 1/4" = 1'-0"

BC 1009.2 THRU 1009.4, 1009.12
PROVIDE STAIRWAY CONSTRUCTION DETAILS AND INDICATE COMPLIANCE WITH SECT[S]:
1. STAIR WIDTH -1009.11 - 44 '- [36"IF OCCUPANT LOAD IS 50 OR LESS]
2. HEAD ROOM -1009.2
3. TREADS AND RISERS -1009.3
4. LANDING- 1009.4
5. STAIR CONSTRUCTION -1009.5
6.(A) HANDRAILS -1009.11 - - MIN 2'-10" MAX 3'-2"
6.(B) HANDRAILS -1009.11.5 - - AT LEAST EXTENDED HORIZONTALLY 12"
7. STAIR TO ROOF -1009.12



STAIR (TYP.) PLAN VIEW

RISER @ 7"
TREAD @ 11" AS PER BC 1009.3

TYP. SECTION THROUGH STAIR & PLATFORM

TYPICAL STAIR CONSTRUCTION DETAIL

SCALE: 1/4" = 1'-0"

BLOCK	ZONING DISTRICT	MAP
9523	C2-2, R4	18A
LOT	BOROUGH	
5	QUEENS	

PROJECT

SITE: NB
102-16 LIBERTY AVENUE
QUEENS NY 11417

DRAWING

CEL, FIRST FL
FLOOR PLAN

NOTE:

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APPROVALS

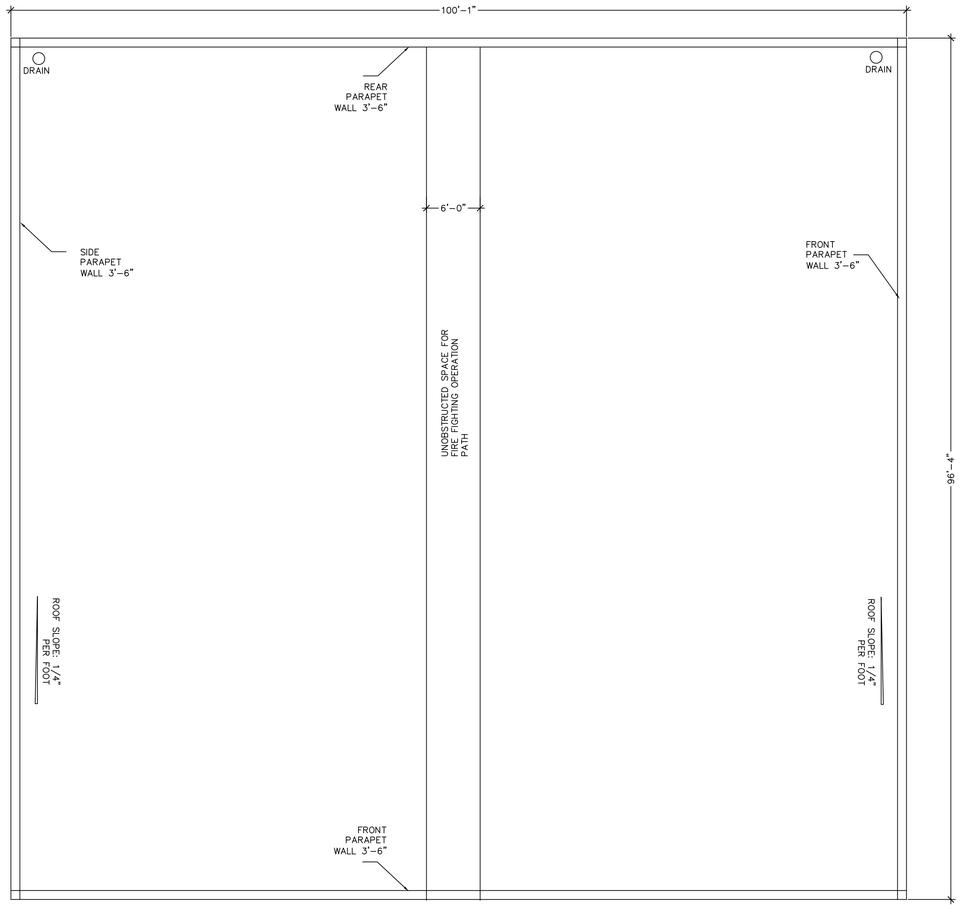
DOB
JOB NO #

Marguerite Baril, RA
NYC Building
APPROVED
Under Directive 2 of 1975
Date/Time: Jan 29, 2015 - 10:06 AM
NYC Development Hub

SEAL

STATE OF NEW YORK · DAL H. CHUN · 080675 · LICENSED PROFESSIONAL ENGINEER

DATE	12-03-14
PROJECT NO.:	JB-492-02
DRAWING BY	DC
CHK BY	DC
DRAWING NO.:	A-001.01



ROOF PLAN
SCALE: 1/8" = 1'-0"

TABLE 1015.1
EXIT ACCESS TRAVEL DISTANCE

OCCUPANTS	WITHOUT SPRINKLER SYSTEM (FEET)	WITH SPRINKLER SYSTEM (FEET)
E, F-1, I-1 M, R, S-1	150	200
B	200	300

TABLE 1014.1
SPACES WITH ONE MEANS EGRESS

OCCUPANTS	MAX OCCUPANTS LOAD
A, B, E, M, U	74
F	50

BC 1014.2.1
TWO EXITS OR EXIT ACCESS DOOR WAYS
- EXIT ACCESS DOOR WAYS MIN 1/2 OF THE LENGTH OF MAX DIAGONAL DIMENTION OF THE BUILDING OR AREA TO SERVED MEASURED IN A STRAIGHT LINE BETWEEN EXIT DOORS OR EXIT ACCESS DOOR WAYS

TABLE 1005.1
EGRESS WIDTH PER OCCUPANTS SERVED

OCCUPANTS	STAIR WAYS INCHES PER OCCUPANTS	OTHER COMPONENTS INCHES PER OCCUPANTS
OTHER THAN LIST THOSE BELOW	0.3	0.2
HAZARDOUS H-1, H-2, H-3, & H-4	0.4	0.2

TABLE 1004.1.2
MAX FL AREA ALLOWANCES PER OCCUPANT

USE OF SPACE	FL AREA (SF)
MRCANTILE AREA OTER FLOOR BASEMENT AND GRADE FLOOR STORAGE, STOCK, SHIPPING AREA	60 30 300

TABLE 1018.2
BUILDINGS WITH ONE EXIT

OCCUPANCY	MAX HEIGHT ABOVE GRADE PLANE	MAX OCCUPANTS (OR DWELLING UNIT) PER FLOOR AND TRAVEL DISTANCE
A, B, E, F, M, U	1 STORY	50 OCCUPANTS AND 75 FT TRAVEL DISTANCE

TABLE 705.4
FIRE WALL FIRE RESISTANCE RATING

GROUP	FIRE RESISTANCE RATING (HR)	PROPOSED FIRE RESISTANCE RATING: GROUP	PROPOSED FIRE RESISTANCE RATING: FIRE RESISTANCE RATING (HR)
A, B, E, H-4, I, R-1, R-2, U	3		
F-1, H-3, H-5, M, S-1	3	M	3
H-1, H-2	4		
F-2, S-2, R-3, R-4	2		

NOTE: 504.3 - - - SET POINT TEMPERATURE CONTROL 110 DEG F FOR DWELLING AND 90 DEG F FOR OTHER COMPLIANCE

NOTE: 1§ RCNY 5000-01(G)2 - - - MANDATORY CONTROL SYSTEM DESCRIBING ITS FUNCTION AND OPERATION AND SPECIFYING PROPER SET POINT OF EQUIPMENT AND CONTROL.

NOTE: ENERGY CODE OPERATING AND MAINTANENCE MANUAL IS TO BE PROVIDED TO THE BUILDING OWNER BY THE MECHANICAL CONTRACTOR

NOTE: AS PER 503.2.9.3 - - - ENERGY CODE OPERATING AND MAINTANENCE MANUAL IS TO BE PROVIDED TO THE BUILDING OWNER BY THE MECHANICAL CONTRACTOR

WINDOWS REQUIRED TO BE PROTECTED IN ACCORDANCE WITH SECTION 704.8, 704.9 OR 704.10 SHALL COMPLY WITH SEXTION 715.3.8
EXCEPTION PROTECTED ASSEMBLLESARE NOT REQUIRED FOR SPRINKLED BUILDING IF EXTERIOR OPENING ARE PROTECTED BY AN APPROVED WATER CURTAIN USING AUTOMATIC SPRINKLERS APPROVED FOR THAT USE AS PER 704.1.2

FIRE STOPPING (SEC. C26-504.7) AS PER DEPARTMENT MEMORANDUM DATED MAY 26, 1981

THE NEW BUILDING CODE PERMITS MINERAL, SLAG AND ROCK WOOL TO BE USED AS "FIRE STOPPING WHEN COMPACTED SOLIDLY INTO A CONFINED SPACE". FIBER GLASS MAY BE CONSIDERED AS MINERAL WOOL. NONE OF THESE MATERIALS MAY BE USED AS FIRESTOPPING LOOSELY PLACED IN CRAWL SPACES, COCK LOFTS, PLENUMS, ETC.
GLASS FIBER BATTS MAY BE SOLID WITH A DENSITY OF ABOUT 0.6 LBS. PER CUBIC FOOT. COMPACTED GLASS FIBER BATTS MUST HAVE A DENSITY OF AT LEAST 3.5 PCF OF 6 TIMES THE ORIGINAL DENSITY.
A CONFINED SPACE SHALL HAVE ITS LEAST DIMENSION NOT MORE THAN 1/3 OF ITS SECOND DIMENSION. SEC. C26-504.5 OF THE ADMINISTATIVE BUILDING CODE FURTHER MANDATES THAT THE CONFINED SPACE FOR PIPES AND CONDUITS SHALL HAVE A LEAST DIMENSION NOT EXCEEDING 1/2" AND BE CLOSED OFF BY A CLOSE FITTING METAL ESCUTCHEON ON EACH SIDE.

TABLE 601
FIRE RESISTANCE RATING

BUILDING ELEMENT	TYPE 1 A	TYPE 1 B	TYPE 2 A	TYPE 2 B	TYPE 3 A	TYPE 3 B	TYPE 4 HT	TYPE 5 A	TYPE 5 B	PROPOSED FIRE RESISTANCE RATING: TYPE 1 A
STRUCTURAL FRAME INC COLUMN GIRERS, TRUSSES	3	2	1	0	1	0	HT	1	0	3
BEARING WALLS EXTERIOR INTERIOR	3 3	2 2	1 1	0 0	2 1	2 0	2 HT	1 1	0 0	3 3
NON BEARING WALLA EXTERIOR	SEE TABLE 602									
NONBEARING WALLS AND PARTITIONS INTERIOR	0	0	0	0	0	0	SEE TBL 602	0	0	0
FLOOR CONSTRUCTION INC BEAMS AND JOISTS	2	2	1	0	1	0	HT	1	0	2
ROOF CONSTRUCTION INC BEAMS AND JOISTS	$1\frac{1}{2}$	1	1	0	1	0	HT	1	0	$1\frac{1}{2}$

TABLE 602
FIRE RESISTANCE RATING -NON BEARING WALLS EXTERIOR

FIRE SEPARATION DISTANCE (FT)	TYPE OF CONSTRUCTION	OCCUPANCY GROUP H	OCCUPANCY GROUP F-1, M, S-1	OCCUPANCY GROUP A, B, E, F-2, I, R, S-2, U	PROPOSED FIRE RESISTANCE RATING: OCCUPANCY GROUP M
< 5	ALL	3	2	2	2
≤ 5 TO < 10	IA OTHER	3 2	2 1	1 1	2 -
≤ 10 TO < 30	IA, 1B 2B, 5B OTHER	2 1 1	1 0 1	1 0 1	2 - -
≤ 30	ALL	0	0	0	0

106.4 Building classification statement. The statement shall identify:

1. The occupancy group or groups that apply to parts of the building in accordance with Section 302 --- BC OCCUPANCY GROUP: M

2. The occupancy group of the main use or dominant occu- pancy of the building --- MERCHATILE - RETAIL STORES

3. The construction class of the building in accordance with Section 602 - - - 1-A 3 HOUR PROTECTED - NON-COMBUST

4. The structural occupancy category in accordance with Table 1604.5 --- I-LOW HAZARD TO HUMAN LIFE

5. The height of the building as defined in Section 502.1 --- ACTUAL 18 FT HT PERIMETER WALL

6. The applicable measurements to the highest and lowest level of Fire Department access - - - MAX TO BUILD APPLICABLE HIGHEST 28 FT AND LOWEST LEVEL OF FIRE DEPARTMENT ACCESS PERIMETER WALL HT 28 FT

7. Whether the building is inside or outside of the fire dis- tricts; - - - FIRE DISTRICT

8. For multiple dwellings, the multiple dwelling classifica- tion as established by the New York State Multiple Dwell- ing Law. - - - N/A

VENTILATION NOTES

1. UPON COMPLETION OF THE VENTILATION SYSTEM, A TEST WILL BE MADE IN THE PRESENCE AND UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, QUALIFIED TO CONDUCT SUCH TESTS, OR OTHER PERSON HAVING NOT LESS THAN 5 YEARS EXPERIENCE SUPERVISING INSTALLATION OF VENTILATING SYSTEMS AND QUALIFIED TO CONDUCT SUCH TESTS. THE TEST SHALL SHOW COMPLIANCE WITH THE CODE REQUIREMENTS FOR VENTILATING AND THE PROPER FUNCTIONING OF ALL OPERATING DEVICES BEFORE SYSTEM IS APPROVED. KITCHENETTES TO HAVE ARCH, 12" DROP FROM CEILING.

