211-02 NORTHERN BLVD

QUEENS, NEW YORK

Remedial Investigation Report

NYC BCP Number: Number15CVCP078Q
E-Designation Site Number: 12EHAZ028Q

Prepared for:
211 Street LLC
Seungho Kim
43-01 37th Street
LIC, NY 11101

Prepared by:
J. R. Holzmacher P.E., LLC
3555 Veterans Memorial Highway, Suite A
Ronkonkoma, New York11779-7636
631-234-2220

March 2015

REMDIAL INVESTIGATION REPORT

TABLE OF CONTENTS

LIST OF FIGURES ii
LIST OF TABLES iii
LIST OF APPENDICES iv
LIST OF ACRONYMS v
CERTIFICATION 1
EXECUTIVE SUMMARY 2
REMEDIAL INVESTIGATION REPORT 8
1.0 SITE BACKGROUND 8
1.1 Site Location and Current Usage 8
1.2 Proposed Redevelopment Plan 8
1.3 Description of Surrounding Property 9
2.0 SITE HISTORY 10
2.1 Past Uses and Ownership 10
2.2 Previous Investigations 10
2.3 Site inspection 11
2.4 Areas of Concern 11
3.0 PROJECT MANAGEMENT 12
3.1 Project Organization 12
3.2 Health and Safety 12
3.3 Materials Management 12
4.0 REMEDIAL INVESTIGATION ACTIVITIES 13
4.1 Geophysical Investigation 13
4.2 Borings And Monitoring Wells 14
4.3 Sample Collection and Chemical Analysis 16
5.0 ENVIRONMENTAL EVALUATION 20
5.1 Geological and Hydrogeological Conditions 20
5.2 Soil Chemistry 20
5.3 Groundwater Chemistry 22
5.4 Soil Vapor Chemistry 22
5.5 Prior Activity 24

LIST OF FIGURES

Figure 1 Site Map

Figure 2 Site Location Map

Figure 3 Surrounding Properties

Figure 4 Location of Soil Borings, Wells, and Soil Vapor Samples

Figure 5-1 Map of Remaining Analytical Soil Detections above Track 1

Figure 5-2 Map of Excavated Analytical Soil Detections

Figure 6 Map of Groundwater Chemistry Results

Figure 7 Map of Soil Vapor Chemistry Results

LIST OF TABLES

- **Tables 1 to 5 Soil Analytical Data Summary**

  Table 1 - Volatile Organic Chemicals for Soils

  Table 2 - Semi Volatile Organic Chemicals for Soils

  Table 2A - Semi Volatile Organic Chemicals-STARS List (Spill File) for Soils

  Table 3 – Pesticides for Soils

  Table 4 - PCBs as AROCLORS for Soils

  Table 5 - TAL Metals for Soils

- **Tables 6 to 11 Endpoint Soil Sample Data (Spill Remediation)**
  - **550 Waste Oil Tank removal**

  Table 6 – Volatile Organic Chemicals for Soils

  Table 7 – Semi Volatile Organic Chemicals for Soils

  Table 8 – PCBs as AROCLORS for Soils

  Table 9 – RCRA Metals Analysis for Soil

  - **Contaminated Soil Excavation**

  Table 10 – Volatile Organic Chemicals for Soils (15-20 feet)

  Table 11 – Semi Volatile Organic Chemicals for Soils (15-20 feet)

- **Tables 12 to 16 Groundwater Analytical Data Summary**

  Table 12 – Volatile Organic Chemicals for Groundwater

  Table 13 – Semi Volatile Organic Chemicals for Groundwater

  Table 14 – PCBs as AROCLORS for Groundwater

  Table 15 – Pesticides for Groundwater

  Table 16 – TAL Metals Analysis for Groundwater

- **Table 17 Vapor Sampling**

  Table 17 – Soil Vapor Sampling

LIST OF APPENDICES

- A-Previous Reports
- B- GPR Report
- C- Soil Boring Geologic Logs
- D- Laboratory Data Deliverables
    - Soil Analytical Data
    - Groundwater Analytical Data
    - Soil Vapor Analytical Data
- E- Proposed Development Plans

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 Robert Holzmacher P.E., 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 211-02 Northern Blvd Site. 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 Robert Holzmacher P.E	3/10/2015	
Qualified Environmental Professional	Date	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 211-02 Northern Blvd in the Bayside section in Queens, New York and is identified as Block 7313 and Lot 5 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 10,000-square feet (ft^2) and is bounded by Northern Boulevard to the north, a house of worship to the south, stores to the east, and 211th Street to the west. A map of the site boundary is shown in Figure 2. Currently, the Site is vacant with no buildings. A former car dealer used to operate at the site. The on-site building was demolished in 2012.

Summary of Proposed Redevelopment Plan

The proposed future use of the Site will consist of a 3-story commercial use building with a cellar and sub-cellar. Each sub-grade level will be 9,444 square feet in size and will be used predominantly for parking. Both sub levels will have elevator access and a small area for minor storage of cleaning and building maintenance articles. The first sub level will contain a meter room as well. The first floor will be 7,304 square feet with a planned usage of four (4) retail stores with bathrooms in the rear of each unit. The second floor will be 7,500 square feet with a planned usage of eight (8) offices with communal bathrooms located near the southeast corner of the building. The third floor will have a setback of 25 feet along Northern Blvd as per zoning regulations. The third floor will be 5,075 square feet with a planned use of four (4) medical offices. Communal bathrooms located near the southeast corner of the building will serve the entire third floor. The above mentioned 25 foot setback will allow for terraces for the third floor offices. A boiler room will be located at the southeastern corner of the building; on the third floor. The stairwells are located in the southeast and southwest corners of the building. Two (2) bulkheads will be located above the third floor. These bulkheads are for roof-top access, a mechanical room and elevator bulkhead.

To accommodate the new construction, the entire property will be excavated to a maximum depth of approximately 25 feet from property line to property line, with the exception of a small

area in the southwest corner of the site, with the deepest excavation taking place in the area of the elevator shaft, which will be excavated to a depth of 27 feet. The building concrete footings will be 2 foot x 2 foot with a 1 foot thick concrete foundation wall ascending to grade where concrete a block wall will be erected to create the outer walls. The sub cellar slab will be 6 inches of porous fill for the sub-base with a 6 inch concrete slab atop.

In the southwest corner of the site, excavation to a depth of 10 feet will be completed for storm water management. Storm water from the site will be collected in a 10,000-gallon detention tank adjacent to the southwest stairwell in the first sub level. Said tank will be 10 feet in diameter by 17 feet long and will drain into an 8 foot diameter drywell that will have a depth of 10 feet. The drywell will be located directly south of the detention tank.

There are no open spaces planned for the site. The only portion of the property that will not be accommodating usable building space will be the rear of the building, where from 211th Street, a 25 foot wide access ramp will be located to access the cellar and sub-cellar areas. One would travel over the drywell, then onto the ramp and descend into the first sub level. Sidewalks to be installed along Northern Blvd and 211th Street will be concrete. Three (3) trees will be planted located along Northern Blvd, and one (1) tree will be planted along 211th Street.

.

Layout of the proposed site development is presented in Appendix E. The current zoning designation is C2-2 in R6B. The proposed use is consistent with existing zoning for the property.

Summary of Past Uses of Site and Areas of Concern

Historical records indicate the property was occupied by a store/dwelling from the 1910s to the 1950s. Sanborn Maps indicate that in 1917 the property was occupied by a store and two dwellings with a barn. The 1934, 1951, 1980, 1982 and 1985 Sanborn Maps show the property occupied by a store with auto storage. The site was occupied by various commercial businesses from the 1950s to the 1970s and by an auto sales and service building from the 1980s to at least 1995.

In 2002 the property was redeveloped as auto sales. By 2006 the property had been occupied by Kia of Bayside and was purchased that year by Seungho and Jeewha Kim from Christina Anthony Realty Associates Corp.

As part of an NYCDEP-approved Phase II, contaminated soil was encountered. The site was remediated under NYSDEC Spill File 0704037 (now closed). A total of 196.97 tons of petroleum contaminated soil and an abandoned waste oil tank were removed from the site and properly disposed of. The obvious AOCs have been addressed and remediated, however, because the site was once occupied by automotive service and sales and was not properly decommissioned, additional unexpected subsurface environmental issues may be encountered during site redevelopment. JRH has been on the site numerous times since 2007 and has never noted any evidence of surficial contamination and/or on-site activities that would cause such.

Summary of the Work Performed under the Remedial Investigation

211 St, LLC performed the following scope of work:

1. Conducted a Site inspection and GPR survey to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Drilled 12 soil borings across the entire project Site and collected 26 soil samples for chemical analysis to evaluate soil quality;
3. Installed 4 temporary groundwater monitoring wells throughout the Site to establish groundwater quality and collected 4 groundwater samples for chemical analysis.
4. Installed 3 soil vapor probes around Site perimeter and collected 3 samples for chemical analysis.
5. Installed an additional 4 soil vapor probes, at NYSDEC's request, and collected 4 samples for chemical analysis.

Summary of Environmental Findings

1. Elevation of the property is approximately 65 feet above mean sea level.
2. Depth to groundwater is approximately 48 feet at the Site.
3. Groundwater flow is generally from southwest to northeast beneath the Site.
4. Depth to bedrock is approximately 515 feet at the Site.
5. The stratigraphy of the site, from the surface down, consists of 15 feet of silty sand underlain by at least 40 feet of medium to coarse grained sand. A clayey zone is present between 15 and 30 feet below grade.

6. Soils that remain on-site include VOCs that were detected above the Unrestricted (Track1) SCOs in soil sample B-1 (20-25') which included: 1,2,4-trimethylbenzene, (max concentration of 110,000 µg/kg), 1,3,5-trimethylbenzene (max concentration of 47,000 µg/kg), acetone (max concentration of 8,900 µg/kg), benzene (max concentration of 170 µg/kg), cis-1,2-dichloroethene (max concentration of 380 µg/kg), ethylbenzene (max concentration of 32,000 µg/kg), m,p xylene (max concentration of 100,000 µg/kg), naphthalene (max concentration of 25,000 µg/kg), o-xylene (max concentration of 48,000 µg/kg), and toluene (max concentration of 58,000 µg/kg). The maximum total concentration of BTEX was observed in soil sample B-1 (20-25) at 230,170 µg/kg. The only other remaining VOC that exceeds Track 1 is acetone, detected in B-3 (0-2') and B-3 (12-15'). Of the VOCs detected above their respective Track 1 SCOs, none of the VOCs exceeded their respective Restricted-Commercial (Track 2) SCOs in the samples.

   Remaining on-site SVOCs above Track 1 SCOs include soil samples B-1 (20-25') and W-3 (0-2'). The detections included 3+4-methylphenol (max concentration of 2,300 µg/kg), naphthalene (max concentration of 18,000 µg/kg), benzo(a)anthracene (max concentration of 1,200 µg/kg), benzo(a)pyrene (max concentration of 1,200 µg/kg), benzo(b)fluoranthene (max concentration of 1,100 µg/kg), benzo(k)fluoranthene (max concentration of 860 µg/kg), and chrysene (max concentration of 180,000 µg/kg). Of the detected SVOCs, above Track 1 SCOs, only the SVOCs benzo(a)pyrene (max concentration of 1,200 µg/kg), was detected above its respective Track 2 SCOs.

   Remaining on-site pesticides detected at concentrations above Track1 SCOs include, chlordane (max concentration of 520 µg/kg), dieldrin (max concentration of 19 µg/kg), and endrin (max concentration of 59 µg/kg). Of these detected pesticides, all were detected below their respective Track 2 SCOs.

   Remaining on-site metals detected at concentrations above their respective Track 1 SCOs include lead (max concentration of 152 mg/kg), mercury (max concentration of 0.21 mg/kg), and zinc (max concentration of 145 mg/kg). Although they are detected above their Track 1 SCOs, all of these metals are below their respective Track 2 SCOs.

7. Soil contamination that was excavated off the site during Spill Remediation, in the petroleum spill area associated with a former dry well, included VOCs and SVOCs that exceeded Track 1 SCOs from soil sample B-8 (15'-20'). These contaminated soils were removed and properly disposed of during the petroleum remediation. In addition to this contaminated samples being excavated, soil sample B-1 (0'-2') was also excavated, but the analytical results did not indicated contamination.

8. There were no detections of VOCs, SVOCs, pesticides, and PCBs in the three groundwater samples above the New York State Groundwater Quality Standards (GQS) with the exception of methylene chloride (max concentration of 22 mg/kg) which was also detected in the method blank. Groundwater results exceeded GQS for total manganese (max concentration of 2.81 mg/kg) and sodium (max concentration of 100 mg/kg) in all three (3) groundwater samples.

9. A groundwater sample was collected in 2008 at 50 to 54 feet below grade indicated no detections of VOCs and SVOCs CP-51 list above GQS.

10. Soil vapor analysis indicated both petroleum related and chlorinated compounds. BTEX were detected in all three samples at low concentrations (max concentration 256.9 µg/m^3) as were several other gasoline constituents (1,2,4-trimethylbenzene (max concentration 36.4 µg/m^3), 1,3,5-trimethylbenzene (max concentration 10.8 µg/m^3), 2,2,4-trimethylpentane (max concentration 1,120 µg/m^3), 2-butanone (max concentration 82.6 µg/m^3), 4-ethyltoluene (max concentration 15.2 µg/m^3), 4-methyl-2-pentanone (max concentration 11.1 µg/m^3), heptane (max concentration 90.2 µg/m^3), and hexane (max concentration 84.6 µg/m^3)). Benzene was present in one sample at 24 µg/m^3. Tetrachloroethene (PCE) was detected in all three samples; VP-1 (5,018 µg/m^3), VP-2 (4,136 µg/m^3), and VP-3 (162 µg/m^3). Other chlorinated solvents were also detected at low levels in site soil vapor, including chloroform and methylene chloride and trichloroethene (TCE) (max concentration 15 µg/m^3). Acetone concentrations ranged from 28.5 µg/m^3 to 1,615 µg/m^3.

    Total VOC concentrations in soil gas samples were VP-1 (7,185 µg/m^3), VP-2 (6,590 µg/m^3), and VP-3 (190.5 µg/m^3).

11. The additional soil vapor samples that NYSDEC requested were located around the western perimeter of the site to determine whether the soil vapor contamination, detected during the original analysis, was migrating offsite or migrating onsite. Soil vapor analysis indicated that both petroleum related and chlorinated compounds. BTEX were detected in all four samples as were several other gasoline constituents 1,1,1-trichloroethane (max concentration 3,786 µg/m^3), 1,1-dichloroethane (max concentration 3,488 µg/m^3), 1,1-dichloroethene (max concentration 487 µg/m^3), 1,2,4-trimethylbenzene (max concentration 31.5 µg/m^3), 1,2-dichloroethane (max concentration 11.4 µg/m^3), 1,3,5-trimethylbenzene (max concentration 10.6 µg/m^3), 2,2,4-trimethylpentane (max concentration 9.01 µg/m^3), 2-butanone (max concentration 34.2 µg/m^3), 4-ethyltoluene (max concentration 11.7 µg/m^3), 4-methyl-2-pentanone (max concentration 10.5 µg/m^3), chloroethane (max concentration 1,097 µg/m^3), heptane (max concentration 15.4 µg/m^3), and hexane (max concentration 52.9 µg/m^3). Benzene was present in all four samples; the maximum concentration observed was 7.75 µg/m^3 in VP-5. Other chlorinated solvents were also detected at low levels in the soil vapor including: carbon tetrachloride, chloroform and methylene chloride and trichloroethene (TCE) (max concentration 3.12 µg/m^3). Acetone concentrations ranged from 318 µg/m^3 to 1,867 µg/m^3. Soil vapor samples collected during the supplemental soil vapor characterization showed less elevated concentrations of tetrachloroethene, (max concentration 35.5 µg/m^3), however there appears to be no on-site source.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

211 St, LLC has enrolled in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a 0.23 -acre site located at 211-02 Northern Blvd in the Bayside section of Queens, New York. Commercial use is proposed for the property. The RI work was performed between 2007 and 2012. 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 211-02 Northern Blvd in the Bayside section in Queens, New York and is identified as Block 7313 and Lot 5 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 10,000-square feet (100’ x 100’) and is bounded by Northern Boulevard to the north, a house of worship to the south, stores to the east, and 211th Street to the west. A map of the site boundary is shown in Figure 2. Currently, the Site is vacant with no buildings. A former car dealer used to operate at the site.