2. THE LICENSED PROFESSIONAL ENGINEER OR OTHER QUALIFIED PERSON WHO CONDUCTS SUCH TEST SHALL FILE A CERTIFICATE AS TO WHETHER TEST SHOWS THAT THE RATE OF AIR SUPPLY AND EXHAUST COMPLIES WITH THE REQUIREMENTS OF THE CODE; PERTAINING TO VENTILATION. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO HAVE A TEST MADE BY A COMPETENT PARTY AND TO PROVIDE A CERTIFICATE OF FITNESS.

3. A STATEMENT SHALL BE FILED BY THE OWNER. THAT THE SYSTEM OF VENTILATION WILL BE KEPT IN CONTINUOUS OPERATION AT ALL TIMES DURING THE NORMAL OCCUPANCY OF THE STRUCTURE AS PROVIDED IN THE APPLICABLE LAWS AS FILED BY THE LICENSED PROFESSIONAL ENGINEER OR OTHER QUALIFIED PERSON WHO CONDUCTED THE TEST OF THE SYSTEM AND NOT UNTIL THE STATEMENT OF THE OWNER IS FILED.

4. ALL INTERIOR BATHROOMS TO HAVE A MINIMUM OF 144 SQ. INCH DUCT 24 GAUGE (WITH ANGLE IRON SUPPORT) G.I. METAL 8" MINIMUM WIDTH. FIREPROOF WITH 2 LAYERS OF 1/2" PLASTERBOARD TAPED JOINTS, ADJACENT REGISTERS AND FUSE LINK DAMPERS (APPROVED TYPE) AT EACH BATHROOM. ELECTRIC EXHAUSTING FAN IS METAL FAN HOUSING AT ROOF CAPABLE OF EXHAUSTING FOUR (4) AIR CHANGES PER HOUR. FAN TO RUN CONTINUOUSLY FROM 6:00 A.M. TO 12 MIDNIGHT.

5. NO NUISANCE OF NOISE OR VIBRATION WILL BE CREATED BY VENTILATING MOTORS.

BLOCK	ZONING DISTRICT	MAP
9523	C2-2, R4	18A

LOT	BOROUGH
5	QUEENS

PROJECT
SITE: NB
102-16 LIBERTY AVENUE
QUEENS NY 11417

DRAWING
ROOF FL
FLOOR PLAN

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APPROVALS

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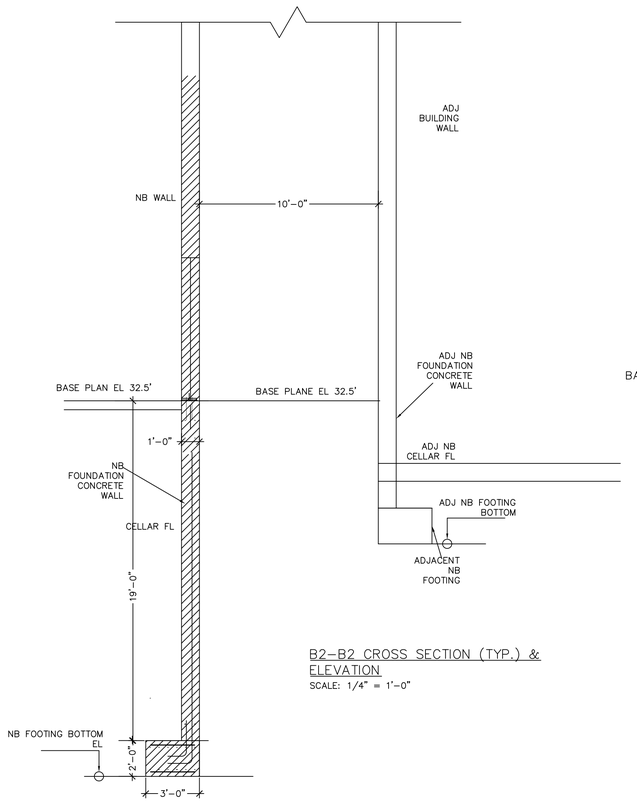
JOB NO #

Marguerite Baril, RA
NYC Building
APPROVED
Under Directive 2 of 1975
Date/Time: Jan 29, 2015 - 10:06 AM
NYC Development Hub

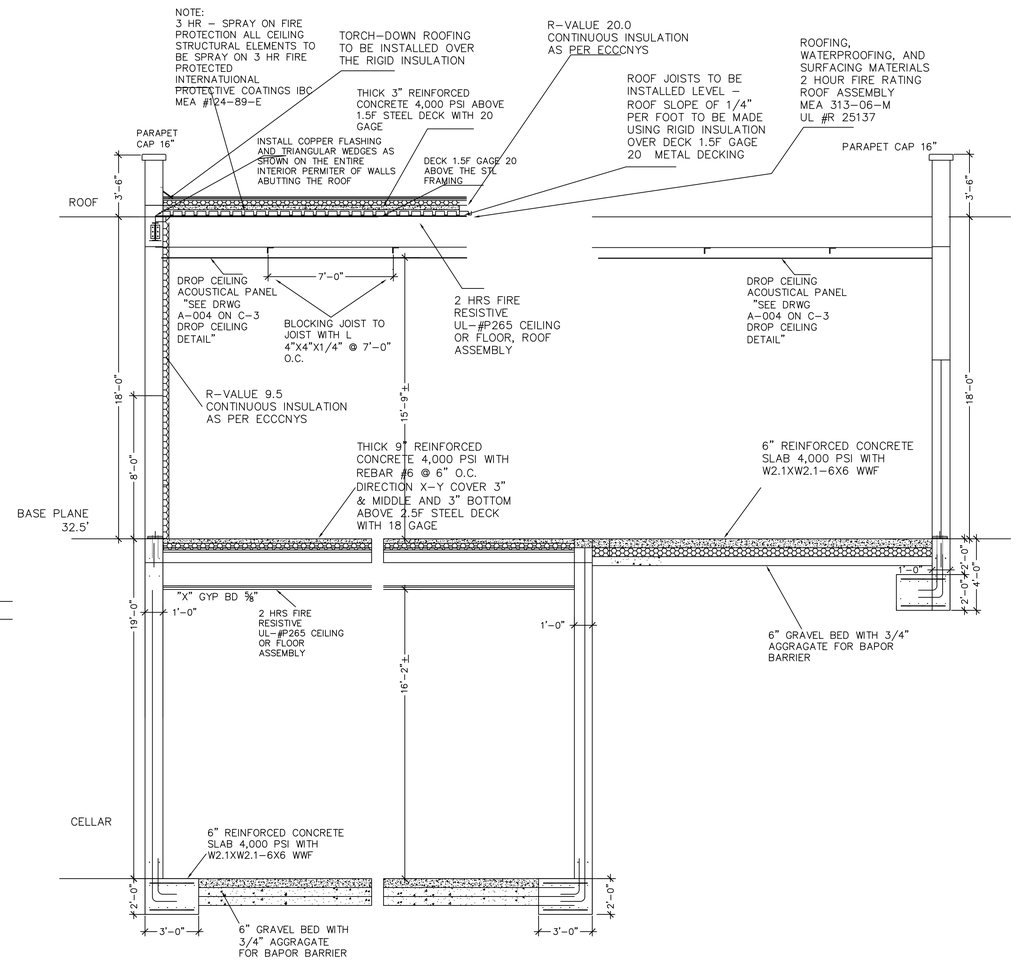
SEAL
STATE OF NEW YORK
DAL H. CHUN
080676
LICENSED PROFESSIONAL ENGINEER

DATE	12-03-14
PROJECT NO.:	JB-492-02
DRAWING BY	DC
CHK BY	DC
DRAWING NO.:	A-002.01

DEPT OF BLDGS 420650735 Job Number
ES504487919 Scan Code



B2–B2 CROSS SECTION (TYP.) & ELEVATION
SCALE: 1/4" = 1'-0"



C1–C1 CROSS SECTION (TYP.) & ELEVATION
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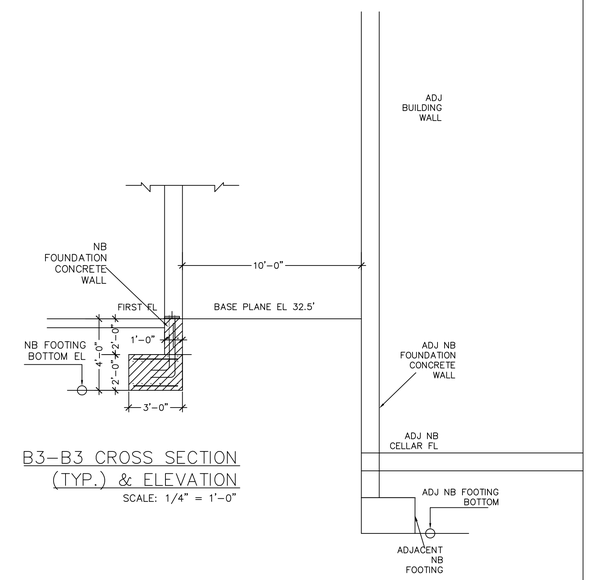

B3–B3 CROSS SECTION (TYP.) & ELEVATION
SCALE: 1/4" = 1'-0"

BLOCK	ZONING DISTRICT	MAP
9523	C2-2, R4	18A
LOT	**BOROUGH**	
5	QUEENS	

PROJECT
SITE: NB
102-16 LIBERTY AVENUE
QUEENS NY 11417

DRAWING
CELLAR, FIRST FLOOR
FLOOR PLAN, SECTION VIEW

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APPROVALS
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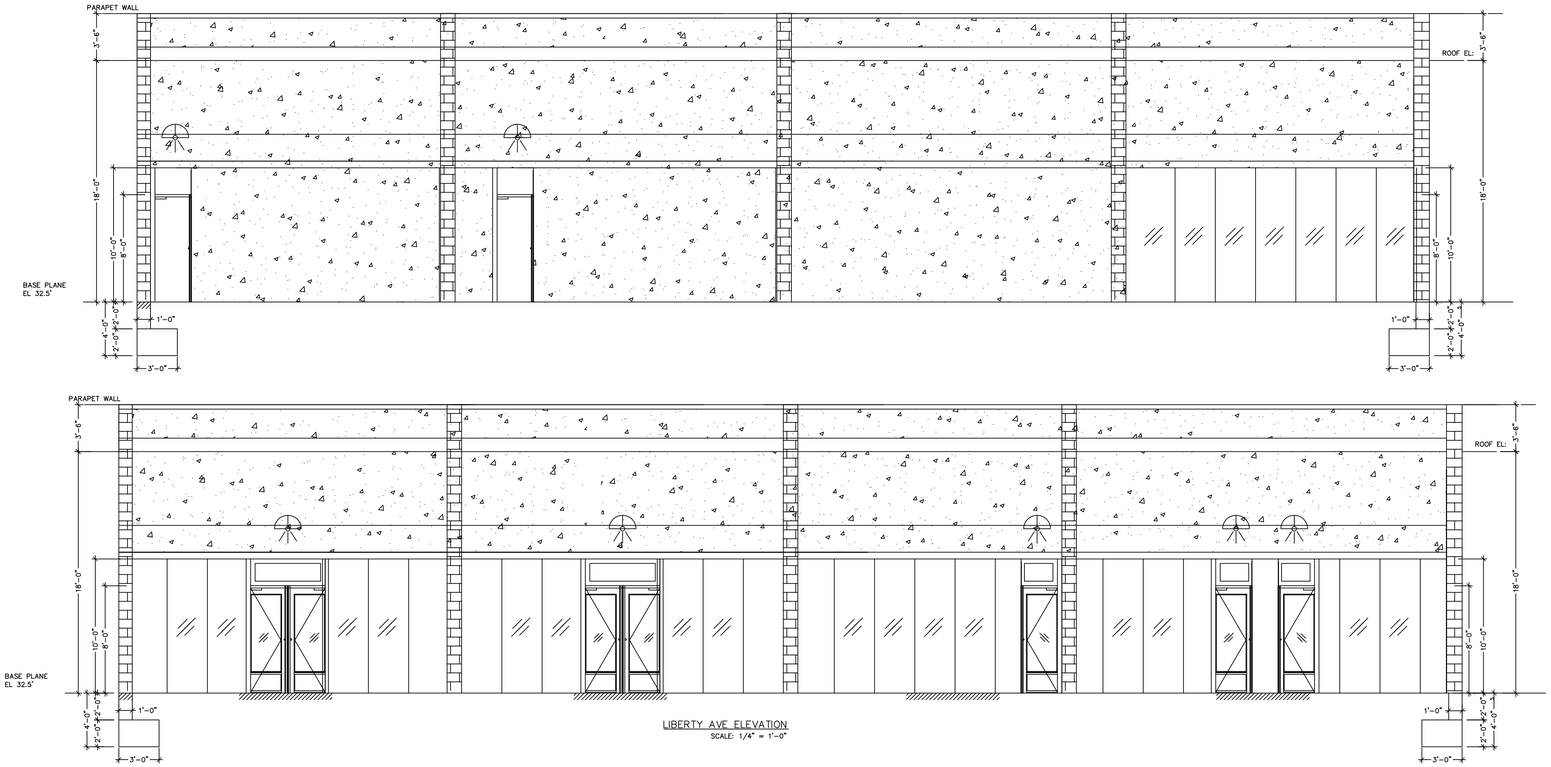
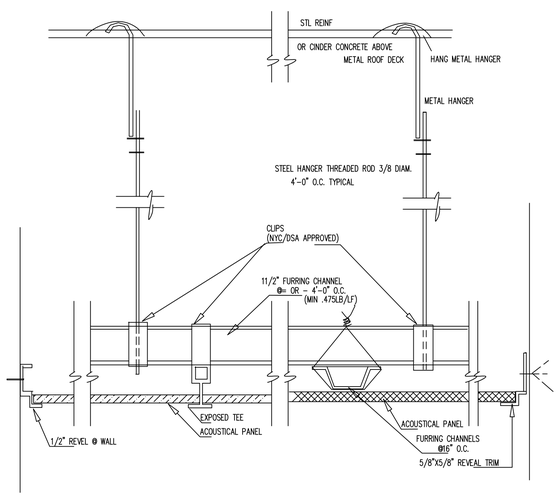
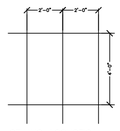


LIBERTY AVE ELEVATION
SCALE: 1/4" = 1'-0"



C-3 DETAIL FOR SUPPORTING DROP CEILING (TYP.)
N.T.S.



CEILING ACOUSTICAL PANEL
N.T.S.

CONSTRUCTION NOTES

1. DOORS MARKED F.P.S.C. SHALL BE AT LEAST 3/4 HOUR RATED
2. ALL FINISHES OVER .306 OF AN INCH IN THICKNESS SHALL COMPLY WITH SECTION C26-504.10 AND 5-4 AND RS 5-5 FOR FLAME SPREAD RATING OR BE APPROVED BY THE BOARD OF STANDARDS AND APPEALS.
3. ALL MATERIALS AND SERVICE EQUIPMENT WILL COMPLY WITH SECTION C26-106 AND C26-107 OF THE NEW YORK CITY BUILDING CODE.
4. THIS WORK IS IN COMPLIANCE WITH LOCAL LAWS #16, #5, AND #58.
5. FLOOR PLAN COMPLIES WITH ADA ACCESSIBILITY REQUIREMENTS SECT. 4.16 THRU 4. 19.6
6. GENERAL CONTRACTOR TO FOLLOW BUILDING RULES AND REGULATIONS WITH REGARD TO ALL DELIVERIES.
7. FILL IN AND/OR PATCH ALL HOLES IN CONCRETE FLOORING TO RECEIVE NEW FINISH MATERIALS.
8. ALL CONVECTORS SHALL BE PREPARED FOR PAINTING. SEE FINISH PLAN FOR COLOR.
9. EXISTING SLAB SHALL BE CLEAMED AND PREPARED TO RECEIVE NEW FINISHES.
10. EACH FLOOR ON WHICH CONSTRUCTION IS UNDERTAKEN MUST REMAIN IN SAFE WITH REGARD TO FIRE SAFETY FOR PERSONAL WORKING ON THE FLOOR, ALL FIRE STAIRS, ALARMS, SPEAKERS, ETC, MUST REMAIN ACCESSIBLE AND OPERABLE AT ALL TIMES.
11. ALL PUBLIC AREAS SUCH AS ELEVATOR LOBBIES, CORRIDORS, TOILETS AND SERVICE HALL BE PROTECTED WITH MASONITE AND CRAFT PAPER TO THE SATISFACTION OF THE PROJECT MANAGER ALSO SHOE WIPING MATS MUST BE PLACED AT ALL OPENINGS (WITHIN THE AREAS UNDER CONSTRUCTION AND PUBLIC AREAS MUST BE CONTINUOSLY KEFT CLEAN. EQUIPMENT AND OTHER PROPERTY BELONGING TO THE BUILDING SHALL ALSO BE PROTECTED, AND REFURBISHED IF DAMAGED DURING THE COURSE OF CONSTRUCTION TO THE SATISFACTION OF THE PROJECT MANAGER.
12. ALL EXISTING MASONLY CONSTRUCTION SUCH AS COLUMNS, PIERS, AND CORE PARTITIONS, WHERE DISTURBED DUE TO ADJACENT DEMOLITION ARE TO BE REPLACED AND REPAIRED WITH SAME MATERIAL BEFORE SHEETROCK IS APPLIED.
13. PARTITIONS SHALL NOT BE FASTENED OR BRACED TO DUCTWORK, CONDUIT OR PIPING.
14. WOODWORK, CABINETWORK, RAISED FLOORING AND FURNITUREPARTITIONS ALONG THE PERIMETER WALL OF THE BUILDING AT THE COMVECTOR COVER LOCATION MUST BE EASILY REMOVABLE AND MAINTAIN A PROPER DISTANCE TO ENSURE ADEQUATE AIR CIRCULATION AND ACCESS FOR MAINTANCE.
15. WALLS ABUTING MULLIONS SHALL WALL BOARD TERMINATE IN METAL TRIM FASTENED TO TERMINAL STUD ONLY, NOT TO WINDOW GLAZING BEADS.
16. FLOOR LOADING OF ALL EQUIPMENT, FURNITURE, TENANT CONSTRUCXTION, ETC. MAY NOT EXCEED THE STRUCTURAL CAPACITY OF THE BUILDING. IF FLOOR LOADING IS QUESTIONABLE, CWA MAY REQUIRE A LETTER, SIGNED AND SEALED, FROM STRUCTURAL ENGINEER STIPULATING THE SAFETY OF THE LOADING FLOOR.
17. PROVIDE WATERPROOF MEMBRANE IN ALL WET AREAS ON FLOOR AND 4" A.F.F. ON WALLS.
18. SPRAY PAINTING IS NOT PERMITTED, NO EXCEPTIONS.

BLOCK	ZONING DISTRICT	MAP
9523	C2-2, R4	18A

LOT	BOROUGH
5	QUEENS

PROJECT
SITE: NB
102-16 LIBERTY AVENUE
QUEENS NY 11417

DRAWING
FRONT, SIDE & REAR ELEVATION

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APPROVALS

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Marguerite Baril, RA
NYC Building
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Under Directive 2 of 1975
Date/Time: Jan 29, 2015 - 10:06 AM
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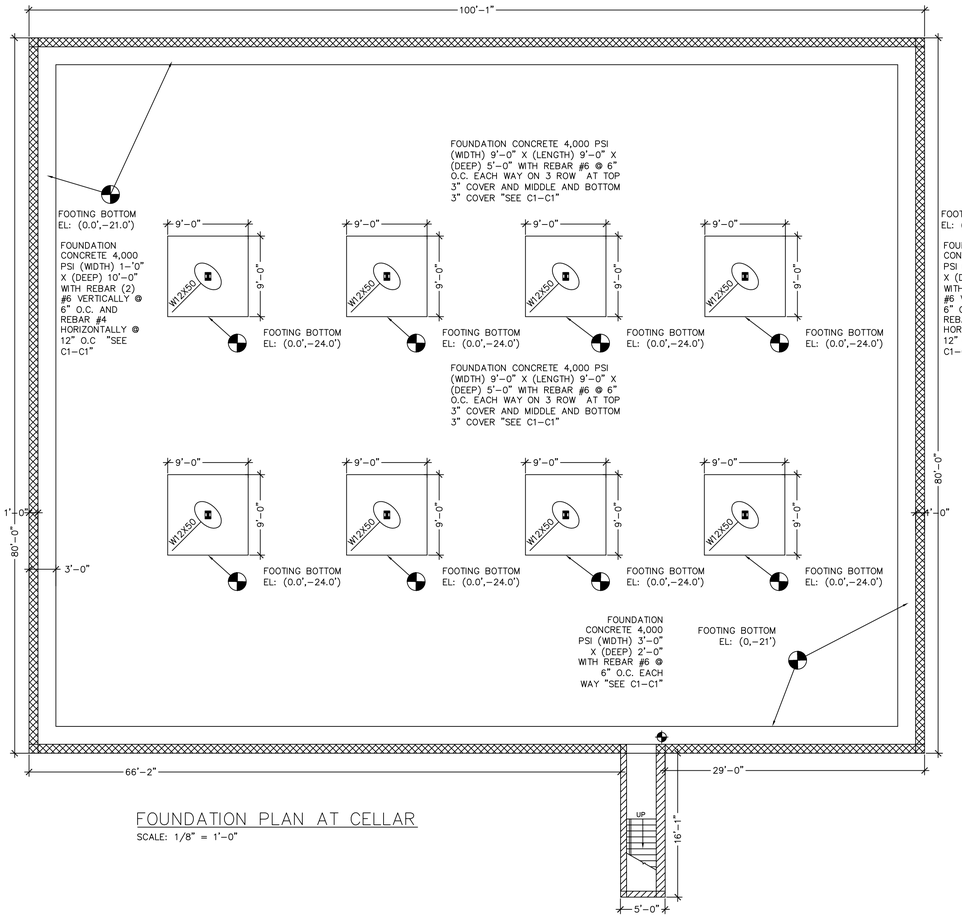
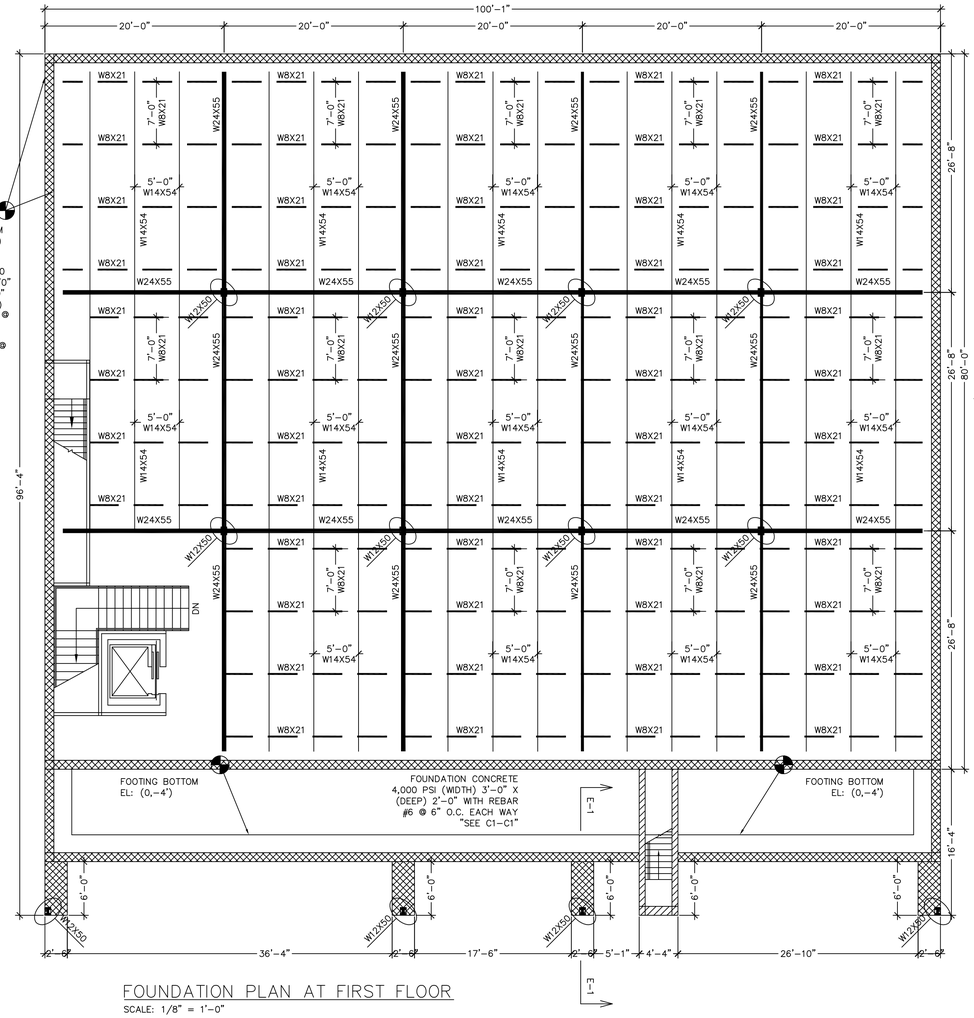
STATE OF NEW YORK
DAL H. CHUN
080675
LICENSED PROFESSIONAL ENGINEER

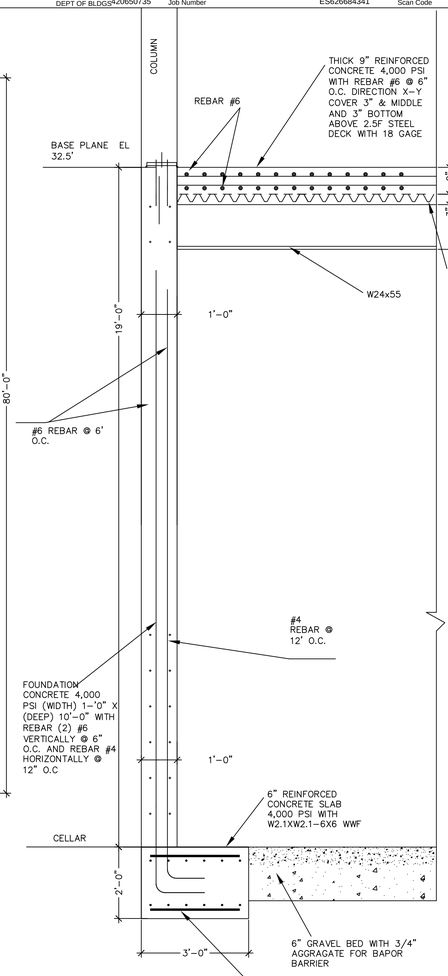
DATE	12-03-14
PROJECT NO.:	JB-492-02
DRAWING BY	DC
CHK BY	DC
DRAWING NO.:	A-004.01



FOUNDATION PLAN AT CELLAR
SCALE: 1/8" = 1'-0"