1.2 Proposed Redevelopment Plan

The proposed future use of the Site will consist of a 3-story commercial use building with a cellar and sub-cellar. Each sub-grade level will be 9,444 square feet in size and will be used predominantly for parking. Both sub levels will have elevator access and a small area for minor storage of cleaning and building maintenance articles. The first sub level will contain a meter room as well. The first floor will be 7,304 square feet with a planned usage of four (4) retail stores with bathrooms in the rear of each unit. The second floor will be 7,500 square feet with a planned usage of eight (8) offices with communal bathrooms located near the southeast corner of the building. The third floor will have a setback of 25 feet along Northern Blvd as per zoning regulations. The third floor will be 5,075 square feet with a planned use of four (4) medical offices. Communal bathrooms located near the southeast corner of the building will serve the entire third floor. The above mentioned 25 foot setback will allow for terraces for the third floor offices. A boiler room will be located at the southeastern corner of the building; on the third floor. The stairwells are located in the southeast and southwest corners of the building. Two (2)

bulkheads will be located above the third floor. These bulkheads are for roof-top access, a mechanical room and elevator bulkhead.

To accommodate the new construction, the entire property will be excavated to a maximum depth of approximately 22’ 6” feet from property line to property line, with the exception of a small area in the southwest corner of the site, with the deepest excavation taking place in the area of the elevator shaft, which will be excavated to a depth of 27 feet. The building concrete footings will be 2 foot x 2 foot with a 1 foot thick concrete foundation wall ascending to grade where concrete a block wall will be erected to create the outer walls. The sub cellar slab will be 6 inches of porous fill for the sub-base with a 6 inch concrete slab atop.

In the southwest corner of the site, excavation to a depth of 10 feet will be completed for storm water management. Storm water from the site will be collected in a 10,000-gallon detention tank adjacent to the southwest stairwell in the first sub level. Said tank will be 10 feet in diameter by 17 feet long and will drain into an 8 foot diameter drywell that will have a depth of 10 feet. The drywell will be located directly south of the detention tank.

There are no open spaces planned for the site. The only portion of the property that will not be accommodating usable building space will be the rear of the building, where from 211th Street, a 25 foot wide access ramp will be located to access the cellar and sub-cellar areas. One would travel over the drywell, then onto the ramp and descend into the first sub level. Sidewalks to be installed along Northern Blvd and 211th Street will be concrete. Three (3) trees will be planted located along Northern Blvd, and one (1) tree will be planted along 211th Street.

Layout of the proposed site development is presented in Appendix E. The current zoning designation is C2-2 in R6B. The proposed use is consistent with existing zoning for the property.

1.3 Description of Surrounding Property

Figure 3 shows the surrounding land usage. The site is in a busy commercial area with stores bordering to the east and a restaurant across 211th Street to the west. Across Northern Boulevard to the north are more stores and office buildings. Directly to the south is the Kingdom Hall of Jehovah’s Witness and further south are residential dwellings.

2.0 SITE HISTORY

2.1 Past Uses and Ownership

Historical records indicate the property was first occupied, in 1917, by a store and dwelling with a barn. Between 1934 and 1951 the property was utilized as a store and auto storage, and a dwelling also identified in 1951. Sometime between 1951 and 1980, the former buildings were razed and a new commercial building was constructed where multiple offices are depicted being utilized by auto sales and services. These buildings and similar business occupied the property until sometime between 1995 and 2003 when the buildings were razed, and one story buildings located along the eastern boundary we constructed and remained there until its demolition in 2012. Before its demolitions, the buildings was occupied by a Kia Dealerships, prior to Kia other car dealerships occupied the site.

In 1997 Chrysler Auto Group sold the property to Christine Anthony Realty Associates Corp. Under the direction of Christine Anthony Realty Associates Corp, the on-site building was razed, sometime in 2002-2003. A new building was constructed, that was utilized as a Kia Auto Dealership until 2006. In 2006 the property was purchased by Seungho and Jeewha Kim (from Christina Anthony Realty Associates Corp).

2.2 Previous Investigations

- May 1998 - Additional Site Investigation and Monitoring Report, prepared for Chrysler Corporation by Rust Environmental and Infrastructure of Albany, New York.
- April 2007 - Phase I report was produced by JMK Environmental of San Fernando, California for Woori America Bank.
- In May 2007 J.R, Holzmacher P.E., LLC (JRH) authored an approved NYCDEP Phase II Work Plan for Mr. & Mrs. Kim.
- In September 2007 JRH prepared a NYCDEP approved Phase II report
- In November 2007 JRH prepared a NYCDEP approved Remedial Action Plan
- In May 2011 JRH prepared an approved NYSDEC Spill Closure report

2.3 Site inspection

JRH has been on the site numerous times since 2007 and has never noted any evidence of surficial contamination and/or on-site activities that would cause such.

2.4 Areas of Concern

The main AOC (contaminated soil) was remediated under NYSDEC Spill File 07-04037 (now closed). A total of 196.97 tons of petroleum contaminated soil and an abandoned waste oil tank were removed from the site and properly disposed of. However, due to the circumstances in which the waste oil tank was discovered, where during the excavation of contaminated soil the tank was found along with hydraulic lifts and other buried debris, it can be presumed that the demolition of the building in 2002-2003, debris was possibly buried at the site. If this is the case, it can also be presumed that other debris from the demolition may have been buried across the site. During the future excavation activities this debris, consisting of but not limited to other UST, fill and vent lines, hydraulic lifts and hydraulic reservoirs, may be unearthed. If this were to occur, these newly found AOC will need to be dealt with appropriately following proper guidelines.

3.0 PROJECT MANAGEMENT

3.1 Project Organization

The Qualified Environmental Profession (QEP) responsible for preparation of this RIR is Mr. James R. Holzmacher with assistance from Ms. Heather Sonnenberg, Project Manager and Mr. Philip Hoffken Jr., Project Manager and Ms. 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

211 St, LLC performed the following scope of work:

1. Conducted a Site inspection and GPR survey to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Drilled 12 soil borings across the entire project Site and collected 26 soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed 4 temporary groundwater monitoring wells throughout the Site to establish groundwater quality and collected 4 groundwater samples for chemical analysis.
4. Installed 3 soil vapor probes around Site perimeter and collected 3 samples for chemical analysis.
5. Installed an additional 4 soil vapor probes, at NYSDEC's request, and collected 4 samples for chemical analysis

4.1 Geophysical Investigation

Ground penetrating radar or GPR is a remote sensing technique that consists of a portable antenna and control unit. The antenna was pulled along the ground surface over the property and radar is transmitted into and reflected out of the ground based upon the conductivity of the subsurface materials encountered.

JRH and its subcontractor, J.C. Broderick of Hauppauge New York, used a Sensors & Software Noggin SmartCart 250 GPR. A 250 megahertz antenna penetrates to depths ranging from one to ten feet - the range most underground storage tanks and utilities are found within. GPR can verify the presence of suspected buried structures and delineate the boundaries of known underground storage tanks and buried drainage structures (leaching pools, cesspools, or dry wells). Previously excavated and backfilled areas such as former tank pits, landfills or other waste disposal locations can also be readily identified.

Once the GPR survey was completed, the results were spray painted on the ground surface in accordance with the American Public Works Association (APWA) color code. No subsurface anomalies indicative of an underground storage tank or any other questionable subsurface structure were identified during the inspection.

Due to the presence of excavation machinery, woodpiles and demolition/waste debris, JCB was not able to fully inspect the area of concern at the time of the site visit. However, no significant anomalies were identified.

The GPR survey is presented in Appendix B.

4.2 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. Locations of all soil borings detailed below are identified on Figure 4. All soil boring logs were prepared by a hydrogeologist and are attached in Appendix C.

In 2007 four (4) soil borings were drilled on the property. As per the NYCDEP-approved Phase II work plan. Four of the borings were designated B-1, B-2, B-3 and B-4 and were drilled to a terminal depth of twenty-five feet below grade. Twenty-five feet below grade was chosen as a final depth because the excavation is expected to extend to this depth in the area of foundation footings and the elevator sump. Analytical results identified petroleum contaminated soil in the area of B-1.

Due to the presence of petroleum contaminated soil discovered in the area of B-1, see Figure 4, five (5) additional soil borings were drilled to determine the horizontal and vertical extent of the petroleum contamination. The borings designated B-1A, B-5 through B-8 were drilled in the southwestern portion of the property where the original B-1 boring was drilled. These borings were terminated at either 30’ or 32’ below grade. The final depths of these borings were determined based on olfactory and PID readings of the macrocores.

Following the delineation of the extent of petroleum contamination, it was determine that the petroleum contamination started at approximately 15 feet below grade and terminated between 18 and 22 feet (28 to 32 feet above the water table). This interval corresponds to the depth of a former dry well in that area.

In order to remove the contaminated soil the owners obtained a Work Permit from NYCDOB in advance of excavating the petroleum contaminated soils. An outer shoring "box" was used to segregate or frame the area to be excavated for site development. An inner "box" of shoring was used to specifically surround the area of contaminated soil based on data from the on-site delineation borings. During the excavation various debris was encountered including abandoned/destroyed hydraulic lifts, four 30-gallon reservoir tanks, and a 550 gallon waste oil tank. It was obvious that the debris were dumped at this location (into the footprint of a former on-site building).

The outside excavation was 30 by 30 by 10 feet deep. Once the debris was removed, the excavation was conducted at deeper levels in the inner box or contaminated zone. The hydraulic lifts and reservoir tanks were located in this box. The inner box dimensions were set conservatively based on the soil boring data. The contaminated zone excavation ended up being 15 feet by 15 feet and 20 to 22 feet deep. Once visibly clean soil was encountered on each side wall and the base, the excavation was stopped. The contractor was overseen by JRH, and under JRH's direction and supervision, the excavation proceeded until clean endpoints were obtained.

A ninth soil boring was advance in a centrally located on the northern portion of the site. This boring was advanced to a terminal depth of 25' below grade.

Based on this successful remedial effort, NYSDEC closed the spill file for the site on May 25, 2011.

Groundwater Monitoring Well Construction

No permanent monitoring wells were installed on the property. The approved Phase II work plan called for the collection of temporary groundwater samples. The United States Geologic Survey (USGS) Water Table on Long Island Map, March 1983, indicated that the depth to groundwater in the area of the subject property was approximately 50 feet below grade. Three borings designated W-1, W-2, W-3 and GW-4 were advanced to approximately 55 feet below grade to obtain sufficient sample volume.

Groundwater sampling locations are shown in Figure 4.

Survey

The wells were also horizontally located using a GPS (please refer to boring logs in Appendix C).

4.3 Sample Collection and Chemical Analysis

Sampling performed as part of the field investigation was conducted for all Areas of Concern and also considered other means for bias of sampling based on professional judgment, area history, discolored soil, stressed vegetation, drainage patterns, field instrument measurements, odor, or other field indicators. 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

Eleven (11) soil samples were collected for chemical analysis during the initial RI. Due to petroleum contamination an additional five (5) soil samples were collected during the delineation investigation. Nine (9) endpoint samples were collected to confirm the successful petroleum remediation (NYSDEC Spill File #0704037.) A total of 25 soil samples were collected between the Initial RI and endpoint sampling.

The four (4) initial borings, four (4) delineation borings, and single boring that was collected in 2012, were collected continuously from land surface to their respective terminal depth using a Geoprobe™. The Geoprobe™ uses direct push technology to drive core samplers to the desired depth for soil sample collection. This method can be performed quickly, so if refusal occurs, a new location can be accessed with minimal effort. Land, Air, Water Environmental Services, Inc. of Center Moriches, New York and Zebra Environmental Corp. of Lynbrook, New York provided the Geoprobe™ services 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.

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

The 0 to 2 foot below grade sample at boring location B-1, B-2, B-3, B-4, and B-9 was collected for analysis. Based on visual/olfactory evidence of contamination and/or elevated PID readings a second soil sample from each boring was also delivered to American Analytical Laboratories, Farmingdale, New York (NYSDOH ELAP #11418) for analysis. Where no visual evidence or elevated PID readings were observed, the second sample was collected from 20 to 25-feet below grade. Figure 5-1 shows the location of samples collected in this investigation

Five additional soil borings were drilled to define the horizontal and vertical extent of the petroleum contamination detected in the 20-25 foot sample at Boring B-1. These borings were drilled from 30 to 45 feet below grade. Figure 5-2 shows the location of samples collected in this investigation

Data on soil sample collection for chemical analyses, including dates of collection and sample depths, is reported on the analytical Tables 1 through 5.

Groundwater Sampling

Four groundwater samples were collected for chemical analysis during this RI. Figure 4 shows the location of groundwater sampling. Laboratories and analytical methods are given below.

Temporary groundwater samples were collected and analyzed for: volatile organic chemicals (VOCs) by EPA Method 8260; semi-volatile organic chemicals (SVOCs) by EPA Method 8270; Pesticides/PCBs by EPA Methods 8081/8082; and the Target Analyte (TAL) metals. Both filtered and unfiltered TAL metals analysis was conducted on the groundwater samples.

Soil Vapor Sampling

The Geoprobe™ was also used to drill three additional borings to install sub-slab vapor sampling probes or implants. The vapor probes were be 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.

The three probes were located as follows: one probe was located in the area where remediation of NYSDEC Spill # 07-04037 was conducted, one probe was located in the eastern center of the site in the footprint of the existing on-site building, and one probe was located in the northwestern area of the site.

Four additional probes, as requested by NYSDEC, were located around the perimeter of the western half of the site with one located along the residential property, one located along 211th Street, and two along Northern Blvd.

Soil probes VP-1 – VP-3 were completed to the depth below the planned excavation-20 feet. Soil probes VP-4 and VP-5 were completed to 10 feet with VP-6 and VP-7 completed to 5 feet and 6 feet, respectively, below grade.

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 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).

Seven soil vapor probes were installed and seven 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	Analytical laboratories used in the RI are NYS ELAP certified and were American Analytical Laboratories, LLC 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 samples are summarized on Tables 1 through 11. 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

There is very little artificial fill present at the site. The site is underlain by approximately 15 feet of fine to medium grained sand of variable color and silt content. A clayey zone is encountered at around 15 to 20 feet below grade. Below 20 feet the borings indicate brown, poorly sorted sand deposits with very little silt and clay. The water table was encountered at around 48 feet below grade.