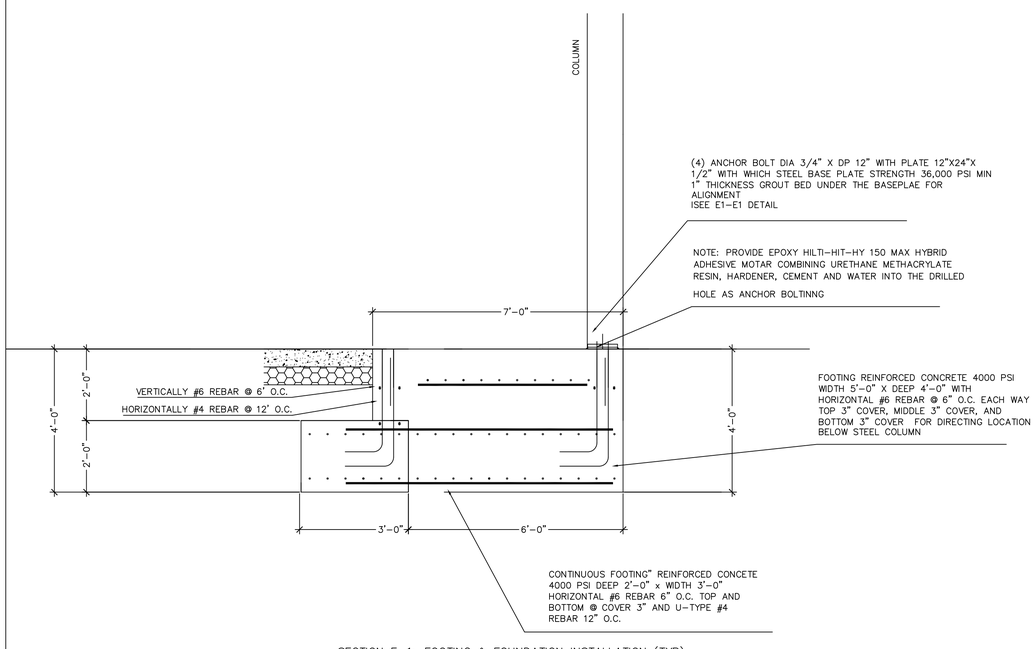


FOUNDATION PLAN AT FIRST FLOOR
SCALE: 1/8" = 1'-0"



FOOTING REINFORCED CONCETE 4000 PSI WIDTH 3'-0" X DEEP 2'-0" WITH HORIZONTAL #6 REBAR @ 6" O.C. EACH WAY TOP 3" COVER AND BOTTOM 3" COVER FOR DIRECTING LOCATION BELOW STEEL COLUMN

REINFORCED CONCRETE SLAB ON THE FIRST FLOOR & FOOTING ON CELLAR (TYP.)
SCALE 1/2" = 1'-0"



SECTION E-1: FOOTING & FOUNDATION INSTALLATION (TYP)
SCALE: 1/2" = 1'-0"

NOTE: FOUNDATION AND ADJOINING BUILDINGS MEMORANDUM DATED 12-05-86
THIS MEMORANDUM SUPPLEEMENTS DIRECTIVE #10 OF 1969.
EFFECTIVE IMMEDIATELY, ALL NEW BUILDING AND ALTERATION PLANS WHICH INCLUDE NEW FOUNDATIONS SHALL CONTAIN THE FOLLOWING INFORMATION:
1). A DESCRIPTION OF EXISTING FOUNDATIONS ON THE SAME OR ADJACENT LOTS WHICH WILL BE AFFECTED BY THE PROPOSEDWORK. THE DESCRIPTION SHALL INCLUDE THE ELEVATION, CONDITION, AND CONSTRUCTION OF THE FOUNDATION.
2). THE PLOT PLAN SHALL INCLUDE THE LOCATION OF ALL NEW AND EXISTING FOUNDATIONS, (ON THE SAME OR ADJACENT LOTS) AFFECTED BY THE PROPOSED CONSTRUCTION. THE PLANS SHALL ALSO CONTAIN A SECTIONAL VIEW THROUGH THE EXISTING AND PROPOSED FOUNDATIONS.
FOR THE PURPOSES OF THE ABOVE, EXISTING FOUNDATIONS WHICH ARE WITHIN 4'-0" OF THE PROPOSED FOOTING SHALL BE PRESUMED TO BE AFFECTED BY THE CONSTRUCTION. BEYOND THAT DISTANCE, APPLICANTS SHALL DETERMINE IF ADJACENT FOUNDATIONS ARE AFFECTED. BASED UPON THE DEPTH OF THE PROPOSED FOOTINGS.
IF THIS DATA DETERMINES THAT UNDERPINNING, SHEETING OR BRACING IS NECESSARY, DETAILS, IF USED, MUST BE APPRORIATELY MODIFIED AND DIMENTIONED.
THE CONTROLLED INSPECTION AMENDMENTS (FORM 10F) FOR THE ABOVE ITEMS MUST BE SUBMITTED PRIOR TO THE APPROVAL OF ANY APPLICATION FOR A PARTIAL PERMIT, E.G. EXCAVATION WORK OR FOUNDATIONS.

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BLOCK	ZONING DISTRICT	MAP
9523	C2-2, R4	18A

LOT	BOROUGH
5	QUEENS

PROJECT
SITE: NB
102-16 LIBERTY AVENUE
QUEENS NY 11417

DRAWING
CEL, FIRST FLOOR
FOUNDATION PLAN

SEAL
STATE OF NEW YORK · DAL H. CHUN · 080679 · LICENSED PROFESSIONAL ENGINEER

DATE	12-03-14
PROJECT NO.:	JB-492-02
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CHK BY	DC
DRAWING NO.:	FO-001.01

DEPT OF BLDGS 420650735 Job Number

ES447018691 Scan Code

CONCRETE NOTES:

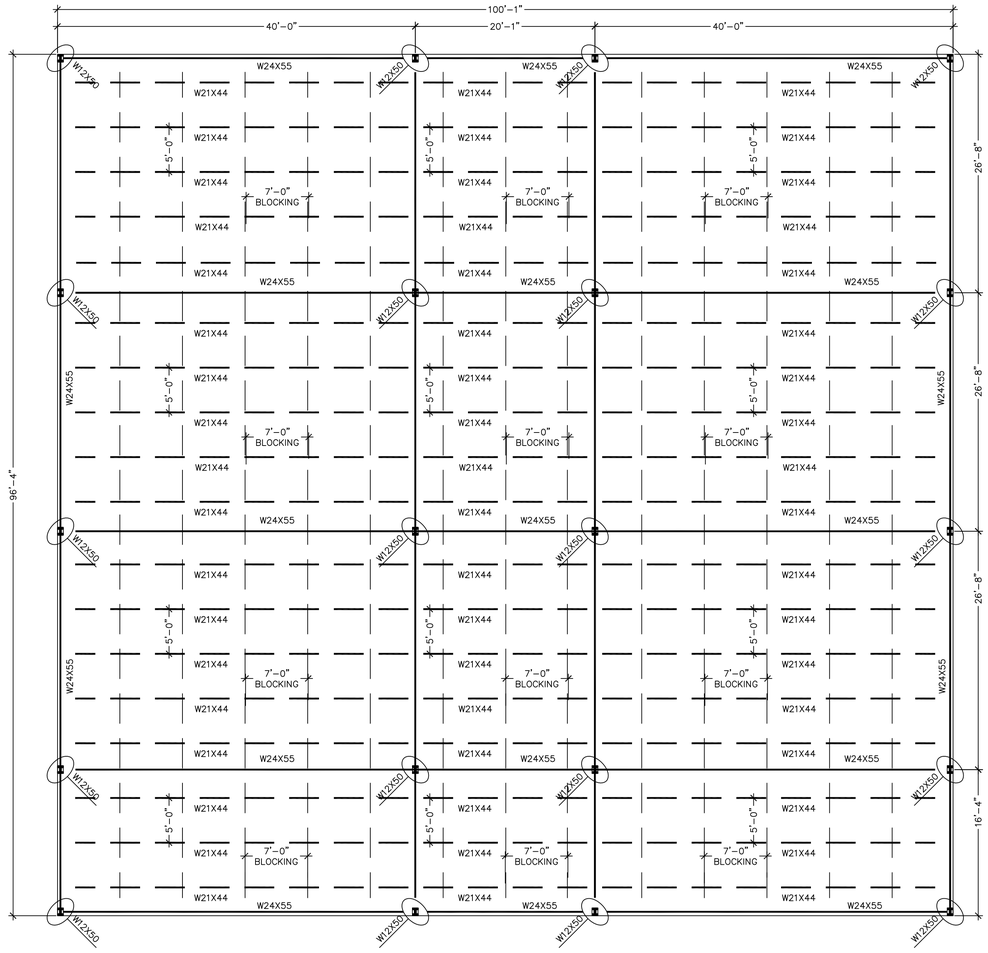
1. ALL CONCRETE WORK TO CONFIRM TO ACI BUILDING CODE (ACI 318) AND BE IN ACCORDANCE WITH THE MANUAL OF STANDARD PRACTICE FOR DETAILING OF REINFORCED CONCRETE STRUCTURES (ACI 315) AND SUB-ARTICLE 1004.0 OF THE NEW YORK CITY BUILDING CODE.
2. MINIMUM CONCRETE STRENGTHS @ 28 DAYS: f'c=3,000 P.S.I.
3. ALL REINFORCING BARS TO CONFIRM TO ASTM DESIGNATION A82 AND A185.
4. ALL SLABS SHALL BE FINISHED AS NOTED ON ARCHITECTURAL DRAWINGS.
5. ALL PLUMBING SLOTS TO BE FILLED WITH CONCRETE TO THE SAME DEPTH AS THE SLAB AFTER PIPING IS INSTALLED.
6. GROUT FOR STEEL COLUMN BASES TO BE NON-SHRINK.
7. NO HORIZONTAL CONSTRUCTION JOINTS WILL BE PERMITTED IN WALLS, BUTTRESSES, OR FOOTINGS.

STRUCTURAL STEEL NOTES

STRUCTURAL STEEL NOTES AS PER N.Y.C.B.C.

SUBCHAPTER 10 (STRUCTURAL WORK), ARTICLE 6 (STEEL), SECTIONS 27-614 TO 27-616, AND REFERENCE STANDARDS RS 10-5A, RS 10-5B, RS 10-6, RS 10-6A, RS 10-7.

1. ALL STRUCTURAL STEEL SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR STRUCTURAL STEEL FOR BUILDINGS. ASTM A572 SERIAL DESIGNATION OR DUAL CERTIFICATE ASTM A36/A572. THE MINIMUM GRADE OF THE STEEL SHALL BE 50 KSI. PLATES & ANGLES A36 GRADE 36 MIN. ALL STEEL PIPE IS TO BE ASTM A501 (Fy=36 ksi) OR ASTM A53, TYPES E OR S, GRADE B (Fy=35 KSI); STRUCTURAL TUBING IS TO BE ASTM A500, GRADE B (Fy=46 ksi); UNLESS NOTED OTHERWISE.
2. ALL DESIGN, FABRICATION, & ERECTION SHALL CONFORM TO THE LATEST AISC SPECIFICATION AND THE N.Y.C.B.CODE WITH THE N.Y.C.B.CODE GOVERNING.
3. ALL FRAMING DETAILS SHALL BE DESIGNED IN ACCORDANCE WITH THE LATEST AISC SPECIFICATION AND SHALL BE DESIGNED FOR FULL DEPTH, FULL STRENGTH CONNCETIONS, AND WHERE CALLED FOR FULL DEPTH CONNECTIONS SHALL INCULDE IN ADDITION TO FULL SHEAR STRENGTH, FULL MOMENT STRENGTH.
4. ALL WELDING SHALL BE IN ACCORDANCE WITH SECTION 27-616 [C26-1006.1] N.Y.C.B.C. AND THE RULES FOR ARC & GAS WELDING OF THE B.S.&A. A SEPARATE WELDING APPLICATION SHALL BE FILED BY THE CONTRACTOR BEFORE STARTING WORK.
5. CONTRACTOR SHALL FILE AN AFFIDAVIT OF THE PRODUCER OF THE STRUCTURAL STEEL CERTIFYING THAT THE STEEL MEETS THE REQUIREMENTS OF N.Y.C. DEPARTMENT OF BUILDINGS. THE FORMS ARE "STATEMENT AS TO QUALITY OF STRUCTURAL STEEL REQUIRED PRIOR TO PERMIT" (B FORM 20 SS) AND "STATEMENT AS TO QUALITY OF STRUCTURAL STEEL REQUIED FOR CERTIFICATE OF OCCUPANCY" (B FORM 24 SS).
6. ALL RIVETS AND BOLTS SHALL BE 3/4" DIAMETER UNLESS SPECIFIED OTHERWISE. ALL HOLES SHALL BE 13/16" DIAMETER AND SHALL BE PUNCHED OR SUB-PUNCHED AND REAMED OR DRILLED. BURNING OR DRIFTING OF HOLES SHALL NOT BE PERMITTED. BOLT MATERIAL SHALL CONFORM TO ASTM A325 OR ASTM A490.
7. ALL CONNECTIONS TO DEVELOP FULL STRENGTH OF THE MEMBER. STANDARD CONNECTIONS REQUIRE THAT THE FULL SHEAR STRENGTH OF THE FRAMING MEMBER BE FABRICATED. IF REQUESTED (USUALLY BY THE SYMBOL "MC") THE CONNECTION MUST ALSO DEVELOPE THE FULL MOMENT CAPACITY OF THE FRAMING MEMBER.
8. ALL SHOP CONNECTIONS TO BE RIVETED, BOLTED OR WELDED.
9. ALL BEARING ENDS OF COLUMNS AND STIFFENERS SHALL BE MILLED.
10. PROVIDE BRICK ANCHORS THROUGH WEBS OF BEAMS FOR ALL BEAMS RESTING ON MASONRY OR CONCRETE WALLS, PIERS, OR OTHER SIMILAR MATERIALS.
11. ALL STRUCTURAL STEEL SHALL BE PAINTED WITH ONE SHOP COAT OF RED LEAD PAINT, UNLESS NOTED OTHERWISE.
12. SETTING PLATES SHALL NOT BE USED. SET ALL BEAM AND COLUMN BEARING PLATES ON STEEL SHIMS OR USE LEVELING SCREWS ATTACHED TO THE PLATE WITH NUTS WELDED TO THE EDGE OF THE PLATE. AFTER STEEL FRAME IS PLUMBED AND BOLTS ARE ALL TIGHT, PLACE GROUT UNDER BEARING PLATES AS SHOWN.



STRUCTURAL FRAMING PLAN BETWEEN FIRST FL & ROOF FL.