Hydrogeology

The water table is present less than 50 feet below grade. Groundwater under the site flows to the northeast towards Little Neck Bay (U.S.G.S Water Table Map of the Upper Glacial Aquifer on Western Long Island in March-April 2001). Temporary groundwater sampling location W-1 is hydraulically upgradient with respect to groundwater flow of the site whereas W-2 and W-3 were sited near the downgradient edge of the site. Temporary sample GW-4 was located in the former petroleum spill area at the request of the NYSDEC.

5.2 Soil Chemistry

Tables 1-11 summarize the analytical data for the 26 soil samples collected. The following summary describes soil contamination that currently remains on site; followed by soil contamination that was removed from the site during spill remediation activities. Appendix A contains the reports that detail the Initial Investigation and Spill Investigation (Phase II Report, by JRH dated September 12, 2007), and the Spill Closure Report (Spill Closure Report, by JRH, dated May 24, 2011)

Soils that remain on-site include VOCs that were detected above the Unrestricted (Track1) UUSCOs in soil sample B-1 (20-25') which included: 1,2,4-trimethylbenzene, (max concentration of 110,000 µg/kg), 1,3,5-trimethylbenzene (max concentration of 47,000 µg/kg), acetone (max concentration of 8,900 µg/kg), benzene (max concentration of 170 µg/kg), cis-1,2-dichloroethene (max concentration of 380 µg/kg), ethylbenzene (max concentration of 32,000 µg/kg), m,p xylene (max concentration of 100,000 µg/kg), naphthalene (max concentration of 25,000 µg/kg), o-xylene (max concentration of 48,000 µg/kg), and toluene (max concentration of

58,000 µg/kg). The maximum total concentration of BTEX was observed in soil sample B-1 (20-25) at 230,170 µg/kg. The only other remaining VOC that exceeds Track 1 is acetone, detected in B-3 (0-2‘) and B-3 (12-15’). Of the VOCs detected above their respective Track 1 UUSCOs, none of the VOCs exceeded their respective Restricted-Commercial (Track 2) RCSCOs in the samples.

Remaining on-site SVOCs above Track 1 UUSCOs include soil samples B-1 (20-25’) and W-3 (0-2’). The detections included 3+4-methylphenol (max concentration of 2,300 µg/kg), naphthalene (max concentration of 18,000 µg/kg), benzo(a)anthracene (max concentration of 1,200 µg/kg), benzo(a)pyrene (max concentration of 1,200 µg/kg), benzo(b)fluoranthene (max concentration of 1,100 µg/kg), benzo(k)fluoranthene (max concentration of 860 µg/kg), and chrysene (max concentration of 180,000 µg/kg). Of the detected SVOCs, above Track 1 UUSCOs, only the SVOCs benzo(a)pyrene (max concentration of 1,200 µg/kg), was detected above its respective Track 2 RCSCOs.

Remaining on-site pesticides detected at concentrations above Track1 UUSCOs include, chlordane (max concentration of 520 µg/kg), dieldrin (max concentration of 19 µg/kg), and endrin (max concentration of 59 µg/kg). Of these detected pesticides, all were detected below their respective Track 2 RCSCOs.

Remaining on-site metals detected at concentrations above their respective Track 1 UUSCOs include lead (max concentration of 152 mg/kg), mercury (max concentration of 0.21 mg/kg), and zinc (max concentration of 145 mg/kg). Although they are detected above their Track 1 UUSCOs, all of these metals are below their respective Track 2 RCSCOs. Figure 5-1 shows the locations and concentrations of soils that exceed the Track 1 UUSCOs.

Briefly, the spill remediation was driven by high concentrations of VOCs and SVOCs, discovered during the Initial Investigation and Spill Investigation in the area of the former dry well. An area 30’ x 30’ was excavated down to 10’ below grade. Within the southwestern corner of the excavation pit a 15’ x 15’ pit was extended down to 20’ below grade to remove additional contaminated soil. VOCs and SVOCs that exceeded Track 1 UUSCOs from soil samples B-1 (0’-2’) and B-8 (15’-20’) were removed from the site. These contaminated soils were removed and properly disposed of during the petroleum remediation. Figure 5-2 shows the locations and concentrations of soils and soil samples that were removed during spill remediation activities.

5.3 Groundwater Chemistry

As part of the approved 2007 Phase II work plan, three on-site borings designated W-1, W-2, and W-3 were advanced several feet into groundwater.

Tables 6 through 10 summarize the groundwater analytical data.

There were no detections of VOCs, SVOCs, pesticides, and PCBs in the three groundwater samples above the New York State Groundwater Quality Standards (GQS) with the exception of methylene chloride (22 ppb) which was also detected in the method blank. Groundwater results exceeded GQS for total manganese and sodium in all three (3) groundwater samples. A groundwater sample was collected in 2008 at 50 to 54 feet below grade indicated no detections of VOCs and SVOCs CP-51 list above 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. There were no exceedences of groundwater standards except for dissolved manganese and sodium. 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

There were detections of EPA Method TO-15 VOCs in all seven samples.Soil vapor analysis indicated both petroleum related and chlorinated compounds. BTEX were detected in all three samples at low concentrations (max concentration 256.9 µg/m^3) as were several other gasoline constituents (1,2,4-trimethylbenzene (max concentration 36.4 µg/m^3), 1,3,5-trimethylbenzene (max concentration 10.8 µg/m^3), 2,2,4-trimethylpentane (max concentration 1,120 µg/m^3), 2-butanone (max concentration 82.6 µg/m^3), 4-ethyltoluene (max concentration 15.2 µg/m^3), 4-methyl-2-pentanone (max concentration 11.1 µg/m^3), heptane (max concentration 90.2 µg/m^3), and hexane (max concentration 84.6 µg/m^3)). Benzene was present in one sample at 24 µg/m^3. Tetrachloroethene (PCE) was detected in all three samples; VP-1 (5,018 µg/m^3), VP-2 (4,136 µg/m^3), and VP-3 (162 µg/m^3). Other chlorinated solvents were also detected at low levels in site soil vapor, including chloroform and methylene chloride and trichloroethene (TCE) (max concentration 15 µg/m^3). Acetone concentrations ranged from 28.5 µg/m^3 to 1,615 µg/m^3.

Total VOC concentrations in soil gas samples were VP-1 (7,185 µg/m^3), VP-2 (6,590 µg/m^3), and VP-3 (190.5 µg/m^3).

The additional soil vapor samples that NYSDEC requested were located around the western perimeter of the site to determine whether the soil vapor contamination, detected during the original analysis, was migrating offsite or migrating onsite. Soil vapor analysis indicated that both petroleum related and chlorinated compounds. BTEX were detected in all four samples as were several other gasoline constituents 1,1,1-trichloroethane (max concentration 3,786 µg/m3), 1,1-dichloroethane (max concentration 3,488 µg/m3), 1,1-dichloroethene (max concentration 487 µg/m3), 1,2,4-trimethylbenzene (max concentration 31.5 µg/m3), 1,2-dichloroethane (max concentration 11.4 µg/m3), 1,3,5-trimethylbenzene (max concentration 10.6 µg/m3), 2,2,4-trimethylpentane (max concentration 9.01 µg/m3), 2-butanone (max concentration 34.2 µg/m3), 4-ethyltoluene (max concentration 11.7 µg/m3), 4-methyl-2-pentanone (max concentration 10.5 µg/m3), chloroethane (max concentration 1,097 µg/m3), heptane (max concentration 15.4 µg/m3), and hexane (max concentration 52.9 µg/m3). Benzene was present in all four samples; the maximum concentration observed was 7.75 µg/m3 in VP-5. Other chlorinated solvents were also detected at low levels in the soil vapor including: carbon tetrachloride, chloroform and methylene chloride and trichloroethene (TCE) (max concentration 3.12 µg/m3). Acetone concentrations ranged from 318 µg/m3 to 1,867 µg/m3. Soil vapor samples collected during the supplemental soil vapor characterization showed less elevated concentrations of tetrachloroethene, (max concentration 35.5 µg/m3), however there appears to be no on-site source..

Total VOC concentrations in soil gas samples were VP-1 (7,185 ug/m^3), VP-2 (6,590 ug/m^3), and VP-3 (190.5 ug/m^3), VP-4 (23.6 ug/m^3), VP-5 (5606.42 ug/m^3), VP-6 (639.44 ug/m^3), VP-7 (961.03 ug/m^3). PCE and 1,2,4,5-Tetramethylbenzene contaminated soils were removed from the site during spill remedial work, however, remaining soil did not indicate PCE or 1,2,4,5-Tetramethylbenzene contamination.

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

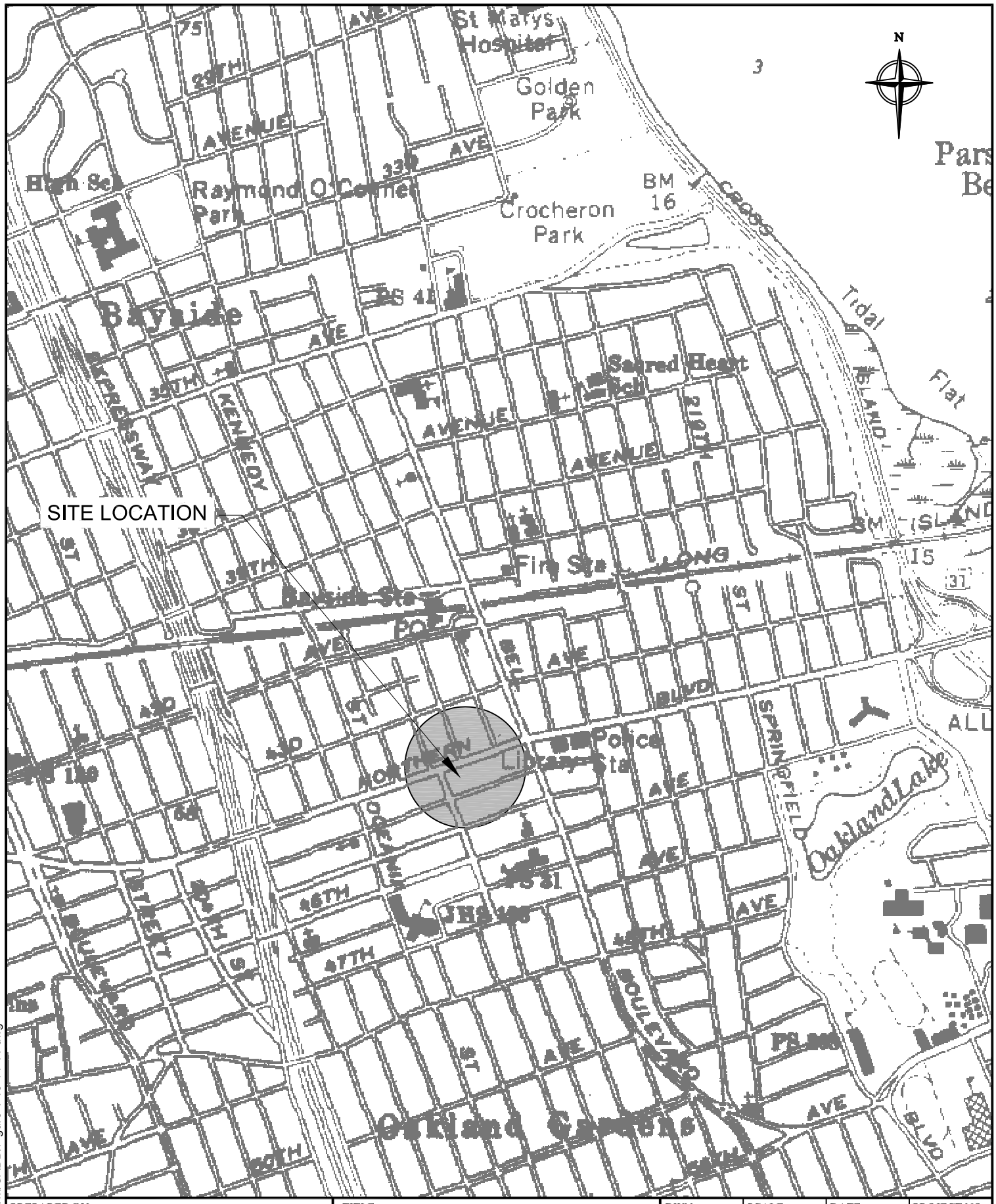
5.5 Prior Activity

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



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 HWY
SUITE A
RONKONKOMA, NEW YORK 11779

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

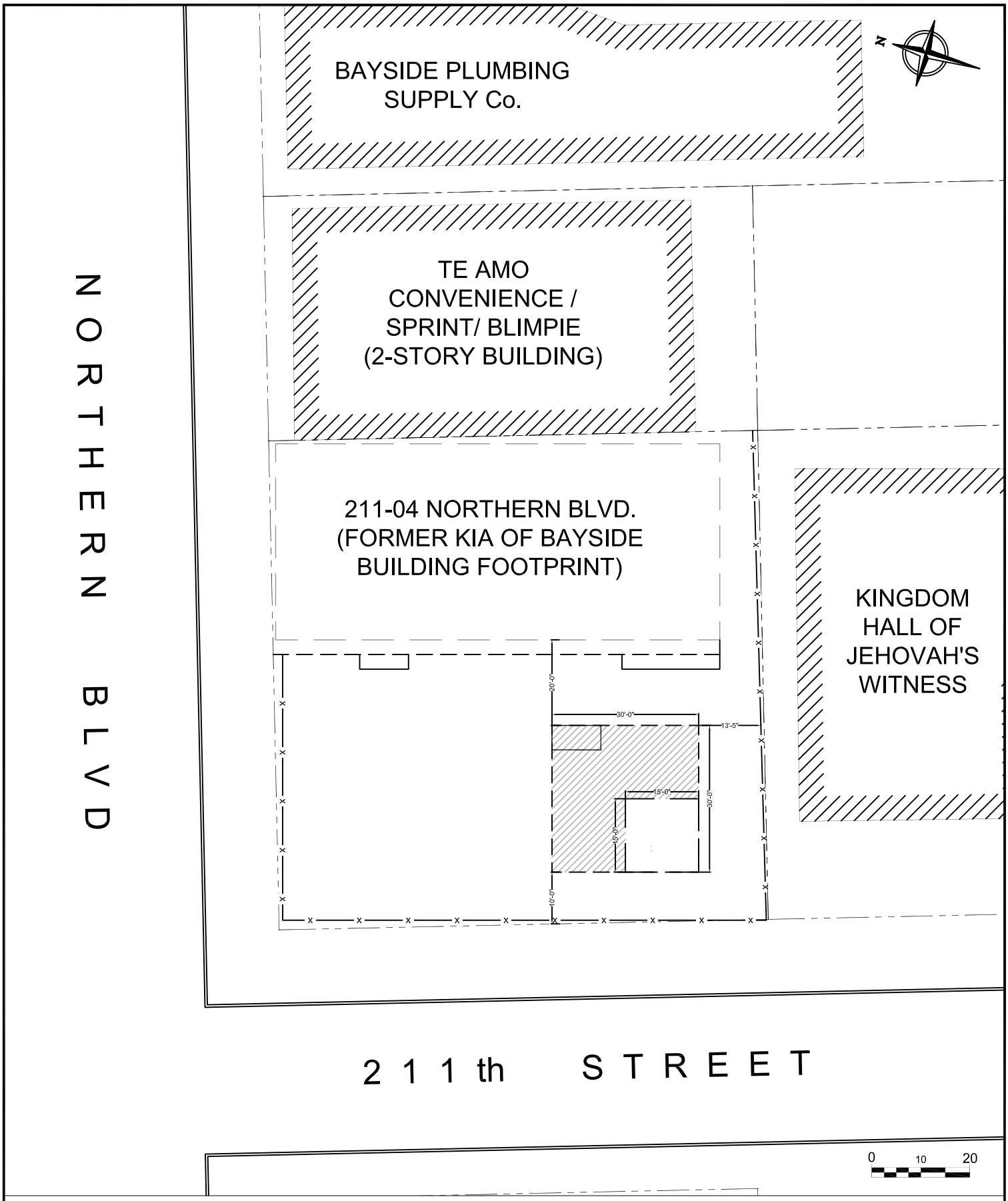
TITLE:

SITE LOCATION MAP
211-08 NORTHERN BOULEVARD
BAYSIDE, NEW YORK

DWN:	SCALE:	DATE:	PROJECT NO.:
KS	N.T.S.	5-17-12	JSKim10-01
CHKD:	APPD:	REV.:	NOTES:
JMD	JMD	-	-

FIGURE NO.: 1

p:/projects/2010/JSKim/CADD/Figure 1 10-14-11.dwg



p:/projects/2010/JSKim/CADD/Figure 2 5-18-12.dwg

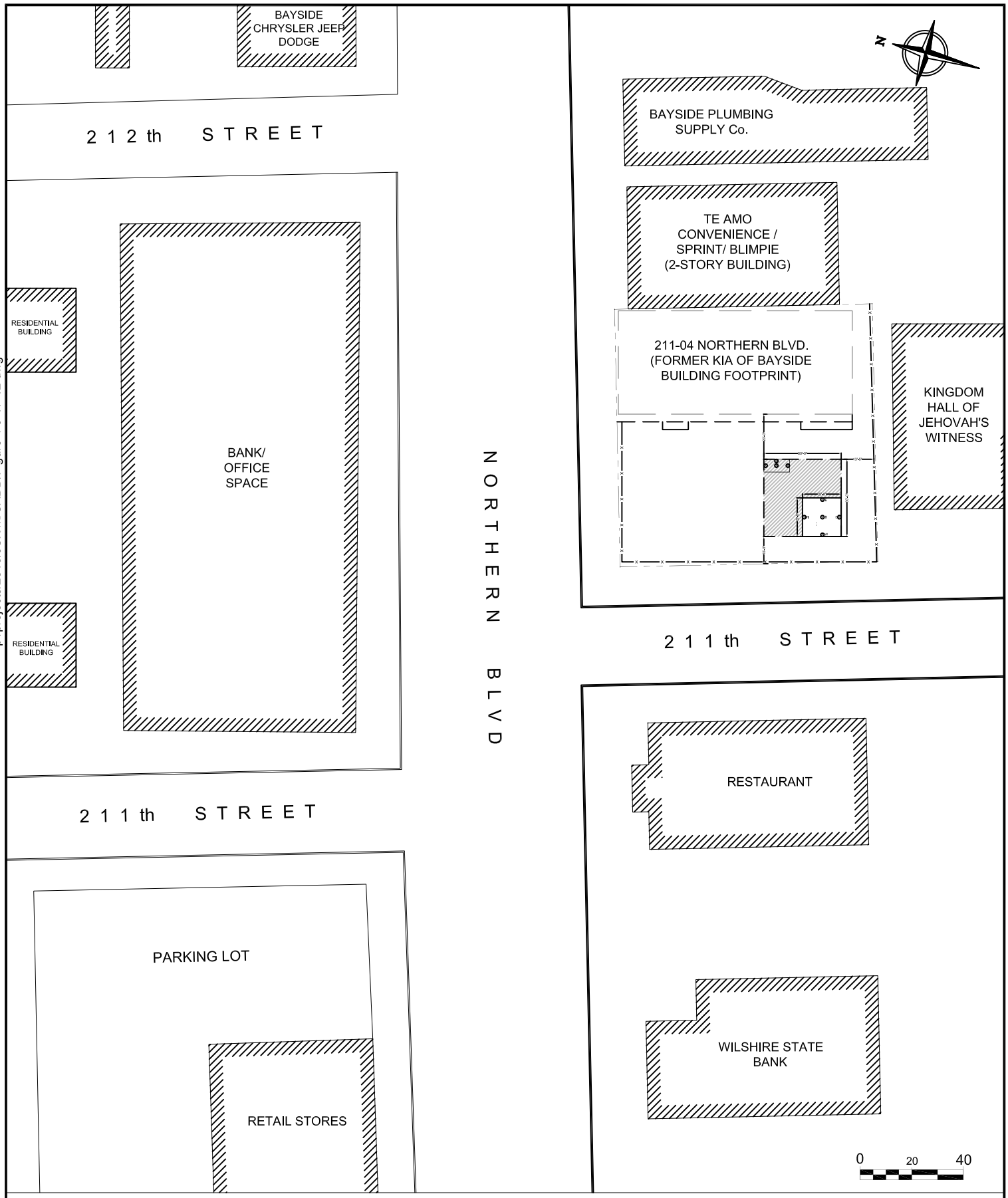
PREPARED BY:
J.R. HOLZMACHER P.E., LLC
The Third Generation of Excellence
In Water Supply, Water Resources,
Civil and Environmental Engineering
3555 VETERANS MEMORIAL HWY
SUITE A
RONKONKOMA, NEW YORK 11779
PHONE # (631) 234-2220
FAX # (631) 234-2221
E-MAIL: info@holzmacher.com

TITLE:

SITE PLAN
211-08 NORTHERN BOULEVARD
BAYSIDE, NEW YORK

DWN:	SCALE:	DATE:	PROJECT NO.:
AJZ	AS SHOWN	01-22-2015	JSKim10-01
CHKD:	APPD:	REV.:	NOTES:
JMD	JMD	-	-

FIGURE NO.: 2



p:/projects/2010/JSKim/CADD/Figure 4 5-17-12.dwg

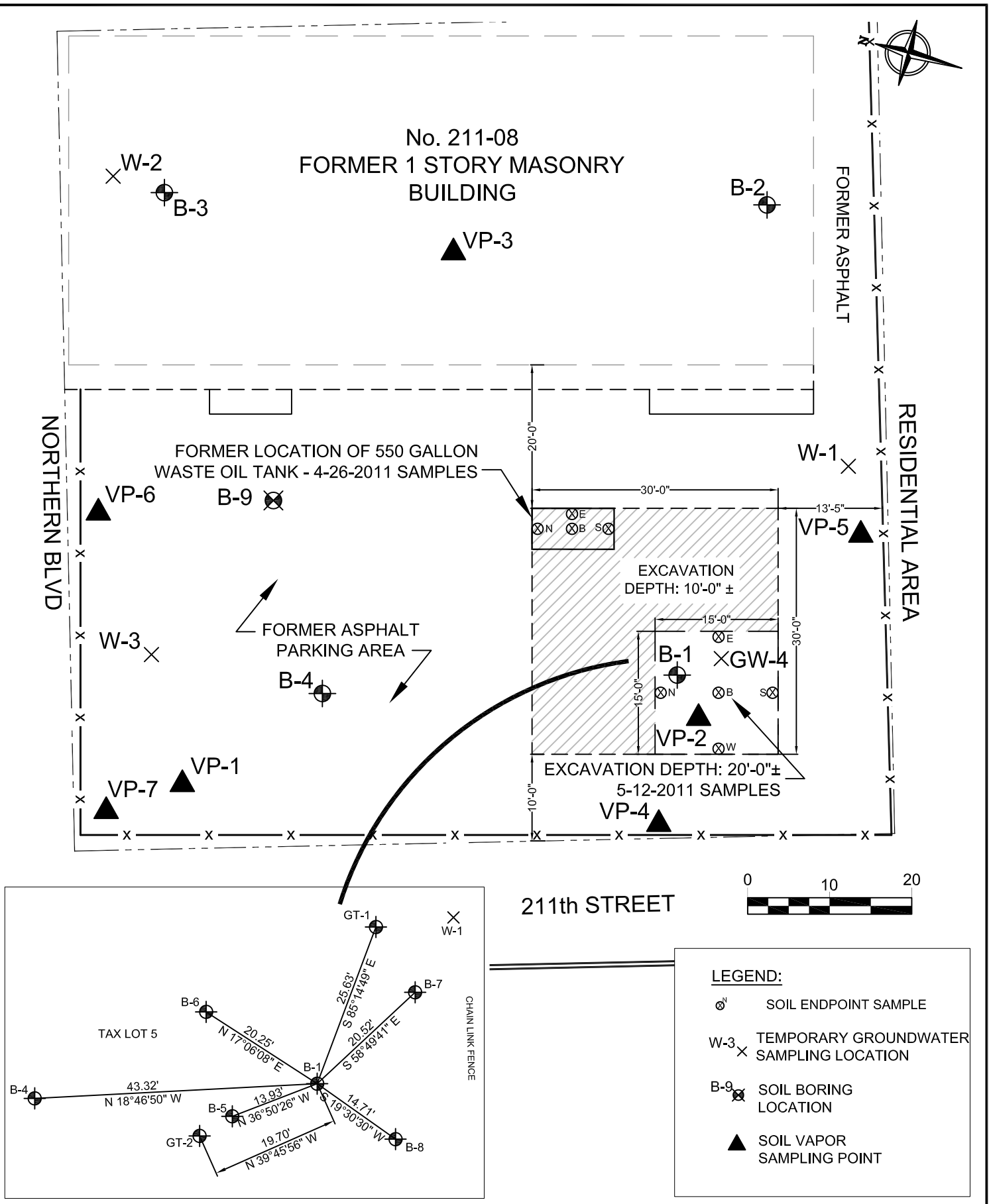
PREPARED BY:
J.R. HOLZMACHER P.E., LLC
The Third Generation of Excellence In Water Supply, Water Resources, Civil and Environmental Engineering
3555 VETERANS MEMORIAL HWY SUITE A RONKONKOMA, NEW YORK 11779
PHONE # (631) 234-2220 FAX # (631) 234-2221 E-MAIL: info@holzmacher.com

TITLE:

SURROUNDING PROPERTY USE
211-08 NORTHERN BOULEVARD
BAYSIDE, NEW YORK

DWN:	SCALE:	DATE:	PROJECT NO.:
AJZ	AS SHOWN	01-22-2015	JSKim10-01
CHKD:	APPD:	REV.:	NOTES:
JMD	JMD	-	-

FIGURE NO.: 3



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 HWY
SUITE A
RONKONKOMA, NEW YORK 11779

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

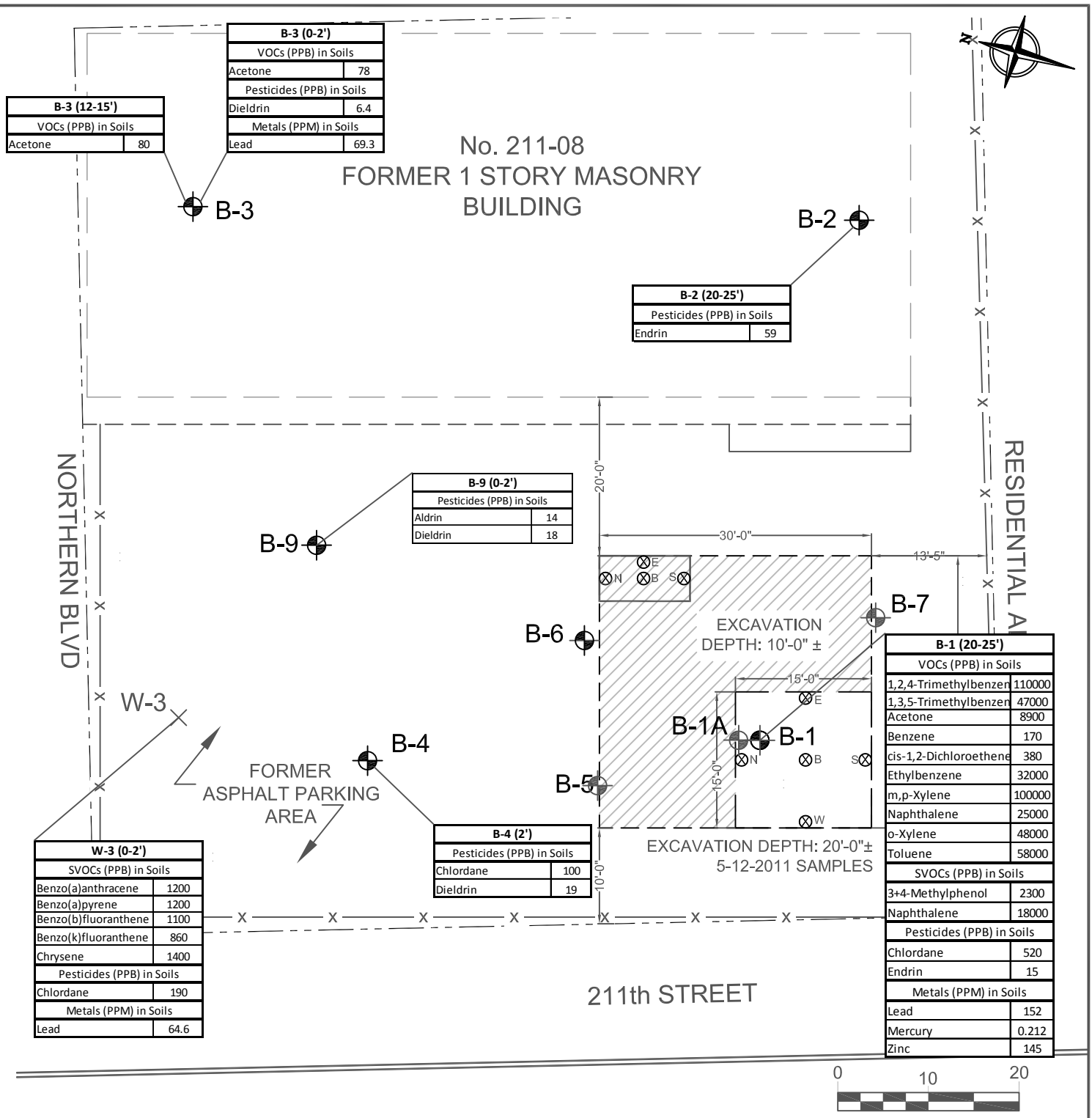
TITLE:

SAMPLING LOCATION MAP
211-08 NORTHERN BOULEVARD
BAYSIDE, NEW YORK

DWN:	SCALE:	DATE:	PROJECT NO.:
DGH	AS SHOWN	7-27-12	JSKim10-01
CHKD:	APPD:	REV.:	NOTES:
JMD	JMD	-	-

FIGURE NO.: 4

p:/projects/2010/JSKim/CADD/Figure 5 5-18-12.dwg



B-3 (0-2')	
VOCs (PPB) in Soils	
Acetone	78
Pesticides (PPB) in Soils	
Dieldrin	6.4
Metals (PPM) in Soils	
Lead	69.3