SCALE: 1/8" = 1'-0"

STRUCTURAL DESIGN LIVE LOADS FLLOR ROOF GROUND SNOW BASIC WNG SPEED SEISMIC DESIGN CATEGORY AND SITE CLASS AS PER BC 1603.1

LIVE LOAD			
FLOOR	DESIGN LIVE LOAD (LB/SF)	PROPOSED LIVE LOAD (LB/SF)	
CELLAR	100	100	
FIRST FLOOR	100	100	
ROOF	30	30	
ON GROUND	600	600	

SNOW LOAD			
FLOOR	DESIGN SNOW LOAD (LB/SF)	PROPOSED SNOW LOAD (LB/SF)	
ROOF	30	30	
ON GROUND	600	600	

WING SPEED			
FLOOR	DESIGN WING SPPED (MPH)	PROPOSED WING SPPED (MPH)	
ENTIRE BUIDING	90	90	

SEISMIC DESIGN CATYAGORY AND SITE CLASS			
FLOOR	SEISMIC	SITE CLASS	
ENTIRE BUIDING	1	C	

THE SEISMIC NOTES:

(1). GENERAL: THE DESIGN AND CONSTRUCTION OF CONCRETE COMPONENTS THAT RESIST SEISMIC FORCES SHALL CONFORM TO THE REQUIREMENTS OF SECTION BC 1910 AND TO ACI 318 AS MODIFIED BY SECTION 1908

(2). CLASIFICATION OF SHEAR WALLS: STRUCTURAL CONCRETE SHEAR WALLS THAT RESIST SEISMIC FORCES SHALL BE CLASSIFIED IN ACCORDENCE WITH SECTION 1920.2.1 THROUGH 1910.2.4

(3). SEISMIC DESIGN CATEGORY B: STRUCTURES ASSIGNED TO SEISMIC DESIGN CATEGORY B, AS DETERMINED IN ACCORDENCE WITH SECTION 1616 SHALL CONFORM TO THE REQUIREMENTS FOR SEISMIC DESIGN CATEGORY A AND TO THE ADDITIONAL REQUIREMENTS FOR SEISMIC DESIGN CATEGORY B OF SECTION 1910.3.1.1

(4). SEISMIC DESIGN CATEGORY DESIGN C: SEISMIC ASSIGNED TO SEISMIC DESIGN CATEGORY C, AS DETERMINED IN ACCORDANCE WITH SECTION 1616, SHALL CONFORM TO THE REQUIREMENTS FOR SEISMIC DESIGN CATEGORY B AND TO THE ADDITIONAL REQUIREMENTS FOR SEISMIC DESIGN CATEGORY C OF THE SECTION 1910.4.1 THROUGH 1910.4.3

(5). SEISMIC DESIGN CATEGORY D: STRUCTURES ASSIGNED TO SEISMIC DESIGN CATEGORY D, AS DETERMINED IN ACCORDANCE WITH SECTION 1616, SHALL CONFORM TO THE REQUIREMENTS FOR SECTION DESIGN CATEGORY C AND TO THE ADDITIONAL REQUIREMENTS OF SECTION 1910.5.1 AND 1910.5.2

THE EARTHQUAKE NOTES:

THE EARTHQUAKE CODE, LOCAL LAW #17/95, WAS PROMULGATED FOR NEW CONSTRUCTION; IT DOES NOT AFFECT AN ALTERATION WHERE THERE IS NO ENLARGEMENT OF THE EXISTING STRUCTURE, WHEN PROPOSED WORK INCLUDES AN ENLARGEMENT OF THE EXISTING STRUCTURE, COMPLIANCE WITH LOCAL LAW #17/95 IS REQUIRED WHEN NEW FOUNDATIONS ARE CONSTRUCTED OR WHEN EXISTING FOUNDATIONS ARE REINFORCED TO #27-119 OF THE CODE, WITHIN ANY TWELVE MONTH PERIOD, UNLESS A WAIVER IS GRANTED BY THE COMMISSIONER.

NOT WITHSTANDING THE ABOVE, A SEPARATION SHALL BE PROVIDED BETWEEN ANY EXISTING ADJOINING BUILDING AND ANY NEW BUILDING OR THE HORIZONTAL OR VERTICAL ENLARGEMENT OF A EXISTING BUILDING; PURSUANT TO #2312(h)2.K OF RS 9-6.

WHEN COMPLIANCE WITH RS 9-6 IS REQUIRED, CONSIDERATION MUST BE GIVEN TO THE INTERFACE BETWEEN THE EXISTING AND ENLARGED PORTION OF THE BUILDING. IF A SEISMIC JOINT (SEPARATION) IS UTILIZED, THEN ONLY THE NEW CONSTRUCTION MUST COMPLY WITH RS 9-6.

WHEN NO SEISMIC JOINT IS PROVIDED, THE COMPUTED FORCES OF THE ENTIRE PROPOSED STRUCTURE (EXISTING BUILDING PLUS THE PROPOSED ENLARGEMENT), MUST BE COMPARED TO THE COMPUTED FORCES FOR EXISTING PORTION ALONE. THE FORCES REFERRED TO HEREIN ARE EITHER BASE SHEAR OR OVERTURNING MOMENT. IF THE INCREASE IN ANY SEISMIC FORCE RESULTING FROM THE ENLARGEMENT INCREASE BY MORE THAN 20 %, THEN THE DESIGN FORCE SHALL BE THE LESSER OF THE FOLLOWING:

1. TWO (2/3) OF THE COMBINED FORCE RESULTING FROM THE COMBINATION OF THE NEW AND EXISTING CONSTRUCTION BUT NOT LESS THAN THE SEISMIC FORCE RESULTING FROM CONSIDERATION OF ONLY THE NEW CONSTRUCTION.
2. TWICE THE SEISMIC FORCE RESULTING FROM CONSIDERATION OF ONLY THE NEW CONSTRUCTION.

THIS DESIGN FORCE SHALL BE RESISTED BY EITHER THE ENLARGEMENT ALONE OR A COMBINATION OF THE EXISTING BUILDING AND ENLARGEMENT, DEPENDING ON THE DESIGN PROFESSIONAL'S CHOICE OF THE LOAD REISSTING SYSTEM AND FORCE DISTRIBUTION.

BLOCK	ZONING DISTRICT	MAP
9523	C2-2, R4	18A
LOT	**BOROUGH**	
5	QUEENS	

PROJECT

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QUEENS NY 11417

DRAWING

FIRST FLOOR
STRUCTURAL PLAN

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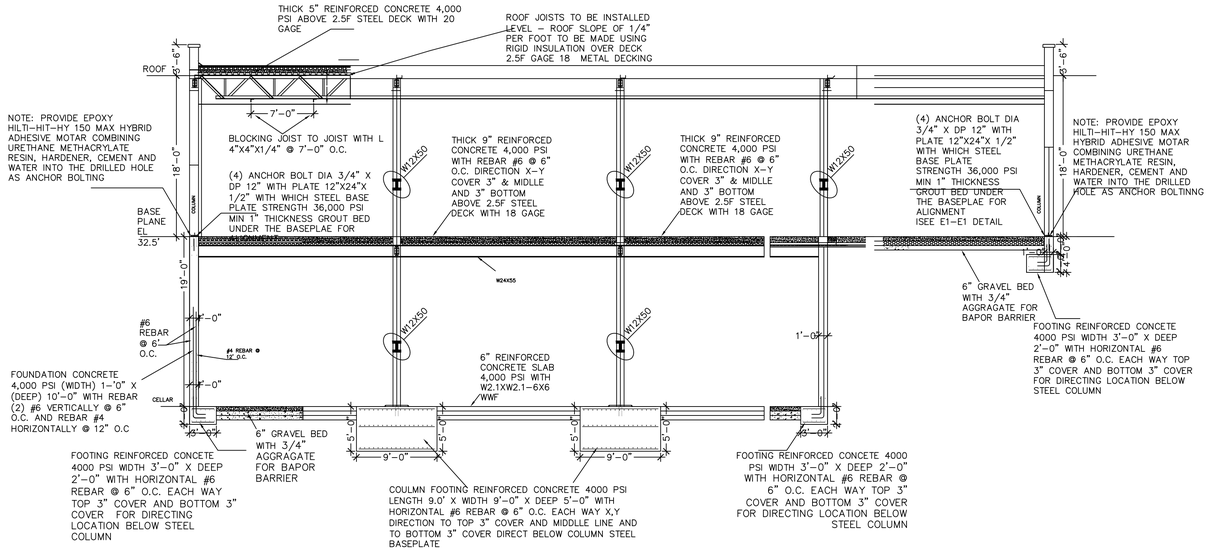
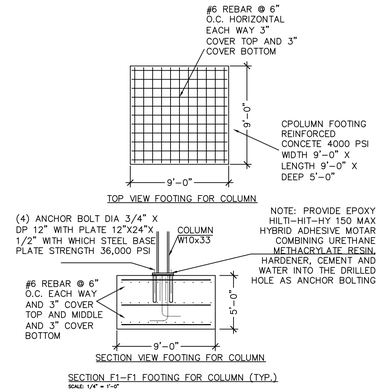
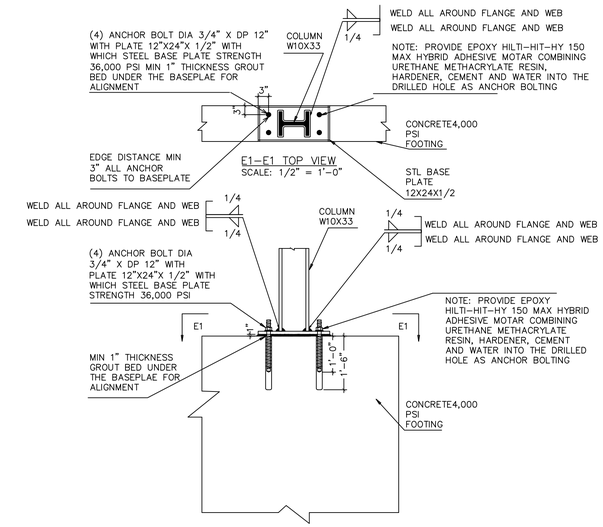


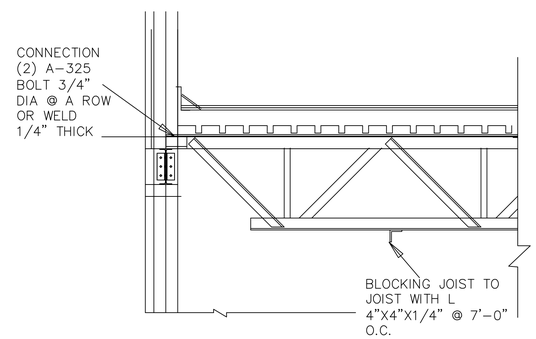
SECTION VIEW DETAIL STRUCTURE FRAMING AND ELEVATION (TYP.)
SCALE: 1/8" = 1'–0"



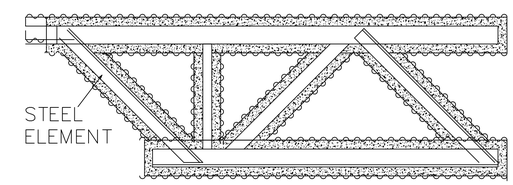


ANCHORING SECTION VIEW TYP. DETAIL
SCALE: 1/2" = 1'–0"

3 HR – SPRAY ON FIRE PROTECTION
STRUCTURAL ELEMENTS TO BE SPRAY ON 3 HR FIRE PROTECTED INTERNATIONAL PROTECTIVE COATINGS IBC MEA #124–89–E



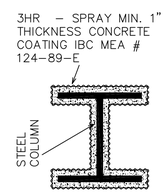
DETAIL V–JOIST INSTATION (TYP)
SCALE: 3/8" = 1'–0"



V JOIST FIRE PROTECTION:
N.T.S.
3 HR FIRE RATED

TABLE 720.1 (1)
MIN. PROTECTION OF STRUCTURAL PARTS BASED FOR VARIOUS NONCOMBUSTIBLE INSULATING MATERIALS

STRUCTURAL PARTS TO BE PROTECTED	INSUALTING MATERIAL USED	MIN THICKNESS OF INSULATION MATERIAL FOR FIRE RESISYTRATION PERIOD (INCHES)			
		4 HRS	3 HRS	2 HRS	1 HRS
COLUMN	SILICEOUS AGGREGATE CONCRETE AND CONCRETE	2–1/2	2	1	1
	4" HOLLOW CLAY TILE IN 2" LAYERS 1/2" MOTAR BETWEEN TILE AND COLUMN: ⅜" METAL MESH WIRE DIAMETER IN HORIZONTAL JOINTSS TILE FILL	4	–	–	–
	2" HOLLOW CLAY TILE ¾" MOTAR BETWEEN TILE AND COLUMN: ⅜" METAL MESH WIRE DIAMETER IN HORIZONTAL JOINTS: LIME STONE CONCRETE FILL PLASTERED WITH ¾" GYPSUM PLASTER	–	–	2	–
	2" HOLLOW CLAY TILE WITH OUTSIDE WIRE TIES 0.08" DIAMETER AT EACH COURSE OF TILE WITH OR WITHOUT CONCRETE FILL ¾" MOTAR BETWEEN TILE AND COLUMN	–	–	–	2
	THREE LAYERS OF ⅝" TYPE "X" GYPSUM WALL BOARD "FIRST AND SECOND LAYER HELD IN PLACE BY ⅛" DIAMETER BY 1–3/8" LONG RING SHANK NAILS WITH 5/16" DIAMETER HEADS SPACE 24" ON CENTER AT CORNER. MIDDLE LAYER ALSO SECURED WITH METAL STRAPS AT MID–HEIGHT AND 18" FROM EACH END, AND BY METAL CORNER BEAD AT EACH CORNER HELD BY THE METAL STRAPS. THIRD LAYER ATTACHED BY CORNER BEAD WITH 1" LONG GYPSUM WALL BOARD SCREWS SPACES 12" ON CENTER	2–1/2	2	1	1
WEBS OR FLANGES OF BEAM OR DECK	SILICEOUS AGGREGATE CONCRETE AND CONCRETE	2–1/2	2	1–1/2	1
	TWO LAYERS OF ⅝" TYPE "X" GYPSUM WALL BOARD ARE ATTACHED U–SHAPED BRACKETS APACED 24" ON CENTER 0.018" THICK NO 25 CARBON SHEET STEEL GAGE	–	–	1–1/4	–