B-3 (12-15')	
VOCs (PPB) in Soils	
Acetone	80

B-2 (20-25')	
Pesticides (PPB) in Soils	
Endrin	59

B-9 (0-2')	
Pesticides (PPB) in Soils	
Aldrin	14
Dieldrin	18

B-4 (2')	
Pesticides (PPB) in Soils	
Chlordane	100
Dieldrin	19

W-3 (0-2')	
SVOCs (PPB) in Soils	
Benzo(a)anthracene	1200
Benzo(a)pyrene	1200
Benzo(b)fluoranthene	1100
Benzo(k)fluoranthene	860
Chrysene	1400
Pesticides (PPB) in Soils	
Chlordane	190
Metals (PPM) in Soils	
Lead	64.6

B-1 (20-25')	
VOCs (PPB) in Soils	
1,2,4-Trimethylbenzen	110000
1,3,5-Trimethylbenzen	47000
Acetone	8900
Benzene	170
cis-1,2-Dichloroethene	380
Ethylbenzene	32000
m,p-Xylene	100000
Naphthalene	25000
o-Xylene	48000
Toluene	58000
SVOCs (PPB) in Soils	
3+4-Methylphenol	2300
Naphthalene	18000
Pesticides (PPB) in Soils	
Chlordane	520
Endrin	15
Metals (PPM) in Soils	
Lead	152
Mercury	0.212
Zinc	145

LEGEND:

⊗W END POINT LOCATION

B-9 SOIL BORING LOCATION

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 HWY SUITE A RONKONKOMA, NEW YORK 11779

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

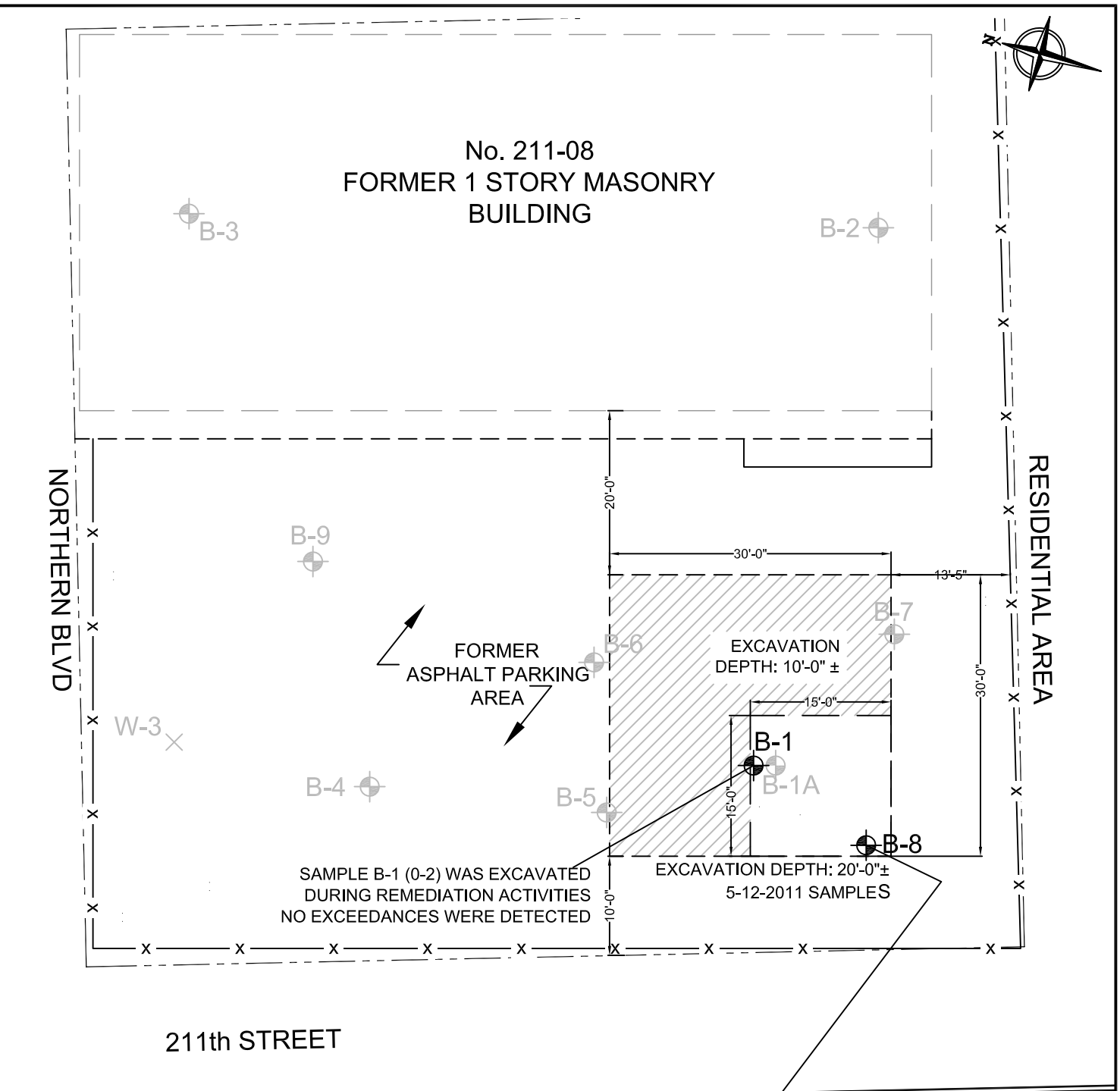
REMAINING ANALYTICAL SOIL DETECTIONS ABOVE TRACK 1

211-08 NORTHERN BOULEVARD
BAYSIDE, NEW YORK

DWN:	SCALE:	DATE:	PROJECT NO.:
DGH	N/A	2-11-15	JSKim10-01
CHKD:	APPD:	REV.:	NOTES:
PH	PH	-	-

FIGURE NO.: 5-1

drawing location on the server p:/projects/2010/MGLLC/CADD/08-22-11/Sheet 2-8_40Scale Site Plans 08-22-11.dwg



B-8 (15-20')	
VOCs (PPB) in Soils	
1,2,4-Trimethylbenzene	42000
1,3,5-Trimethylbenzene	11000
Ethylbenzene	3900
n-Propylbenzene	5400
o-Xylene	8000
Toluene	1200

0 10 20

LEGEND:

W-3 × SOIL SAMPLE LOCATION

B-9 ⊗ SOIL BORING LOCATION

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 HWY SUITE A RONKONKOMA, NEW YORK 11779
PHONE # (631) 234-2220 FAX # (631) 234-2221 E-MAIL: info@holzmacher.com

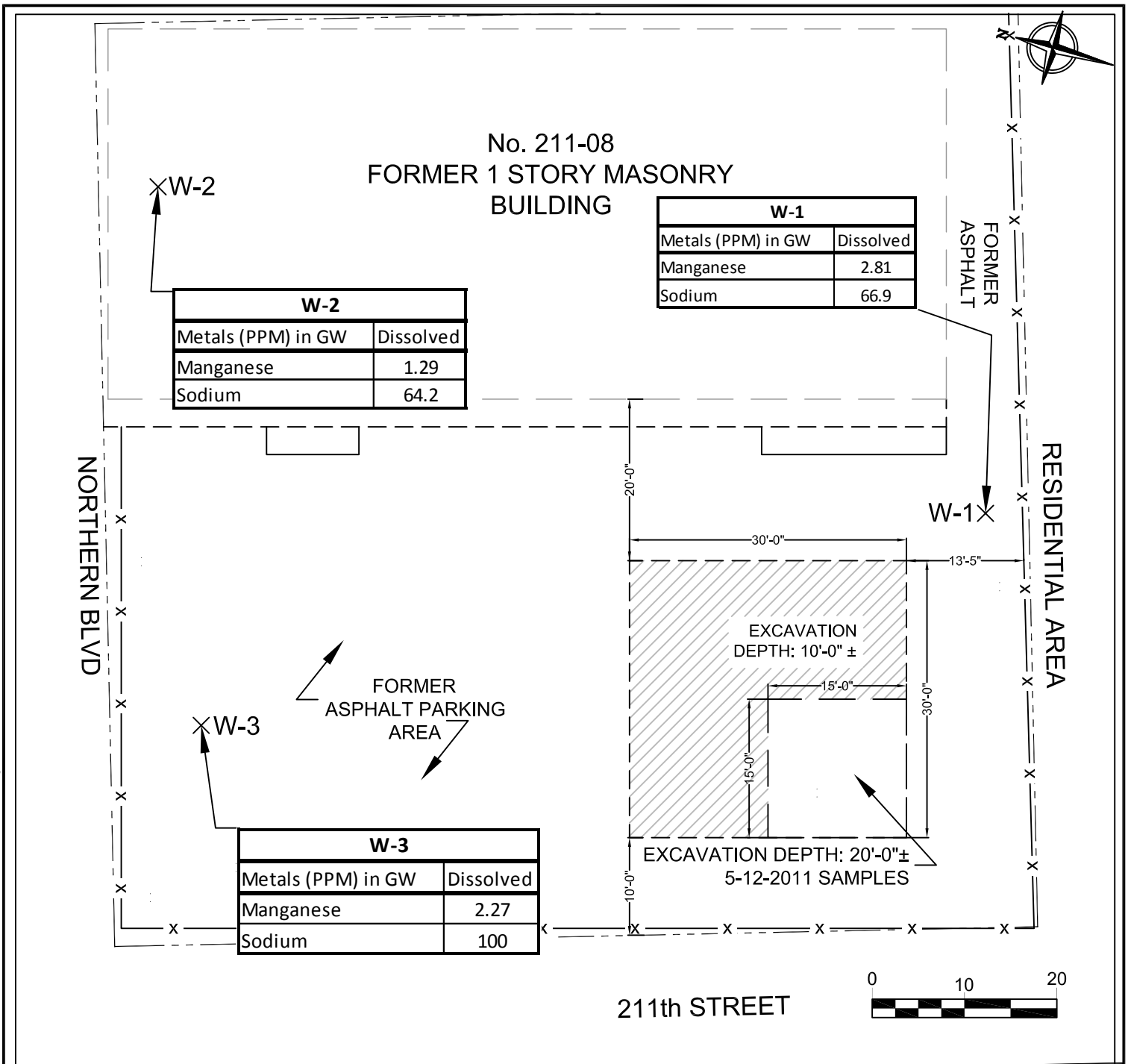
EXCAVATED ANALYTICAL SOIL DETECTIONS

DELINEATION INVESTIGATION - 8/7/11
211-08 NORTHERN BOULEVARD
BAYSIDE, NEW YORK

DWN:	SCALE:	DATE:	PROJECT NO.:
DGH	N/A	2-11-15	JSKim15-01
CHKD:	APPD:	REV.:	NOTES:
PH	PH	-	-

FIGURE NO.: 5-2

drawing location on the server p:/projects/2010/MGLLC/CADD/08-22-11/Sheet 2-8_40Scale Site Plans 08-22-11.dwg



W-1	
Metals (PPM) in GW	Dissolved
Manganese	2.81
Sodium	66.9

W-2	
Metals (PPM) in GW	Dissolved
Manganese	1.29
Sodium	64.2

W-3	
Metals (PPM) in GW	Dissolved
Manganese	2.27
Sodium	100

LEGEND:

W-3 × TEMPORARY GROUNDWATER SAMPLING LOCATION

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 HWY SUITE A RONKONKOMA, NEW YORK 11779
PHONE # (631) 234-2220 FAX # (631) 234-2221 E-MAIL: info@holzmacher.com

TITLE:

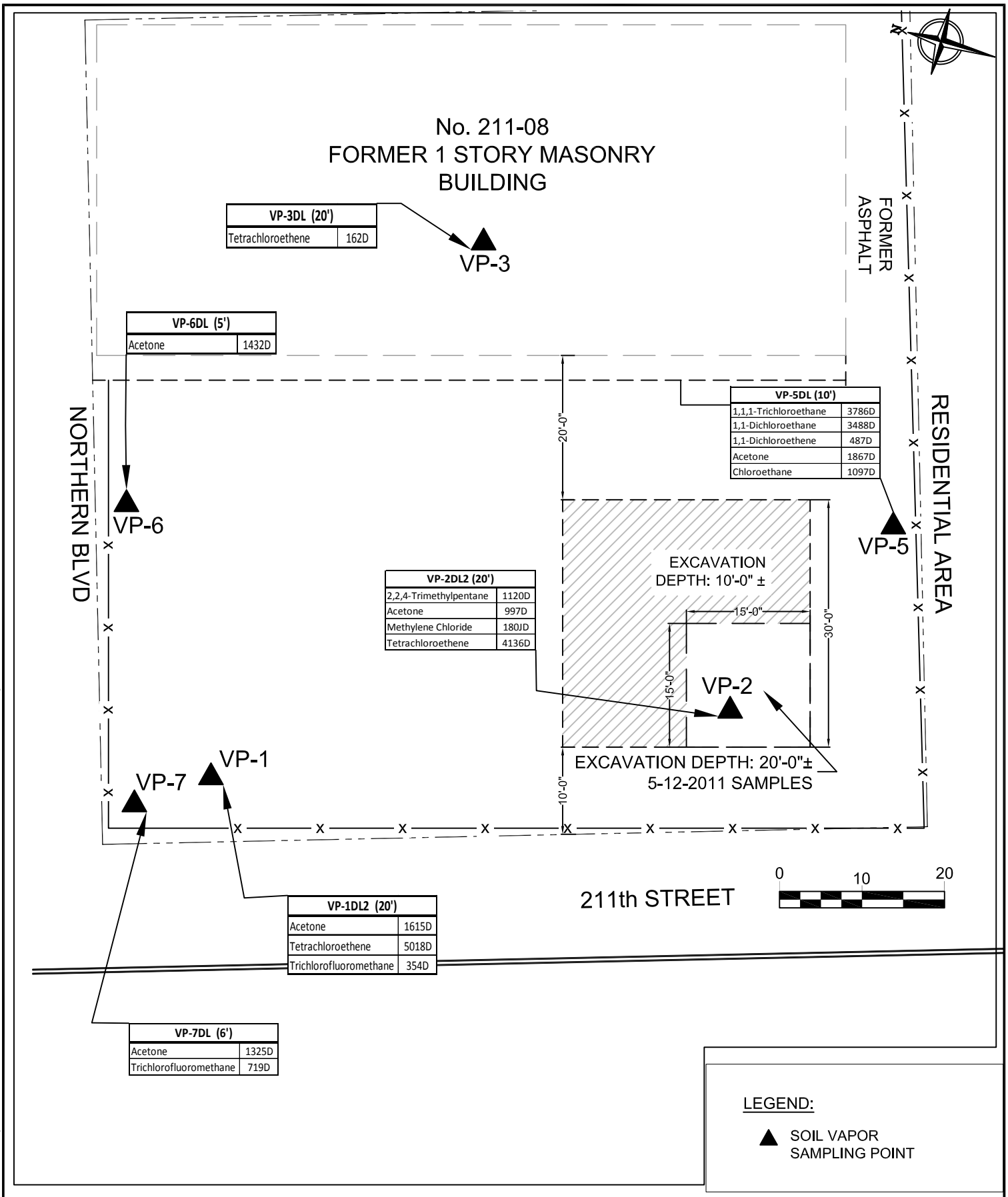
GROUND WATER SPIDER MAP

211-08 NORTHERN BOULEVARD
BAYSIDE, NEW YORK

DWN:	SCALE:	DATE:	PROJECT NO.:
FM	N/A	1/22/2015	JSK 15-01
CHKD:	APPD:	REV.:	NOTES:
PJH	PJH	-	-

FIGURE NO.: 6

drawing location on the server p:/projects/2010/MGLLC/CADD/08-22-11/Sheet 2-8_40Scale Site Plans 08-22-11.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 HWY
SUITE A
RONKONKOMA, NEW YORK 11779
PHONE # (631) 234-2220
FAX # (631) 234-2221
E-MAIL: info@holzmacher.com