COLUMN FIRE PROTECTION:
N.T.S.
3 HR FIRE RATED

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PROJECT
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QUEENS NY 11417

DRAWING
FIRST FLOOR
STRUCTURAL PLAN

SEAL
STATE OF NEW YORK · DAL H. CHUN · 080675 · LICENSED PROFESSIONAL ENGINEER

DATE	12-03-14
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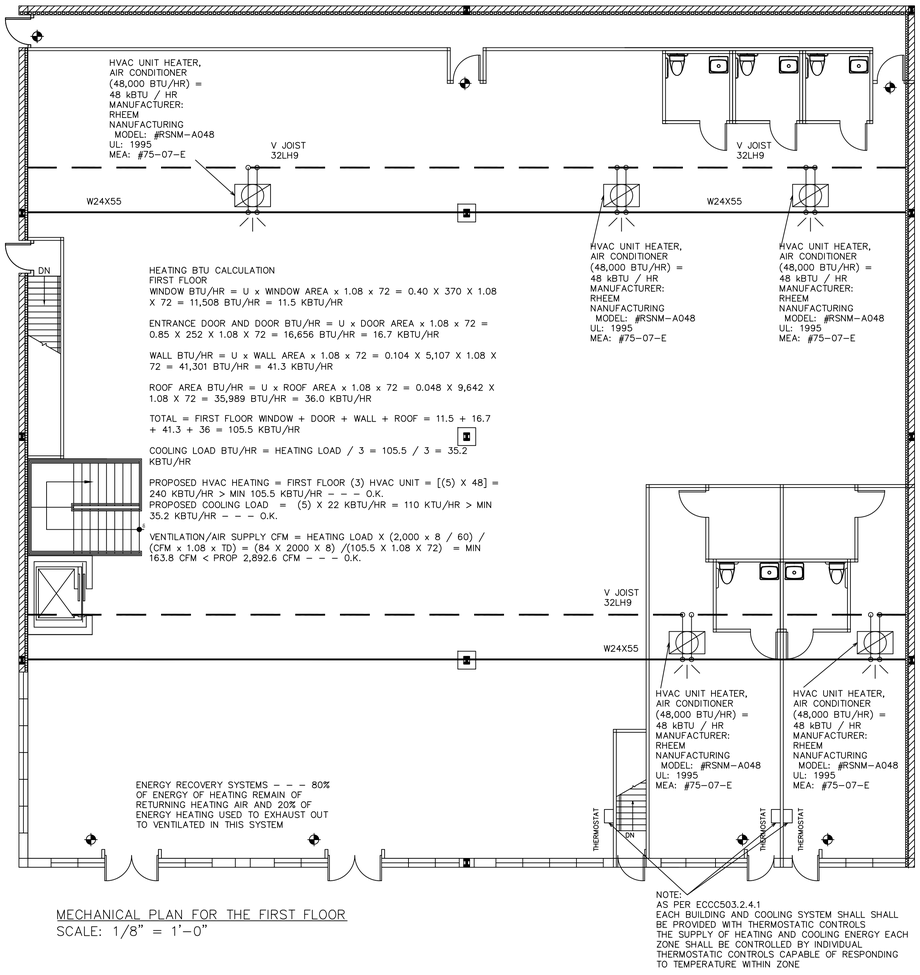


MECHANICAL PLAN FOR THE FIRST FLOOR
SCALE: 1/8" = 1'-0"

U FACTOR TO BUILDING ENVELOP REQUIREMENTS FENESTRATION AS TABLE 502.1.2 & 502.3

	DESCRIPTION	4
U FACTOR	ROOF	0.48
U FACTOR	CEILING FLOOR	0.087
U FACTOR	ENTRANCE DOOR U FACTOR	0.85
U FACTOR	WINDOW	0.40
U FACTOR	WALL	0.104

NOTE: AS PER ENERGY CODE 503.2.9.3 - -- AN OPERATING AND MAINTENANCE MANUAL IS TO BE PROVIDED TO THE BUILDING OWNER BY THE MECHANICAL CONTRACTOR

NOTE: AS PER ENERGY CODE 504.3 - -- NOTIFICATION TO INDICATE THE SET POINT TEMPERATURE CONTROLS FOR , 110 DEG FAHRENHEIT FOR DWELLINGS , FOR 90 DEG FAHRENHEIT COMMERCIAL BUILDINGS OR OTHER

NOTE:
INSULATION DUCT INSIDE BUILDING - - - R-5 INSULATION
INSULATION DUCT OUTSIDE BUILDING - - - R-8 INSULATION
MIN PIPING INSULATION HOT WATER PIPING NOMINAL PIPE DIAMETER
<= PIPING SIZE 1.5" INSULATION THICKNESS 1.5"
> PIPING SIZE 1.5" INSULATION THICKNESS 2.0"

NOTE:
AS PER ECCC503.2.4.1
EACH BUILDING AND COOLING SYSTEM SHALL SHALL BE PROVIDED WITH THERMOSTATIC CONTROLS
THE SUPPLY OF HEATING AND COOLING ENERGY EACH ZONE SHALL BE CONTROLLED BY INDIVIDUAL THERMOSTATIC CONTROLS CAPABLE OF RESPONDING TO TEMPERATURE WITHIN ZONE

NOTE:
AS PER FIRE CODE 504.4
COMPLIANCE WITH FIRE CODE 504.4 ROOF TOP ACCESS AND OBSTRUCTIONS. THE ROOF TOPS OF BUILDINGS 100 FT OR LESS IN HEIGHT EXCEPT ROOFTOPS WITH SLOPE ECXCEEDING 20% FROM THE HORIZONTAL SHALL BE MAINTAINED IN A MANNER THAT AVOID OR MINIMIZES OBTRUCTIONS TO ACCESS FOR FIREFIGHTING OPERATIONS. FOR PURPOSES OF THIS SECTION ONLY "ROOFTOP" SHALL INCLUDE ROOFTOPS OF SETBACK AND OBTRUCTION SHALL MEAN ANY FIXTUREOR OTHER THAN IS NOT READILY MOVEABLE BY A PERSON WITHOUT THE USE OF TOOLS OR EQUIPMENT INCLUDING AIR CONDITIONING SYSTEMS, BILLBOARD AND OTHER SIGNS CELLULAR ANTENNA EQUIPMENT COOLING TOWERS FUEL OIL STORAGE TAMKS, GENERATORS, HEATING SYSTEMS PLANTERS SOLAR PANNELS VENTILATION SYSTEM DUCT INTAKES AND EXHAUST AND WINDOW CLEANING EQUIPMENT BUT SHALL NOT INCLUDE NON METALLIC DECKING

HVAC UNIT HEATER, AIR CONDITIONER GAS FIRED - CAPACITY AND EFFFICENCY AND SPECIFICATION AND TABLE 503.2.3.(4) & (1)

EQUIPMENT TYPE						
HVAC - UNIT HEATER, AIR CONDITIONER GAS FIRED	PROP SIZE CAPACITY	SIZE CAPACITY	SUBCATAGORY OR RATING CONDITION	MIN EFFICIENCY (REQUIRED)	PROP EFFICIENCY	TEST PROCEDURE
HVAC - UNIT HEATER, AIR CONDITIONER GAS FIRED	PROP 48,000 BTU/HR	ALL CAPACITY	MAX CAPACITY	80 % Ec	80 % Ec	ANSI Z83.8
AIR CONDITIONER - AIR COOLED -CONDENSING UNIT	PROP 22,000 BTU/HR < 65,000 BTU/HR	< MAX 65,000 BTU/HR	SPLIT SYSTEM	13.0 SEER	13.0 SEER	AHRI-210/240

STORAGE WATER HEATERS GAS FIRED - CAPACITY AND EFFICIENCY AND SPECIFICATION AND TABLE 504.2

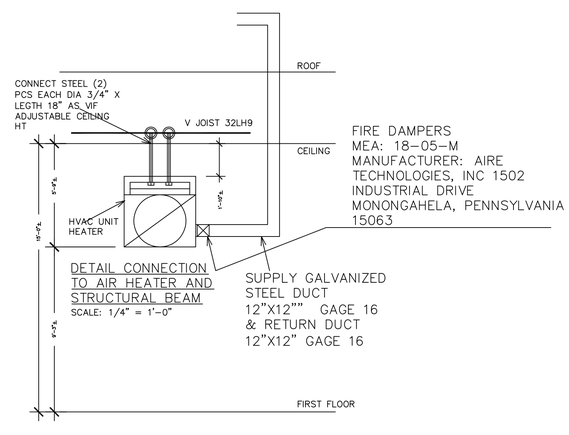
EQUIPMENT TYPE	SIZE CAPACITY	SUBCATAGORY OR RATING CONDITION	MIN EFFICIENCY (REQUIRED)	PROP EFFICIENCY	TEST PROCEDURE	MANUFACTURER	MODEL	UL OR MEA
STORAGE WATER HEATER GAS FIRED	PROP 48,000 ≤ MAX 75,000 BTU/H	PROP 50 GAL ≥ MIN 20 GAL	0.67-0.0019V, EF	0.67	DOE 10 CEFR, PART 430	A. O. SMITH	PG5150-50	UL 12100 MEA #87-88-E

AIR RESOURCES NOTE:
1. UPON COMPLETION OF THE VENTILATION SYSTEM AND AIR RESOUCES SYSTEM, A TEST WILL BE MADE IN THE PRESENCE AND UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, QUALIFIED TO CONDUCT SUCH TESTS, OR OTHER PERSON HAVING NOT LESS THAN 5 YEARS EXPERIENCE SUPERVISING INSTALLATION OF VENTILATING AND AIR RESOUCES SYSTEMS AND QUALIFIED TO CONDUCT SUCH TESTS THE TEST SHALL SHOW COMPLIANCE WITH THE CODE REQUIREMENTS FOR VENTILATING OR AIR RESOURCES AND THE PROPER FUNCTIONING OF ALL OPERATING DEVICES BEFORE SYSTEM IS APPROVED
2. PROVIDE NATURAL VENTILATION MIN. 144 SQUARE INCHES
3. AIR RESOUCES DUCT OR AROUND INTAKE AREA SHALL FREE AND CLEAR OF ALL DEBRIS AND SHALL NOT BE USED FOR STORAGE OF ANY MATERIALS OR PRODUCTS

MECHANICAL VENTILATION NOTES

1. UPON COMPLETION OF THE VENTILATION SYSTEM, A TEST WILL BE MADE IN THE PRESENCE AND UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, QUAFIED TO CONDUCT SUCH TESTS, OR OTHER PERSON HAVING NOT LESS THAN 5 YEARS EXPERIENCE SUPERVISING INSTALLATION OF VENTILATING SYSTEMS AND QUALIFIED TO CONDUCT SUCH TESTS. THE TEST SHALL SHOW COMPLIANCE WITH THE CODE REQUIREMENTS FOR VENTILATING AND THE PROPER FUNCTIONING OF ALL OPERATING DEVICES BEFORE SYSTEM IS APPROVED. KITCHENETTES TO HAVE ARCH, 12" DROP FROM CEILING.
2. THE LICENSED PROFESSIONAL ENGINEER OR OTHER QUALIFIED PERSON WHO CONDUCTS SUCH TEST SHALL FILE A CERTIFICATE AS TO WHETHER TEST SHOWS THAT THE RATE OF AIR SUPPLY AND EXHAUST COMPLIES WITH THE REQUIREMENTS OF THE CODE; PERTAINING TO VENTILATION. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO HAVE A TEST MADE BY A COMPETENT PARTY AND TO PROVIDE A CERTIFICATE OF FITNESS.
3. A STATEMENT SHALL BE FILED BY THE OWNER. THAT THE SYSTEM OF VENTILATION WILL BE KEPT IN CONTINUOUS OPERATION AT ALL TIMES DURING THE NORMAL OCCUPANCY OF THE STRUCTURE AS PROVIDED IN THE APPLICABLE LAWS AS FILED BY THE LICENSED PROFESSIONAL ENGINEER OR OTHER QUALIFIED PERSON WHO CONDUCTED THE TEST OF THE SYSTEM AND NOT UNTIL THE STATEMENT OF THE OWNER IS FILED.
4. KITCHENETTES TO HAVE #18 GAUGE GALVANIZED METAL VENT DUCTS WITH ANGLE IRON SUPPORTS AND WITH ADJACENT REGISTERS AND FUSE LINK DAMPERS AT EACH KITCHENETTE. ELECTRICAL EXHAUST FAN 1/20 H.P. CAPABLE OF EXHAUSTING SIX (6) CHANGES AIR PER HOUR IN METAL FAN HOUSING AT ROOF DUCTS TO BE 144 SQ. INCH MINIMUM. FAN TO RUN CONTINUOUSLY.
5. ALL INTERIOR BATHROOMS TO HAVE A MINIMUM OF 144 SQ. INCH DUCT 24 GAUGE (WITH ANGLE IRON SUPPORT) G.I. METAL 8" MINIMUM WIDTH. FIREPROOF WITH 2 LAYERS OF 1/2" PLASTERBOARD TAPED JOINTS, ADJACENT REGISTERS AND FUSE LINK DAMPERS (APPROVED TYPE) AT EACH BATHROOM. ELECTRIC EXHAUSTING FAN IS METAL FAN HOUSING AT ROOF CAPABLE OF EXHAUSTING FOUR (4) AIR CHANGES PER HOUR. FAN TO RUN CONTINUOUSLY FROM 6:00 A.M. TO 12 MIDNIGHT.
6. NO NUISANCE OF NOISE OR VIBRATION WILL BE CREATED BY VENTILATING MOTORS.