SOIL VAPOR SPIDER MAP

211-08 NORTHERN BOULEVARD
BAYSIDE, NEW YORK

DWN:	SCALE:	DATE:	PROJECT NO.:
FM	N/A	1/22/2015	JSK 15-01
CHKD:	APPD:	REV.:	NOTES:
PJH	PJH	-	-

FIGURE NO.: 7

drawing location on the server p:/projects/2010/MGLLC/CADD/08-22-11/Sheet 2-8_40Scale Site Plans 08-22-11.dwg

Tables

211-08 Northern Blvd
Bayside, New York
OER#12EHAZ028Q

Volatile Organic Chemicals For Soils
EPA Method 8260
Table 1

SampleID:		**SCOs**	**SCOs**	**SCOs**	B-1*	B-1	B-1	B-2	B-2	B-3	B-3
		Unrestricted	**Restricted**	**Commercial**	0-2 ft	20-25 ft	32ft	0-2 ft	20-25 ft	0-2 ft	12-15 ft
Sampling Date:			**Residential**		06/22/07	06/22/07	08/20/07	06/21/07	06/21/07	06/21/07	06/21/07
Analyte	**Units:**	**Limits**	**Limits**	**Limits**							
1,1,1,2-Tetrachloroethane	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	PPB	**680**	**100000**	**500000**	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	PPB	**270**	**19000**	**240000**	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	PPB	**330**	**100000**	**500000**	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
1,2,4,5-Tetramethylbenzene	PPB	**NA**	**NA**	**NA**	ND	68000	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	PPB	**3600**	**47000**	**190000**	ND	**110000**	1.6J	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	PPB	**1100**	**100000**	**500000**	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	PPB	**20**	**2300**	**30000**	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	PPB	**8400**	**47000**	**190000**	ND	**47000**	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	PPB	**2400**	**17000**	**280000**	ND	ND	ND	ND	ND	ND	ND
1,3-dichloropropane	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	PPB	**1800**	**9800**	**130000**	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	PPB	**100**	**9800**	**130000**	NA	NA	NA	NA	NA	NA	NA
2,2-Dichloropropane	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
2-Butanone	PPB	**120**	**NA**	**500000**	ND	ND	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
2-Propanol	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
4-Isopropyltoluene	PPB	**NA**	**NA**	**NA**	ND	430	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
Acetone	PPB	**50**	**100000**	**500000**	ND	**8900**	ND	ND	ND	**78**	**80**
Acrolein	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
Benzene	PPB	**60**	**2900**	**44000**	ND	**170**	ND	ND	ND	ND	ND
Bromobenzene	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
Bromoform	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
Bromomethane	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	PPB	**760**	**1400**	**22000**	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	PPB	**1100**	**100000**	**500000**	ND	ND	ND	ND	ND	ND	ND
Chlorodifluoromethane	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
Chloroethane	PPB	**NA**	**NA**	**NA**	ND	28	ND	ND	ND	ND	ND
Chloroform	PPB	**370**	**10000**	**350000**	ND	ND	ND	ND	ND	ND	ND
Chloromethane	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	PPB	**250**	**59000**	**500000**	ND	**380**	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	PPB	**NA**	**NA**	**NA**	ND	4.2J	ND	ND	ND	ND	ND
Dibromomethane	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
Diisopropyl ether	PPB	**NA**	**NA**	**NA**	ND	1.2J	ND	ND	ND	ND	ND
Ethanol	PPB	**NA**	**NA**	**NA**	ND	44	ND	ND	ND	ND	ND
Ethyl acetate	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	PPB	**1000**	**30000**	**390000**	ND	**32000**	ND	ND	ND	ND	ND
Freon-114	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
Isopropyl acetate	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	PPB	**NA**	**NA**	**NA**	ND	300	ND	ND	ND	ND	3.5J
m,p-Xylene	PPB	**260**	**100000**	**500000**	ND	**100000**	1.9J	1.4J	ND	ND	1.3J
Methyl Acetate	PPB	**NA**	**NA**	**NA**	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	PPB	**930**	**62000**	**500000**	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	PPB	**50**	**51000**	**500000**	34B	95B	17B	ND	ND	ND	ND
n-Amyl acetate	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
Naphthalene	PPB	**12000**	**100000**	**500000**	ND	**25000**	ND	ND	ND	ND	ND
n-Butyl acetate	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	PPB	**12000**	**100000**	**500000**	ND	ND	ND	ND	ND	ND	21
n-Propyl acetate	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND

211-08 Northern Blvd
Bayside, New York
OER#12EHAZ028Q

Volatile Organic Chemicals For Soils
EPA Method 8260
Table 1

SampleID:		**SCOs**	**SCOs**	**SCOs**	B-1*	B-1	B-1	B-2	B-2	B-3	B-3
		Unrestricted	**Restricted**	**Commercial**	0-2 ft	20-25 ft	32ft	0-2 ft	20-25 ft	0-2 ft	12-15 ft
Sampling Date:			**Residential**		06/22/07	06/22/07	08/20/07	06/21/07	06/21/07	06/21/07	06/21/07
Analyte	**Units:**	**Limits**	**Limits**	**Limits**							
n-Propylbenzene	PPB	**3900**	**100000**	**500000**	ND	840	ND	ND	ND	ND	7.8
o-Xylene	PPB	**260**	**100000**	**500000**	ND	**48000**	0.57J	ND	ND	ND	ND
p-Diethylbenzene	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND	ND	ND	15
p-Ethyltoluene	PPB	**NA**	**NA**	**NA**	ND	300	ND	ND	ND	ND	4.0J
sec-Butylbenzene	PPB	**11000**	**100000**	**500000**	ND	210	ND	ND	ND	ND	ND
Styrene	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
t-Butyl alcohol	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	PPB	**5900**	**100000**	**500000**	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	PPB	**1300**	**5500**	**150000**	ND	32	0.80J	ND	ND	ND	ND
Toluene	PPB	**700**	**100000**	**500000**	ND	**58000**	1.1J	1.3J	ND	ND	1.0J
trans-1,2-Dichloroethene	PPB	**190**	**100000**	**500000**	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	PPB	**470**	**10000**	**200000**	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	PPB	**20**	**210**	**13000**	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
***Soil removed from site during Spill Remediation**

211-08 Northern Blvd
Bayside, New York
OER#12EHAZ028Q

Volatile Organic Chemicals For Soils
EPA Method 8260
Table 1

SampleID:		**SCOs**	**SCOs**	B-4	B-4	W-3	B-5	B-6	B-7	B-8*	B-8	B-9	B-9
		Unrestricted	**Restricted**	2 ft	25 ft	0-2 ft	32ft	30ft	30ft	15-20	30ft	0-2 ft	20-22 ft
Sampling Date:			**Residential**	06/22/07	06/22/07	06/22/07	08/20/07	08/20/07	08/20/07	08/20/07	08/20/07	4/5/2012	4/5/2012
Analyte	**Units:**	**Limits**	**Limits**										
1,1,1,2-Tetrachloroethane	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	PPB	**680**	**100000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	PPB	**NA**	**NA**	ND	ND	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	ND	ND
1,1,2-Trichloroethane	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	PPB	**270**	**19000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	PPB	**330**	**100000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4,5-Tetramethylbenzene	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	17000	ND	ND	ND
1,2,4-Trichlorobenzene	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	PPB	**3600**	**47000**	12	1.6J	ND	ND	ND	ND	**42000**	ND	ND	ND
1,2-Dibromo-3-chloropropane	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	PPB	**1100**	**100000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	PPB	**20**	**2300**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	PPB	**8400**	**47000**	3.0J	ND	ND	ND	ND	ND	**11000**	ND	ND	ND
1,3-Dichlorobenzene	PPB	**2400**	**17000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-dichloropropane	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	PPB	**1800**	**9800**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	PPB	**100**	**9800**	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND
2,2-Dichloropropane	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	PPB	**120**	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Propanol	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Isopropyltoluene	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	4100	ND	ND	ND
4-Methyl-2-pentanone	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	PPB	**50**	**100000**	39	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acrolein	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	PPB	**60**	**2900**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromobenzene	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	PPB	**760**	**1400**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	PPB	**1100**	**100000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodifluoromethane	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	PPB	**370**	**10000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	PPB	**250**	**59000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diisopropyl ether	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethanol	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl acetate	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	PPB	**1000**	**30000**	ND	ND	ND	ND	ND	ND	**3900**	ND	ND	ND
Freon-114	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropyl acetate	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	1400	ND	ND	ND
m,p-Xylene	PPB	**260**	**100000**	4.4J	ND	ND	ND	ND	ND	15000	ND	ND	ND
Methyl Acetate	PPB	**NA**	**NA**	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND
Methyl tert-butyl ether	PPB	**930**	**62000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	PPB	**50**	**51000**	24B	31B	35B	16B	17B	17B	2700	16B	5.3J	4.4J
n-Amyl acetate	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	PPB	**12000**	**100000**	ND	ND	ND	ND	ND	ND	5900	ND	ND	ND
n-Butyl acetate	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	PPB	**12000**	**100000**	ND	ND	ND	ND	ND	ND	2500	ND	ND	ND
n-Propyl acetate	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

211-08 Northern Blvd
Bayside, New York
OER#12EHAZ028Q

Volatile Organic Chemicals For Soils
EPA Method 8260
Table 1

SampleID:		**SCOs**	**SCOs**	B-4	B-4	W-3	B-5	B-6	B-7	B-8*	B-8	B-9	B-9
		Unrestricted	**Restricted**	2 ft	25 ft	0-2 ft	32ft	30ft	30ft	15-20	30ft	0-2 ft	20-22 ft
Sampling Date:			**Residential**	06/22/07	06/22/07	06/22/07	08/20/07	08/20/07	08/20/07	08/20/07	08/20/07	4/5/2012	4/5/2012
Analyte	**Units:**	**Limits**	**Limits**										
n-Propylbenzene	PPB	**3900**	**100000**	ND	ND	ND	ND	ND	ND	**5400**	ND	ND	ND
o-Xylene	PPB	**260**	**100000**	2.4J	ND	ND	ND	ND	ND	**8000**	ND	ND	ND
p-Diethylbenzene	PPB	**NA**	**NA**	16	ND	ND	ND	ND	ND	25000	ND	ND	ND
p-Ethyltoluene	PPB	**NA**	**NA**	6.0	ND	ND	ND	ND	ND	29000	ND	ND	ND
sec-Butylbenzene	PPB	**11000**	**100000**	ND	ND	ND	ND	ND	ND	1700	ND	ND	ND
Styrene	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
t-Butyl alcohol	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	PPB	**5900**	**100000**	ND	ND	ND	ND	ND	ND	4100	ND	ND	ND
Tetrachloroethene	PPB	**1300**	**5500**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	PPB	**700**	**100000**	2.7J	0.73J	ND	ND	ND	ND	**1200**	ND	ND	ND
trans-1,2-Dichloroethene	PPB	**190**	**100000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	PPB	**470**	**10000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	PPB	**20**	**210**	ND	ND	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
***Soil removed from site during Spill Remediation**

211-08 Northern Blvd
Bayside, New York
OER#12EHAZ028Q

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

SampleID:		**SCOs**	**SCOs**	**SCOs**	B-1*	B-1	B-2	B-2
		Unrestricted	**Restricted**	**Commercial**	0-2 ft	20-25 ft	0-2 ft	20-25 ft
Sampling Date:			**Residential**		06/22/07	06/22/07	06/21/07	06/21/07
Analyte	**Units:**	**Limits**	**Limits**	**Limits**				
1,2,4-Trichlorobenzene	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND
1,2-Dichlorobenzene	PPB	**1100**	**100000**	**500000**	ND	390J	ND	ND
1,3-Dichlorobenzene	PPB	**2400**	**17000**	**280000**	ND	510	ND	ND
1,4-Dichlorobenzene	PPB	**1800**	**9800**	**130000**	ND	ND	ND	ND
2,4,5-Trichlorophenol	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND
2,4,6-Trichlorophenol	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND
2,4-Dichlorophenol	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND
2,4-Dimethylphenol	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND
2,4-Dinitrophenol	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND
2,4-Dinitrotoluene	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND
2,6-Dinitrotoluene	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND
2-Chloronaphthalene	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND
2-Chlorophenol	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND
2-Methylnaphthalene	PPB	**NA**	**NA**	**NA**	ND	30000	ND	ND
2-Methylphenol	PPB	**330**	**100000**	**500000**	ND	ND	ND	ND
2-Nitroaniline	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND
2-Nitrophenol	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND
3,3´-Dichlorobenzidine	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND
3+4-Methylphenol	PPB	**330**	**100000**	**500000**	ND	**2300**	ND	ND
3-Nitroaniline	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND
4-Bromophenyl phenyl ether	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND
4-Chloro-3-methylphenol	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND
4-Chloroaniline	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND
4-Chlorophenyl phenyl ether	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND
4-Nitroaniline	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND
4-Nitrophenol	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND
Acenaphthene	PPB	**20000**	**100000**	**500000**	ND	ND	ND	ND
Acenaphthylene	PPB	**100000**	**100000**	**500000**	ND	ND	ND	ND
Acetophenone	PPB	**NA**	**NA**	**NA**	NA	NA	NA	NA
Aniline	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND
Anthracene	PPB	**100000**	**100000**	**500000**	ND	ND	ND	ND
Atrazine	PPB	**NA**	**NA**	**NA**	NA	NA	NA	NA
Azobenzene	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND
Benzaldehyde	PPB	**NA**	**NA**	**NA**	NA	NA	NA	NA
Benzidine	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND
Benzo(a)anthracene	PPB	**1000**	**1000**	**5600**	ND	990	ND	ND
Benzo(a)pyrene	PPB	**1000**	**1000**	**1000**	ND	ND	ND	ND
Benzo(b)fluoranthene	PPB	**1000**	**1000**	**5600**	ND	ND	ND	ND
Benzo(g,h,i)perylene	PPB	**100000**	**100000**	**500000**	ND	ND	ND	ND
Benzo(k)fluoranthene	PPB	**800**	**1000**	**56000**	ND	ND	ND	ND
Benzoic acid	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND
Benzyl alcohol	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND
Biphenyl	PPB	**NA**	**NA**	**NA**	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND
Bis(2-chloroethyl)ether	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	PPB	**NA**	**NA**	**NA**	ND	9200	ND	ND
Butyl benzyl phthalate	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND
Caprolactam	PPB	**NA**	**NA**	**NA**	NA	NA	NA	NA
Carbazole	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND
Chrysene	PPB	**1000**	**1000**	**56000**	ND	920	ND	ND
Dibenzo(a,h)anthracene	PPB	**330**	**330**	**560**	ND	ND	ND	ND
Dibenzofuran	PPB	**7000**	**14000**	**350000**	ND	ND	ND	ND
Diethyl phthalate	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND
Dimethyl phthalate	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND
Di-n-butyl phthalate	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND
Di-n-octyl phthalate	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND
Fluoranthene	PPB	**100000**	**100000**	**500000**	ND	1300	ND	140

211-08 Northern Blvd
Bayside, New York
OER#12EHAZ028Q

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

SampleID:		**SCOs**	**SCOs**	**SCOs**	B-1*	B-1	B-2	B-2
		Unrestricted	**Restricted**	**Commercial**	0-2 ft	20-25 ft	0-2 ft	20-25 ft
Sampling Date:			**Residential**		06/22/07	06/22/07	06/21/07	06/21/07
Analyte	**Units:**	**Limits**	**Limits**	**Limits**				
Fluorene	PPB	**30000**	**100000**	**500000**	ND	1200	ND	ND
Hexachlorobenzene	PPB	**330**	**NA**	**6000**	ND	ND	ND	ND
Hexachlorobutadiene	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND
Hexachlorocyclopentadiene	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND
Hexachloroethane	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	PPB	**500**	**500**	**5600**	ND	ND	ND	ND
Isophorone	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND
Naphthalene	PPB	**12000**	**100000**	**500000**	ND	**18000**	ND	ND
Nitrobenzene	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND
N-Nitrosodimethylamine	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND
N-Nitrosodi-n-propylamine	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND
N-Nitrosodiphenylamine	PPB	**NA**	**NA**	**NA**	ND	ND	ND	ND
Parathion	PPB	**NA**	**NA**	**NA**	NA	NA	NA	NA
Pentachlorophenol	PPB	**800**	**2400**	**6700**	ND	ND	ND	ND
Phenanthrene	PPB	**100000**	**100000**	**500000**	ND	2700	ND	92J
Phenol	PPB	**330**	**100000**	**500000**	ND	ND	ND	ND
Pyrene	PPB	**100000**	**100000**	**500000**	ND	2800	ND	140
Pyridine	PPB	**NA**	**NA**	**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
***Soil removed from site during Spill Remediation**

211-08 Northern Blvd
Bayside, New York
OER#12EHAZ028Q

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

SampleID:		**SCOs**	**SCOs**	B-3	B-3	B-4	B-4	W-3	B-9	B-9
		Unrestricted	**Restricted**	0-2 ft	12-15 ft	2 ft	25 ft	0-2 ft	0-2 ft	20-22 ft
Sampling Date:			**Residential**	06/21/07	06/21/07	06/22/07	06/22/07	06/22/07	4/5/2012	4/5/2012
Analyte	**Units:**	**Limits**	**Limits**							
1,2,4-Trichlorobenzene	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	PPB	**1100**	**100000**	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	PPB	**2400**	**17000**	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	PPB	**1800**	**9800**	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	PPB	**330**	**100000**	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
3,3´-Dichlorobenzidine	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
3+4-Methylphenol	PPB	**330**	**100000**	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenyl ether	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenyl ether	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	PPB	**20000**	**100000**	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	PPB	**100000**	**100000**	ND	ND	ND	ND	ND	ND	ND
Acetophenone	PPB	**NA**	**NA**	NA	NA	NA	NA	NA	ND	ND
Aniline	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
Anthracene	PPB	**100000**	**100000**	ND	ND	ND	ND	350	ND	ND
Atrazine	PPB	**NA**	**NA**	NA	NA	NA	NA	NA	ND	ND
Azobenzene	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
Benzaldehyde	PPB	**NA**	**NA**	NA	NA	NA	NA	NA	ND	ND
Benzidine	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	PPB	**1000**	**1000**	ND	ND	ND	ND	**1200**	ND	ND
Benzo(a)pyrene	PPB	**1000**	**1000**	ND	ND	ND	ND	**1200**	ND	ND
Benzo(b)fluoranthene	PPB	**1000**	**1000**	ND	ND	ND	ND	**1100**	ND	ND
Benzo(g,h,i)perylene	PPB	**100000**	**100000**	ND	ND	ND	ND	690	ND	ND
Benzo(k)fluoranthene	PPB	**800**	**1000**	ND	ND	ND	ND	**860**	ND	ND
Benzoic acid	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
Benzyl alcohol	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
Biphenyl	PPB	**NA**	**NA**	NA	NA	NA	NA	NA	ND	ND
Bis(2-chloroethoxy)methane	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
Caprolactam	PPB	**NA**	**NA**	NA	NA	NA	NA	NA	ND	ND
Carbazole	PPB	**NA**	**NA**	ND	ND	ND	ND	190	ND	ND
Chrysene	PPB	**1000**	**1000**	ND	ND	ND	ND	**1400**	ND	ND
Dibenzo(a,h)anthracene	PPB	**330**	**330**	ND	ND	ND	ND	150	ND	ND
Dibenzofuran	PPB	**7000**	**14000**	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	PPB	**100000**	**100000**	ND	ND	ND	ND	2900	ND	ND

211-08 Northern Blvd
Bayside, New York
OER#12EHAZ028Q

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

SampleID:		**SCOs**	**SCOs**	B-3	B-3	B-4	B-4	W-3	B-9	B-9
		Unrestricted	**Restricted**	0-2 ft	12-15 ft	2 ft	25 ft	0-2 ft	0-2 ft	20-22 ft
Sampling Date:			**Residential**	06/21/07	06/21/07	06/22/07	06/22/07	06/22/07	4/5/2012	4/5/2012
Analyte	**Units:**	**Limits**	**Limits**							
Fluorene	PPB	**30000**	**100000**	ND	ND	ND	ND	120J	ND	ND
Hexachlorobenzene	PPB	**330**	**NA**	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	PPB	**500**	**500**	ND	ND	ND	ND	ND	ND	ND
Isophorone	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
Naphthalene	PPB	**12000**	**100000**	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodimethylamine	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodi-n-propylamine	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	PPB	**NA**	**NA**	ND	ND	ND	ND	ND	ND	ND
Parathion	PPB	**NA**	**NA**	NA	NA	NA	NA	NA	ND	ND
Pentachlorophenol	PPB	**800**	**2400**	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	PPB	**100000**	**100000**	ND	ND	ND	ND	1700	ND	ND
Phenol	PPB	**330**	**100000**	ND	ND	ND	ND	ND	ND	ND
Pyrene	PPB	**100000**	**100000**	ND	96J	ND	ND	2700	ND	ND
Pyridine	PPB	**NA**	**NA**	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
***Soil removed from site during Spill Remediation**

211-08 Northern Blvd
Bayside, New York
OER#12EHAZ028Q

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

SampleID:		**SCOs**	**SCOs**	**SCOs**	B-1*	B-1	B-1	B-5	B-6	B-7	B-8*	B-8
		Unrestricted	**Restricted**	**Commercial**	0-2 ft	20-25 ft	32ft	32ft	30ft	30ft	15-20	30ft
Sampling Date:			**Residential**		06/22/07	06/22/07	08/20/07	08/20/07	08/20/07	08/20/07	08/20/07	08/20/07
Analyte	**Units:**	**Limits**	**Limits**	**Limits**								
Acenaphthene	PPB	**20**	**100000**	**500000**	ND	ND	ND	ND	ND	ND	250	ND
Acenaphthylene	PPB	**100**	**100000**	**500000**	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	PPB	**100**	**100000**	**500000**	ND	560	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	PPB	**1**	**1000**	**5600**	ND	990	ND	ND	ND	ND	360	ND
Benzo(a)pyrene	PPB	**1**	**1000**	**1000**	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	PPB	**1**	**1000**	**5600**	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	PPB	**100**	**100000**	**500000**	ND	ND	230	ND	ND	ND	560	ND
Benzo(k)fluoranthene	PPB	**0.8**	**1000**	**56000**	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	PPB	**1**	**1000**	**56000**	ND	920	ND	ND	ND	ND	350	ND
Dibenzo(a,h)anthracene	PPB	**0.33**	**330**	**560**	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	PPB	**100**	**100000**	**500000**	ND	1300	ND	ND	ND	ND	390	ND
Fluorene	PPB	**30**	**100000**	**500000**	ND	1200	ND	ND	ND	ND	420	ND
Indeno(1,2,3-c,d)pyrene	PPB	**0.5**	**500**	**5600**	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	PPB	**100**	**100000**	**500000**	ND	2700	ND	ND	ND	ND	1300	ND
Pyrene	PPB	**100**	**100000**	**500000**	ND	2800	ND	ND	ND	ND	790	ND

Notes:
All results in ppb
ND - Not detected
***Soil removed from site during Spill Remediation**

211-08 Northern Blvd
Bayside, New York
OER#12EHAZ028Q

Pesticides in Soil Method 8081
Table 3

SampleID:		**SCOs**	**SCOs**	**SCOs**	B-1*	B-1	B-2	B-2	B-3	B-3	B-4	B-4	W-3	B-9	B-9
		Unrestricted	**Restricted**	**Commercial**	0-2 ft	20-25 ft	0-2 ft	20-25 ft	0-2 ft	12-15 ft	2 ft	25 ft	0-2 ft	0-2 ft	20-22 ft
Sampling Date:			**Residential**		06/22/07	06/22/07	06/21/07	06/21/07	06/21/07	06/21/07	06/22/07	06/22/07	06/22/07	4/5/2012	4/5/2012
Analyte	**Units:**	**Limits**	**Limits**	**Limits**											
4,4´-DDD	PPB	3.3	2600	**92000**	ND	ND	ND	ND	1.3	ND	ND	ND	8.7	0.87	ND
4,4´-DDE	PPB	3.3	1800	**62000**	0.62	2.8	ND	0.54	0.78	0.28	0.57	ND	1.2	2.6	0.11J
4,4´-DDT	PPB	3.3	1700	**47000**	0.33	ND	ND	ND	1.5	ND	0.72	0.96	0.4	ND	0.27J
Aldrin	PPB	5	19	**680**	0.96	ND	ND	ND	0.28	ND	4.4	ND	ND	**14**	0.52
alpha-BHC	PPB	20	97	**3400**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
beta-BHC	PPB	36	72	**24000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlordane	PPB	94	910	**3000**	45	**520**	ND	ND	ND	ND	**100**	ND	**190**	67	14
Chlorobenzilate	PPB	NA	NA	**NA**	ND	ND	ND	ND	25	ND	ND	ND	ND	ND	ND
DBCP	PPB	NA	NA	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
delta-BHC	PPB	40	100000	**500000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	PPB	5	39	**1400**	3.4	ND	ND	ND	**6.4**	ND	**19**	ND	ND	**18**	0.63P
Endosulfan I	PPB	2400	4800	**200000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan II	PPB	2400	4800	**200000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	PPB	2400	4800	**200000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	PPB	14	2200	**89000**	ND	**15**	ND	**59**	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	PPB	NA	NA	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin ketone	PPB	NA	NA	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
gamma-BHC	PPB	100	280	**9200**	ND	ND	ND	ND	ND	ND	ND	ND	19	ND	ND
Heptachlor	PPB	42	420	**15000**	1.1	ND	ND	ND	ND	ND	2.5	ND	1.6	3.4P	1.6
Heptachlor epoxide	PPB	NA	NA	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.2P	0.59P
Hexachlorobenzene	PPB	330	NA	**6000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	PPB	NA	NA	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	PPB	NA	NA	**NA**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	PPB	NA	NA	**NA**	ND	ND	ND	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
P->40% diff for detected conc between the two GC colums
***Soil removed from site during Spill Remediation**

J.R. Holzmacher P.E., LLC
Consulting Engineers

211-08 Northern Blvd
Bayside, New York
OER#12EHAZ028Q

PCBs in Soil Method 8082
Table 4

SampleID:		**SCOs**	**SCOs**	**SCOs**	B-1*	B-1	B-2	B-2	B-3	B-3	B-4	B-4	W-3	B-9	B-9
		Unrestricted	**Restricted**	**Commercial**	0-2 ft	20-25 ft	0-2 ft	20-25 ft	0-2 ft	12-15 ft	2 ft	25 ft	0-2 ft	0-2 ft	20-22 ft
Sampling Date:			**Residential**		06/22/07	06/22/07	06/21/07	06/21/07	06/21/07	06/21/07	06/22/07	06/22/07	06/22/07	4/5/2012	4/5/2012
Analyte	**Units:**	**Limits**	**Limits**	**Limits**											
Aroclor 1016	PPB	100	**1000**	**1000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1221	PPB	100	**1000**	**1000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1232	PPB	100	**1000**	**1000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1242	PPB	100	**1000**	**1000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1248	PPB	100	**1000**	**1000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1254	PPB	100	**1000**	**1000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1260	PPB	100	**1000**	**1000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1262	PPB	100	**1000**	**1000**	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND
Aroclor 1268	PPB	100	**1000**	**1000**	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND

Notes:

All results in ppb

ND - Not detected

***Soil removed from site during Spill Remediation**

211-08 Northern Blvd
Bayside, New York
OER#12EHAZ028Q

TAL Metals Analysis
Table 5

SampleID:		**SCOs**	**SCOs**	**SCOs**	B-1*	B-1	B-2	B-2	B-3	B-3	B-4	B-4	W-3	B-9	B-9
		Unrestricted	**Restricted**	**Commercial**	0-2 ft	20-25 ft	0-2 ft	20-25 ft	0-2 ft	12-15 ft	2 ft	25 ft	0-2 ft	0-2 ft	20-22 ft
Sampling Date:			**Residential**		06/22/07	06/22/07	06/21/07	06/21/07	06/21/07	06/21/07	06/22/07	06/22/07	06/22/07	4/5/2012	4/5/2012
Analyte	**Units:**	**Limits**	**Limits**	**Limits**											
Aluminum	PPM	NA	**NA**	**NA**	7350	4410	8740	1650	5620	4840	6020	2010	10200	4300	2580
Antimony	PPM	NA	**NA**	**NA**	ND	ND	0.572	ND	0.399	ND	ND	ND	ND	ND	ND
Arsenic	PPM	13	**16**	**16**	2.42	1.62	2.9	0.685	8.19	0.700	2.79	1.41	3.16	1.24	0.479J
Barium	PPM	350	**350**	**400**	32.3	56.7	178	8.61	35.9	34	37.4	11.3	47.6	22.9	16.6
Beryllium	PPM	7.2	**14**	**590**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	PPM	2.5	**2.5**	**9.3**	ND	1.21	ND	ND	0.220	ND	ND	ND	ND	ND	ND
Calcium	PPM	NA	**NA**	**NA**	5290	747	2490	5100	27800	389	8040	2800	8570	7460	694
Chromium	PPM	30	**36**	**NA**	13.3	11.9	21.8	2.97	9.42	15.5	12.6	4.17	14.6	18.4	6.79
Cobalt	PPM	NA	**NA**	**NA**	ND	ND	4.72	ND	ND	ND	ND	ND	ND	0.398J	ND
Copper	PPM	50	**270**	**270**	13.5	24.7	17.4	4.18	12.4	15.9	13	5.36	14.4	9.38	5.29
Iron	PPM	NA	**NA**	**NA**	10600	3380	12000	2390	3590	10000	4180	3030	10800	13400	6540
Lead	PPM	63	**400**	**1000**	13.4	**152**	57.8	1.23	**69.3**	3	36.7	1.77	**64.6**	10.2	1.96
Magnesium	PPM	NA	**NA**	**NA**	2340	1270	2040	1410	17400	1280	2220	1580	4710	3480	1090
Manganese	PPM	1600	**2000**	**10000**	185	48.3	136	73.4	135	121	162	104	172	219	157
Mercury	PPM	0.18	**0.81**	**2.8**	0.0174	**0.212**	0.163	0.00478	0.0563	0.00494	0.0375	0.0095	0.0587	0.00677J	ND
Nickel	PPM	30	**140**	**310**	11.8	10.5	13.7	3.49	8.03	16.1	11.6	4.88	12.4	17.7	5.61
Potassium	PPM	NA	**NA**	**NA**	1270	1150	940	338	1020	1460	1210	484	1060	976	410
Selenium	PPM	3.9	**36**	**1500**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	PPM	2	**36**	**1500**	ND	0.119	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sodium	PPM	NA	**NA**	**NA**	231	224	228	136	345	211	255	128	209	47.6	51.4
Thallium	PPM	NA	**NA**	**NA**	ND	ND	ND	ND	0.663	ND	ND	ND	ND	ND	ND
Vanadium	PPM	NA	**NA**	**NA**	19.8	14.8	20.1	3.63	12.9	18.5	16.4	5.45	18.8	17.5	7.31
Zinc	PPM	109	**2200**	**10000**	25.8	**145**	102	7.71	33.9	18.3	44.4	9.27	57.8	25.2	10.8