NOTES:
HEATING SYSTEMS
AS PER BC 1704.23 - - - SPECIAL INSPECTION SHALL BE REQUIRED FOR NEW AND ALTERED BOILERS AND HEATING SYSTEMS.
ALL BOILERS AND HEATING SYSTEMS, INCLUDING CHIMNEY CONNECTORS, SHALL BE INSPECTED FOR COMPLIANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS.
NEW HEATING SYSTEMS SHALL BE TESTED IN ACCORDANCE WITH SECTION 1011 OF THE NEW YORK CITY MECHANICAL CODE
ALTERATIONS TO HEATING SYSTEMS SHALL BE SUBJECTED TO APPLICABLE TESTS FOR THE ALTERED PRTIONS OF THE SYSTEM AND TO VERIFICATION OF ITS SATISFACTORY OPERATION WITHIN THE EXISTING SYSTEM.



DETAIL CONNECTION TO AIR HEATER AND STRUCTURAL BEAM
SCALE: 1/4" = 1'-0"

BLOCK	ZONING DISTRICT	MAP
9523	C2-2, R4	18A
LOT	BOROUGH	
5	QUEENS	

PROJECT
SITE: NB
102-16 LIBERTY AVENUE
QUEENS NY 11417

DRAWING
FIRST FLOOR
MECHANICAL PLAN

NOTE:
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VENTILATION CALCULATION

ROOM OF NATURAL VENTILATION AS BC 1203.4.1.1.1 AND MECHANICAL VENTILATION AS MECHANICAL CODE TABLE 403.2							
SPACE	FLOOR	TYPE OF SPACE	FLOOR AREA (SQ. FT.)	VENTILATION ROOMS WITH NATURAL VENTILATION MIN. OPENNGS AS BC 1203.4.1.1.1		MECHANICAL VENTILATION AS MECHANICAL CODE TABLE 403.2	
				MIN. OPENABLE AREA TO OUT DOORS 0.04 X FLOOR AREA OF THE OCCUPIABLE SPACES	PROVIDE OPENABLE AREA (SF)	SUPPLY = 0.30 CFM/SF² (CFM)	PROVIDE MECHANICAL VENTILATION
OFFICE	FIRST	MV	9,642	9,642 X 0.04 = 385.68 SF OPENABLE	N/A	9,642 X 0.3 = 2,892.6	2,892.6

WNV = WITH NATURAL VENTILATION
WONV = WITHOUT NATURAL VENTILATION
ACR = AIR CONDITIONED ROOM
MV = MECHANICAL VENTILATION
N.R. = NOT REQUIRED
N/A = NOT APPLICABLE
* = VENTILATED ROOMS WITH NATURAL VENTILATION OPENINGS

PROPOSED TOTAL VENTILATION = 1,568.4

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DOB
JOB NO #

Marguerite Baril, RA
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Under Directive 2 of 1975
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DATE	12-03-14
PROJECT NO.:	B-492-02
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DRAWING NO.:	M-001.01

12 OF 19

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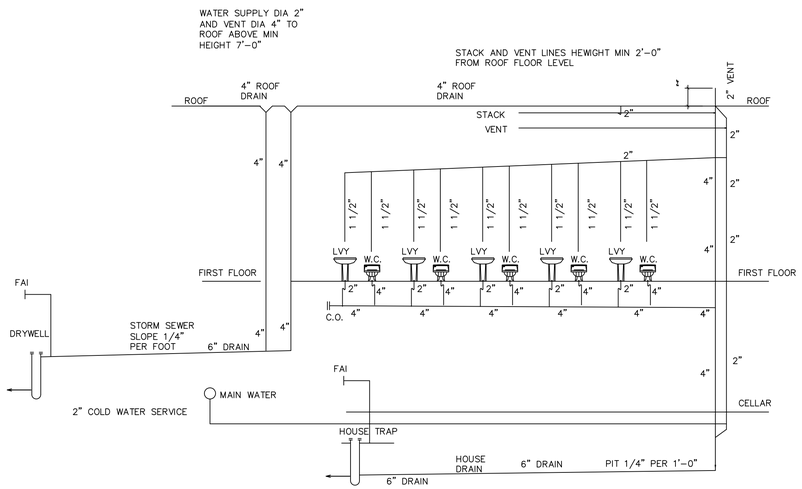
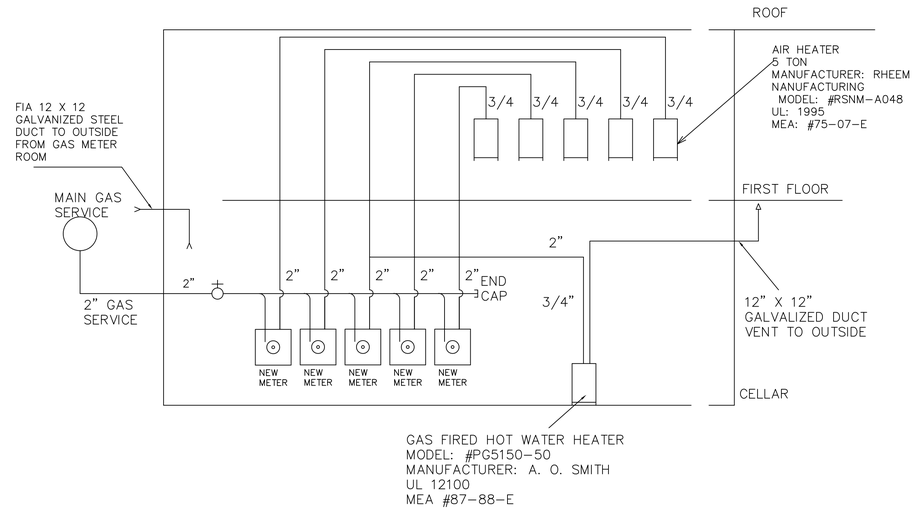
ES433697676 Scan Code



PLUMBING RISER DIAGRAM
N.T.S.



GAS RISER DIAGRAM
N.T.S.

BLOCK	ZONING DISTRICT	MAP
9523	C2-2, R4	18A

LOT	BOROUGH
5	QUEENS

PROJECT

SITE: NB
102-16 LIBERTY AVENUE
QUEENS NY 11417

DRAWING

CELLAR, FIRST FLOOR
PLUMBING PLAN

NOTE:

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DATE	05-29-14
PROJECT NO.:	JB-492-02
DRAWING BY	DC
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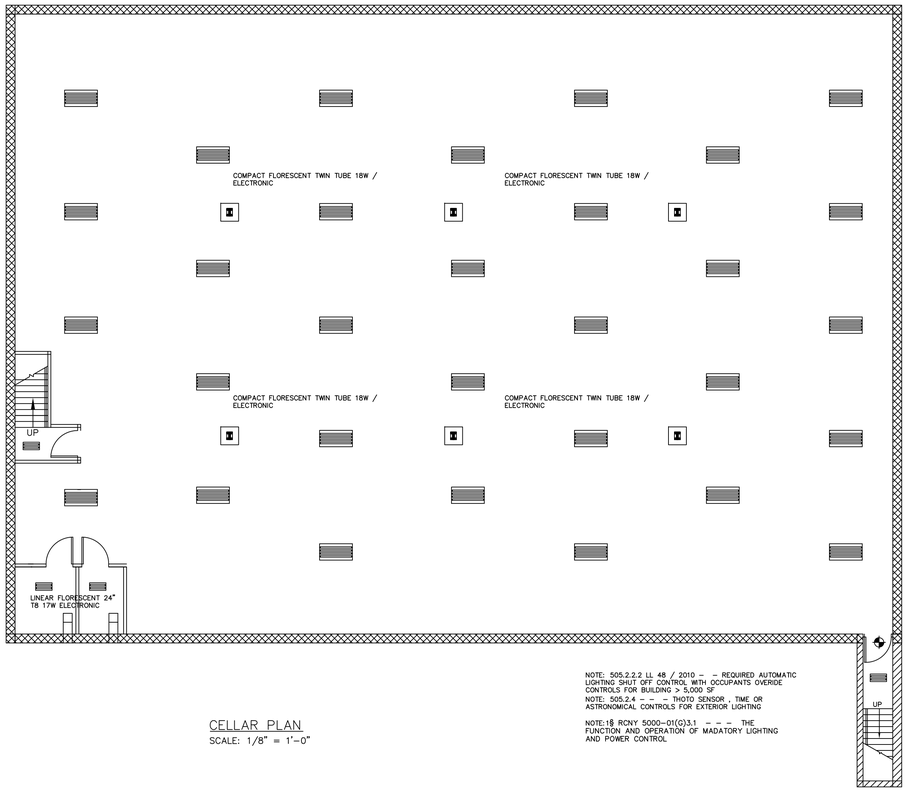
DRAWING NO.:	P-002.01

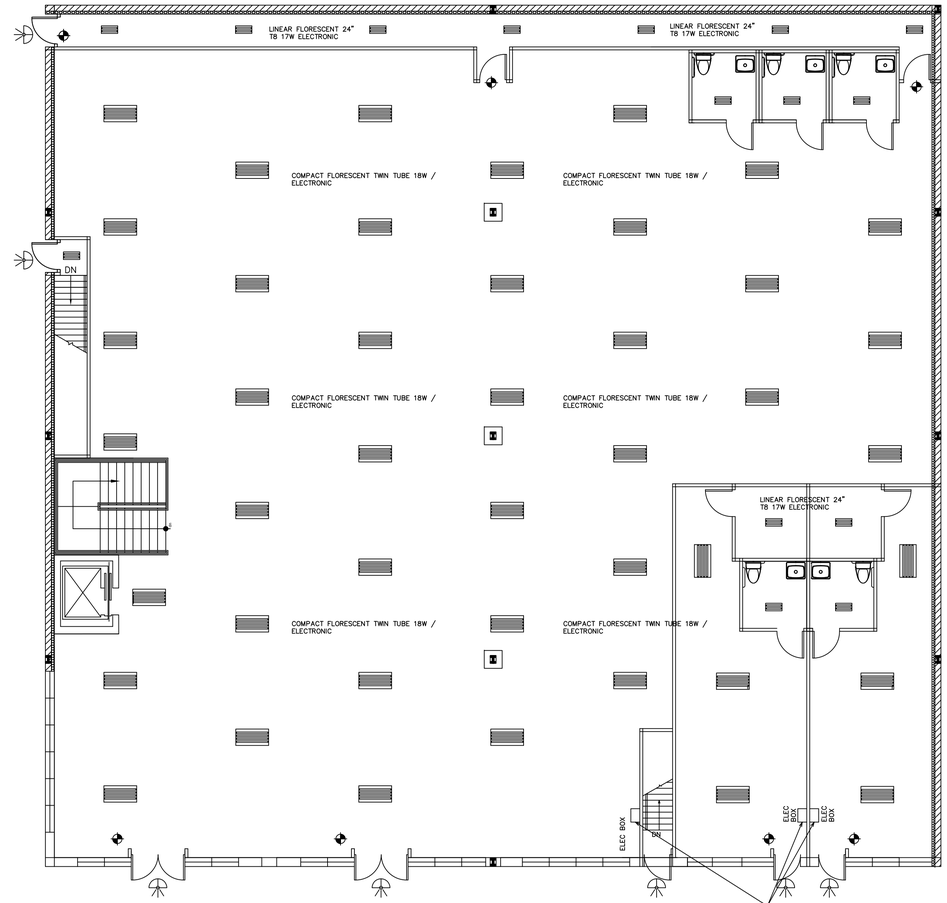
DEPT OF BLDGS 420650735 Job Number
ES572878220 Scan Code



NOTE: 505.2.2.2 LL 48 / 2010 – – REQUIRED AUTOMATIC LIGHTING SHUT OFF CONTROL WITH OCCUPANTS OVERIDE CONTROLS FOR BUILDING > 5,000 SF
NOTE: 505.2.4 – – – THOTO SENSOR , TIME OR ASTRONOMICAL CONTROLS FOR EXTERIOR LIGHTING

NOTE:1§ RCNY 5000–01(G)3.1 – – – THE FUNCTION AND OPERATION OF MADATORY LIGHTING AND POWER CONTROL

CELLAR PLAN
SCALE: 1/8" = 1'–0"



NOTE AS PER 505.2.4 COMPLIANCE WITH PHOTOSENSOR, TIME OR ASTRONOMICAL CONTROLS FOR THE EXTERIOR LIGHTING

ELECTRICAL LAYOUT CEILING PLAN FOR THE FIRST FLOOR
SCALE: 1/8" = 1'–0"

LIGHTING SWITCH ON/OFF BOX OCCUPANCY NOTE TEMPERATURE CONTROL AS PER SECT 5–05 LIGNTING CONTROL

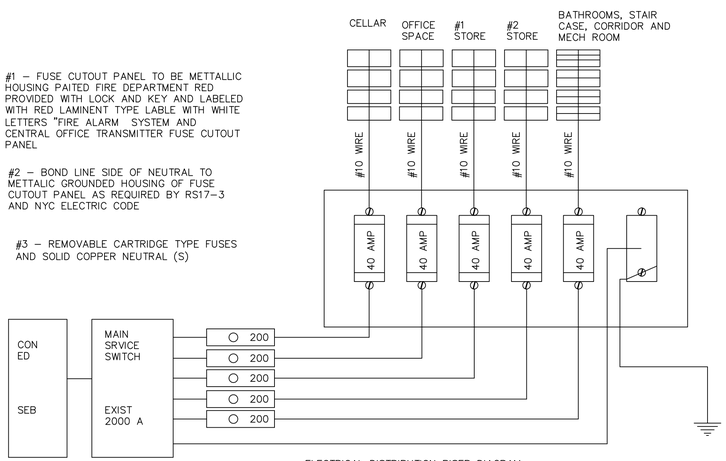
BLOCK	ZONING DISTRICT	MAP
9523	C2–2, R4	18A

LOT	BOROUGH
5	QUEENS

#1 – FUSE CUTOUT PANEL TO BE METTALLIC HOUSING PAITED FIRE DEPARTMENT RED PROVIDED WITH LOCK AND KEY AND LABELED WITH RED LAMINENT TYPE LABLE WITH WHITE LETTERS "FIRE ALARM SYSTEM AND CENTRAL OFFICE TRANSMITTER FUSE CUTOUT PANEL

#2 – BOND LINE SIDE OF NEUTRAL TO METTALIC GROUNDED HOUSING OF FUSE CUTOUT PANEL AS REQUIRED BY RS17–3 AND NYC ELECTRIC CODE

#3 – REMOVABLE CARTRIDGE TYPE FUSES AND SOLID COPPER NEUTRAL (S)



ELECTRICAL DISTRIBUTION RISER DIAGRAM
N.T.S.

LIGHTING SCHEDULE WITH THE DIFFERENT TYPE OF THE LIGHT AND THEIR WATTING

A	B	C	D	E
FIXTURE ID DESCRIPTION / LAMP / WATTAGE PER LAMP BALLAST	LAMPS / FIXTURE	# OF FIXTURES	FIXTURE WATTS	C X D (WATTS)
LINEAR FLORESCENT 24" T8 17W ELECTRONIC	4	75	20	1,500
COMPACT FLORESCENT TWIN TUBE 18W / ELECTRONIC	1	20	20	400

PROPOSED TOTAL WATTS = 1,900

TOTAL ALLOWED WATTS = FLOOR AREA X ALLOWED WATTS / S.F. = 16,782 X 1.0 = 16,782 WATTS
TOTAL PROPOSED WATTS = 1,900 WATTS
TOTAL AREA = 16,782 SF
LDP = TOTAL WATTS / TOTAL AREA SF = 1,900 / 16,782 = 0.12 < 1.5 – – – O.K.
TOTAL ALLOWED WATTS 1,900 < 16,782 WATTS TOTAL PROPOSED – – – O.K.
PROJECT COMPLIANCE – – – –– – COMPLIES YES

NOTE AS PER 505.2.2.2 LL 48 / 2010 – – – REQUIRED AUTOMATIC LIGHTING SHUT OFF CONTROLS WITH OCCUPANTS OVERIDE CONTROLS FOR BUILDINGS > 5,000 SF

NOTE AS PER 505.2.4 – – – NOTIFICATION TO INDICATE PHOTOSENSOR, TIME, OR ASTROMICAL CONTROLS FOR EXTERIOR LIGHTING

NOTE AS PER 505.4 – – –COMPLIANCE WITH INTEGRALLY ILLUMINATED EXIT SIGNS OF MAX OF 5 WATTS OF PER SIDE

NOTE RCNY 5000 (G) (3) (i) – – – A NARRATIVE SHALL TO BE PROVIDED DESCRIBING THE FUNCTION AND OPERATION OF MANDATORY LIGHTING AND POWER CONTROLS

LIGHTING SWITCH ON/OFF BOX OCCUPANCY NOTE
TEMPERATURE CONTROL AS PER SECT 5–05 LIGNTING CONTROL

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DRAWING
CELLAR, FIRST FLOOR
RCP PLAN

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DATE	12-03-14
PROJECT NO.:	JB-492-02
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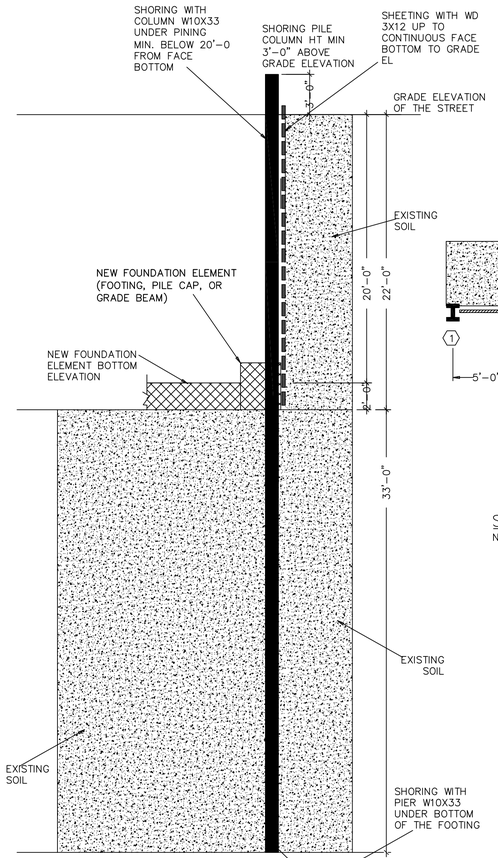
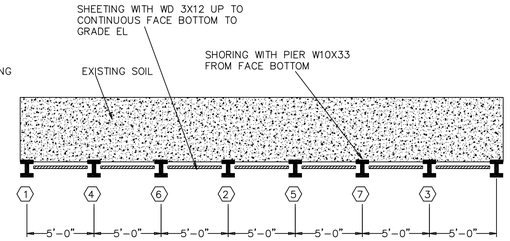
DRAWING NO.:	RCP–001.01

DEPT OF BLDGS 420650735 Job Number ES855759297 Scan Code

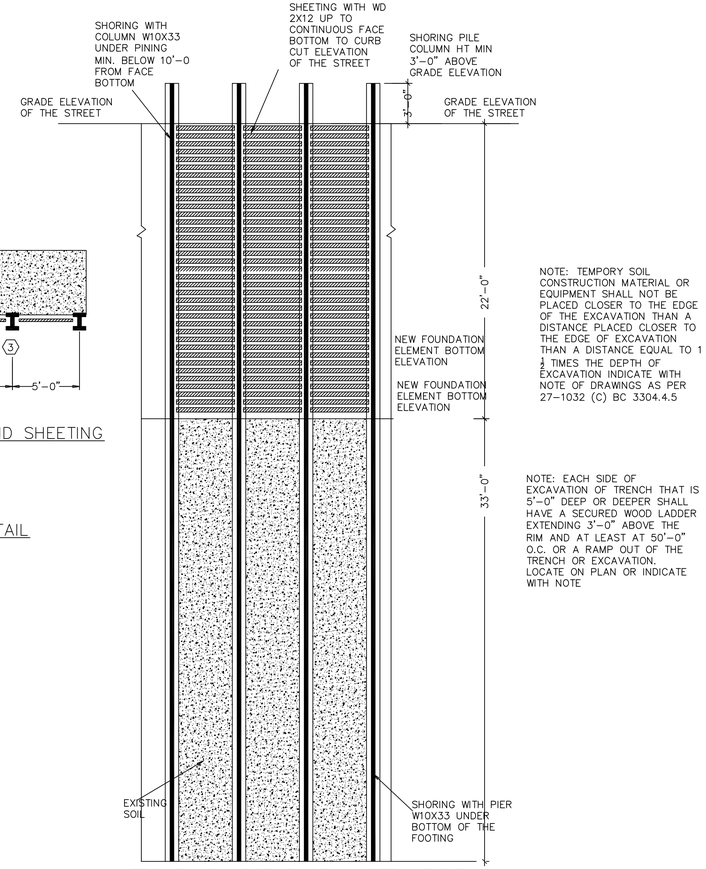


SECTION VIEW FOR SHORING STRUCTURE AND SHEETING DETAIL (TYP)
N.T.S.



TOP VIEW FOR SHORING STRUCTURE AND SHEETING DETAIL (TYP)
N.T.S.

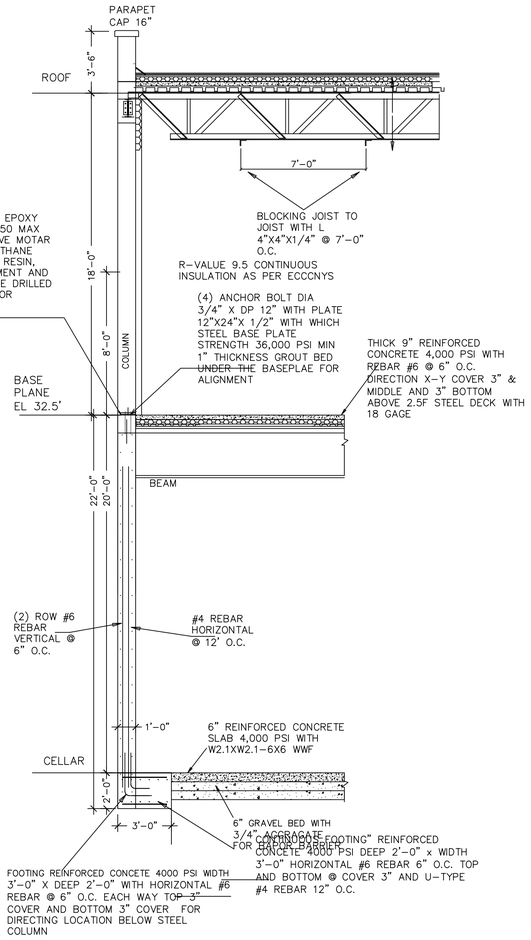
SHORING STRUCTURE AND SHEETING DETAIL
N.T.S.



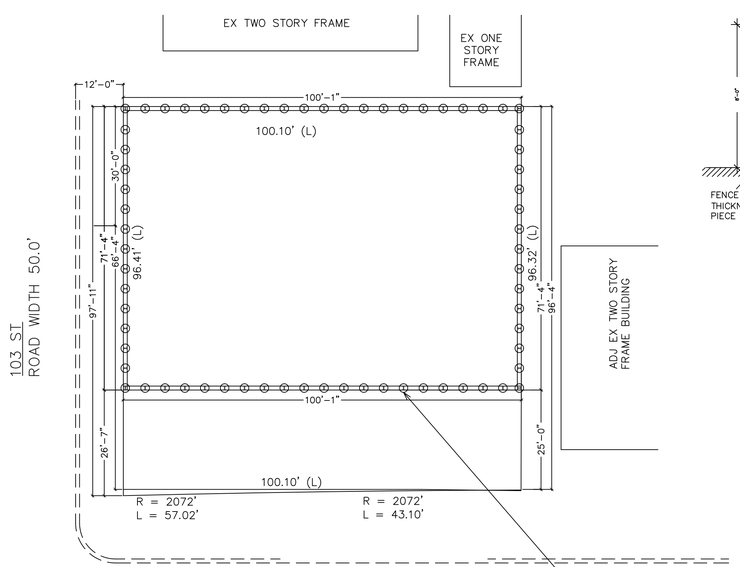
NOTE: TEMPORY SOIL CONSTRUCTION MATERIAL OR EQUIPMENT SHALL NOT BE PLACED CLOSER TO THE EDGE OF THE EXCAVATION THAN A DISTANCE PLACED CLOSER TO THE EDGE OF EXCAVATION THAN A DISTANCE EQUAL TO 1 ½ TIMES THE DEPTH OF EXCAVATION INDICATE WITH NOTE OF DRAWINGS AS PER 27-1032 (C) BC 3304.4.5

NOTE: EACH SIDE OF EXCAVATION OF TRENCH THAT IS 5'-0" DEEP OR DEEPER SHALL HAVE A SECURED WOOD LADDER EXTENDING 3'-0" ABOVE THE RIM AND AT LEAST AT 50'-0" O.C. OR A RAMP OUT OF THE TRENCH OR EXCAVATION. LOCATE ON PLAN OR INDICATE WITH NOTE

FRONT VIEW FOR SHORING STRUCTURE AND SHEETING DETAIL (TYP)
N.T.S.

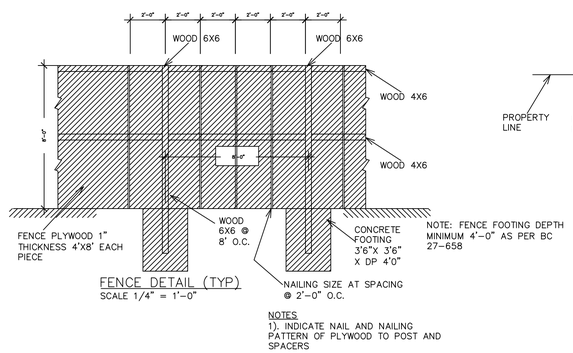


SECTION VIEW DETAIL CONCRETE FOUNDATION AND ELEVATION (TYP.)
SCALE: 1/4" = 1'-0"



SOE SITE PLAN
SCALE 1"= 18'-0"

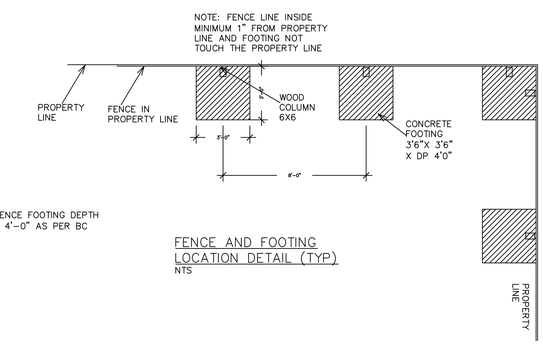
NOTE
PROCEDURE FOR THE PILING
(1). DIA 18"± DRILLING TO DIG OUT SOIL PROPOSED DEPTH WITH AIR COOLING
(2). INSTALL PILE AND FILLED WITH GROUT OR EPOXY CONCRETE UP TO LEVEL OF BOTTOM FOOTING DEPTH



NOTE: FENCE FOOTING DEPTH MINIMUM 4'-0" AS PER BC 27-658

FENCE DETAIL (TYP)
SCALE 1/4" = 1'-0"

NOTES
1). INDICATE NAIL AND NAILING PATTERN OF PLYWOOD TO POST AND SPACERS



FENCE AND FOOTING LOCATION DETAIL (TYP)
NTS

BLOCK	ZONING DISTRICT	MAP
9523	C2-2, R4	18A
LOT	BOROUGH	
5	QUEENS	

PROJECT
SITE: NB
102-16 LIBERTY AVENUE
QUEENS NY 11417

DRAWING
CELLAR, FIRST FLOOR
SOE PLAN

NOTE:

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