Notes:

All results in ppb

ND - Not detected

***Soil removed from site during Spill Remediation**

211-08 Northern Blvd
Bayside, NY
NYSDEC #0704037
550 Gallon Tank Removal
OER#12EHAZ028Q

Volatile Organic Chemicals for Soils
EPA Method 8260
Table 6

SampleID:		SCOs	SCOs	SCOs	550-B	550-E	550-N	550-S
		Unrestricted	Restricted	Commercial	Bottom	East	North	South
Sampling Date:			Residential		10'	10'	10'	10'
Analyte	Units:	Limits	Limits	Limits	04/26/2011	04/26/2011	04/26/2011	04/26/2011
1,1,1,2-Tetrachloroethane	PPM	NA	NA	NA	ND	ND	ND	ND
1,1,1-Trichloroethane	PPM	500	100000	500000	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	PPM	0.6	NA	NA	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	PPM	6	NA	NA	ND	ND	ND	ND
1,1,2-Trichloroethane	PPM	NA	NA	NA	ND	ND	ND	ND
1,1-Dichloroethane	PPM	240	19000	240000	ND	ND	ND	ND
1,1-Dichloroethene	PPM	500	100000	500000	ND	ND	ND	ND
1,1-Dichloropropene	PPM	NA	NA	NA	ND	ND	ND	ND
1,2,3-Trichlorobenzene	PPM	NA	NA	NA	ND	ND	ND	ND
1,2,3-Trichloropropane	PPM	0.4	NA	NA	ND	ND	ND	ND
1,2,4,5-Tetramethylbenzene	PPM	10	NA	NA	0.0023	ND	0.0015	0.0015
1,2,4-Trichlorobenzene	PPM	190	NA	NA	ND	ND	ND	ND
1,2,4-Trimethylbenzene	PPM	3.6	47000	190000	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	PPM	NA	NA	NA	ND	ND	ND	ND
1,2-Dibromoethane	PPM	NA	NA	NA	ND	ND	ND	ND
1,2-Dichlorobenzene	PPM	500	100000	500000	ND	ND	ND	ND
1,2-Dichloroethane	PPM	30	2300	30000	ND	ND	ND	ND
1,2-Dichloropropane	PPM	NA	NA	NA	ND	ND	ND	ND
1,3,5-Trimethylbenzene	PPM	8.4	47000	190000	ND	ND	ND	ND
1,3-Dichlorobenzene	PPM	280	17000	280000	ND	ND	ND	ND
1,3-dichloropropane	PPM	0.3	NA	NA	ND	ND	ND	ND
1,4-Dichlorobenzene	PPM	130	9800	130000	ND	ND	ND	ND
1,4-Dioxane	PPM	130	9800	130000	ND	ND	ND	ND
2,2-Dichloropropane	PPM	NA	NA	NA	ND	ND	ND	ND
2-Butanone	PPM	0.3	NA	500000	ND	ND	ND	ND
2-Chloroethyl vinyl ether	PPM	NA	NA	NA	ND	ND	ND	ND
2-Chlorotoluene	PPM	NA	NA	NA	ND	ND	ND	ND
2-Hexanone	PPM	NA	NA	NA	ND	ND	ND	ND
2-Propanol	PPM	NA	NA	NA	ND	ND	ND	ND
4-Chlorotoluene	PPM	NA	NA	NA	ND	ND	ND	ND
4-Isopropyltoluene	PPM	10	NA	NA	ND	ND	ND	ND
4-Methyl-2-pentanone	PPM	1.0	NA	NA	ND	ND	ND	ND
Acetone	PPM	500	100000	500000	ND	ND	ND	ND
Acrolein	PPM	NA	NA	NA	ND	ND	ND	ND
Acrylonitrile	PPM	NA	NA	NA	ND	ND	ND	ND
Benzene	PPM	0.06	2900	44000	ND	ND	ND	ND
Bromobenzene	PPM	NA	NA	NA	ND	ND	ND	ND
Bromochloromethane	PPM	NA	NA	NA	ND	ND	ND	ND
Bromodichloromethane	PPM	NA	NA	NA	ND	ND	ND	ND
Bromoform	PPM	NA	NA	NA	ND	ND	ND	ND
Bromomethane	PPM	NA	NA	NA	ND	ND	ND	ND
Carbon disulfide	PPM	2.7	NA	NA	ND	ND	ND	ND
Carbon tetrachloride	PPM	22	1400	22000	ND	ND	ND	ND
Chlorobenzene	PPM	500	100000	500000	ND	ND	ND	ND
Chlorodifluoromethane	PPM	NA	NA	NA	ND	ND	ND	ND
Chloroethane	PPM	1.9	NA	NA	ND	ND	ND	ND
Chloroform	PPM	350	10000	350000	ND	ND	ND	ND
Chloromethane	PPM	NA	NA	NA	ND	ND	ND	ND
cis-1,2-Dichloroethene	PPM	500	59000	500000	ND	ND	ND	ND
cis-1,3-Dichloropropene	PPM	NA	NA	NA	ND	ND	ND	ND
Dibromochloromethane	PPM	NA	NA	NA	ND	ND	ND	ND
Dibromomethane	PPM	NA	NA	NA	ND	ND	ND	ND
Dichlorodifluoromethane	PPM	NA	NA	NA	ND	ND	ND	ND
Diisopropyl ether	PPM	NA	NA	NA	ND	ND	ND	ND
Ethanol	PPM	NA	NA	NA	ND	ND	ND	ND
Ethyl acetate	PPM	NA	NA	NA	ND	ND	ND	ND
Ethylbenzene	PPM	1	30000	390000	ND	ND	ND	ND
Freon-114	PPM	NA	NA	NA	ND	ND	ND	ND
Hexachlorobutadiene	PPM	NA	NA	NA	ND	ND	ND	ND
Isopropyl acetate	PPM	NA	NA	NA	ND	ND	ND	ND
Isopropylbenzene	PPM	2.3	NA	NA	ND	ND	ND	ND
m,p-Xylene	PPM	0.26	100000	500000	ND	ND	ND	ND
Methyl Acetate	PPM	NA	NA	NA	ND	ND	ND	ND
Methyl tert-butyl ether	PPM	0.93	62000	500000	ND	ND	ND	ND
Methylene chloride	PPM	500	51000	500000	0.0096	0.0092B	0.0067B	0.0076B
n-Amyl acetate	PPM	NA	NA	NA	ND	ND	ND	ND
Naphthalene	PPM	12	100000	500000	ND	ND	ND	ND
n-Butyl acetate	PPM	NA	NA	NA	ND	ND	ND	ND
n-Butylbenzene	PPM	12	100000	500000	ND	ND	ND	ND

211-08 Northern Blvd
Bayside, NY
NYSDEC #0704037
550 Gallon Tank Removal
OER#12EHAZ028Q

Volatile Organic Chemicals for Soils
EPA Method 8260
Table 6

SampleID:		**SCOs**	**SCOs**	**SCOs**	**550-B**	**550-E**	**550-N**	**550-S**
		Unrestricted	**Restricted**	**Commercial**	**Bottom**	**East**	**North**	**South**
Sampling Date:			**Residential**		**10'**	**10'**	**10'**	**10'**
Analyte	**Units:**	**Limits**	**Limits**	**Limits**	**04/26/2011**	**04/26/2011**	**04/26/2011**	**04/26/2011**
n-Propyl acetate	PPM	NA	**NA**	**NA**	ND	ND	ND	ND
n-Propylbenzene	PPM	3.9	**100000**	**500000**	ND	ND	ND	ND
o-Xylene	PPM	0.26	**100000**	**500000**	ND	ND	ND	ND
p-Diethylbenzene	PPM	NA	**NA**	**NA**	0.0011	ND	0.00085J	0.00059J
p-Ethyltoluene	PPM	NA	**NA**	**NA**	ND	ND	ND	ND
sec-Butylbenzene	PPM	11	**100000**	**500000**	ND	ND	ND	ND
Styrene	PPM	NA	**NA**	**NA**	ND	ND	ND	ND
t-Butyl alcohol	PPM	NA	**NA**	**NA**	ND	ND	ND	ND
tert-Butylbenzene	PPM	5.9	**100000**	**500000**	ND	ND	ND	ND
Tetrachloroethene	PPM	150	**5500**	**150000**	ND	ND	ND	ND
Toluene	PPM	0.7	**100000**	**500000**	ND	ND	ND	ND
trans-1,2-Dichloroethene	PPM	500	**100000**	**500000**	ND	ND	ND	ND
trans-1,3-Dichloropropene	PPM	NA	**NA**	**NA**	ND	ND	ND	ND
Trichloroethene	PPM	200	**10000**	**200000**	ND	ND	ND	ND
Trichlorofluoromethane	PPM	NA	**NA**	**NA**	ND	ND	ND	ND
Vinyl acetate	PPM	NA	**NA**	**NA**	ND	ND	ND	ND
Vinyl chloride	PPM	13	**210**	**13000**	ND	ND	ND	ND

Notes:
All results in ppm
ND - Not detected
NA-Not Available
J- Estimated Concentration
B- Analyte detected in blank
Blue SCOs- Commercial Soil Cleanup Objectives as per Part 375-6.8(b)
Black SCOs- CP-51

211-08 Northern Blvd
Bayside, NY
NYSDEC #0704037
550 Gallon Tank Removal
OER#12EHAZ028Q

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

SampleID:		**SCOs**	**SCOs**	**SCOs**	**550-B**	**550-E**	**550-N**	**550-S**
		Unrestricted	**Restricted**	**Commercial**	**Bottom**	**East**	**North**	**South**
Sampling Date:			**Residential**		**10'**	**10'**	**10'**	**10'**
Analyte	**Units:**	**Limits**	**Limits**	**Limits**	**04/26/2011**	**04/26/2011**	**04/26/2011**	**04/26/2011**
Acenaphthene	PPM	20	**100000**	**500000**	ND	ND	ND	ND
Acenaphthylene	PPM	100	**100000**	**500000**	ND	ND	ND	ND
Anthracene	PPM	100	**100000**	**500000**	ND	ND	0.18J	ND
Benzo(a)anthracene	PPM	1	**1000**	**5600**	0.056J	ND	0.022J	ND
Benzo(a)pyrene	PPM	1	**1000**	**1000**	0.057J	ND	0.22J	ND
Benzo(b)fluoranthene	PPM	1	**1000**	**5600**	0.053J	ND	0.18J	ND
Benzo(g,h,i)perylene	PPM	100	**100000**	**500000**	0.079J	ND	0.23J	ND
Benzo(k)fluoranthene	PPM	0.8	**1000**	**56000**	0.041	ND	0.18J	ND
Chrysene	PPM	1	**1000**	**56000**	0.061J	ND	0.18J	ND
Dibenzo(a,h)anthracene	PPM	0.33	**330**	**560**	ND	ND	0.089J	ND
Fluoranthene	PPM	100	**100000**	**500000**	0.097J	ND	0.41	0.029J
Fluorene	PPM	30	**100000**	**500000**	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	PPM	0.5	**500**	**5600**	0.052J	ND	0.20J	ND
Phenanthrene	PPM	100	**100000**	**500000**	0.047J	ND	0.18J	ND
Pyrene	PPM	100	**100000**	**500000**	0.150J	ND	0.51	0.034J

Notes:
ND - Not detected
J- Estimated Concentration
SCOs-CP-51

211-08 Northern Blvd
Bayside, NY
NYSDEC #0704037
550 Gallon Tank Removal
OER#12EHAZ028Q

PCBs as AROCLORS SW-846 METHOD 8082
Table 8

SampleID:		**SCOs**	**SCOs**	**SCOs**	**550-B**	**550-E**	**550-N**	**550-S**
		Unrestricted	**Restricted**	**Commercial**	**Bottom**	**East**	**North**	**South**
Sampling Date:			**Residential**		**10'**	**10'**	**10'**	**10'**
Analyte	**Units:**	**Limits**	**Limits**	**Limits**	**04/26/2011**	**04/26/2011**	**04/26/2011**	**04/26/2011**
Aroclor 1016	PPM	1	1000	**1000**	**ND**	ND	ND	ND
Aroclor 1221	PPM	1	1000	**1000**	**ND**	ND	ND	ND
Aroclor 1232	PPM	1	1000	**1000**	**ND**	ND	ND	ND
Aroclor 1242	PPM	1	1000	**1000**	**ND**	ND	ND	ND
Aroclor 1248	PPM	1	1000	**1000**	**ND**	ND	ND	ND
Aroclor 1254	PPM	1	1000	**1000**	**ND**	ND	ND	ND
Aroclor 1260	PPM	1	1000	**1000**	**ND**	ND	ND	0.0021J
Aroclor 1262	PPM	1	1000	**1000**	**ND**	ND	ND	ND
Aroclor 1268	PPM	1	1000	**1000**	**ND**	ND	0.0023J	ND

Notes:
ND - Not detected
J- Estimated Concentration
SCOs- Commercial Soil Cleanup
Objectives as per Part 375-6.8(b)

211-08 Northern Blvd
Bayside, NY
NYSDEC #0704037
550 Gallon Tank Removal
OER#12EHAZ028Q

RCRA Metals Analysis for Soil
Table 9

SampleID:		**SCOs**	**SCOs**	**SCOs**	**550-B**	**550-E**	**550-N**	**550-S**
		Unrestricted	**Restricted**	**Commercial**	**Bottom**	**East**	**North**	**South**
Sampling Date:			**Residential**		**10'**	**10'**	**10'**	**10'**
Analyte	**Units:**	**Limits**	**Limits**	**Limits**	**04/26/2011**	**04/26/2011**	**04/26/2011**	**04/26/2011**
Arsenic	PPM	13	**16**	**16**	2.69	1.60	3.60	2.14
Barium	PPM	350	**400**	**400**	34.2	40.5	35.8	31.7
Cadmium	PPM	2.5	**4.3**	**9.3**	ND	ND	0.110J	ND
Chromium	PPM	30	**180**	**1500**	18.2	17.3	14.2	17.6
Lead	PPM	63	**400**	**1000**	15.5	3.45	30.2	9.23
Mercury	PPM	2.8	**0.81**	**2.8**	0.0216	0.00916J	0.0438	0.0130
Selenium	PPM	3.9	**180**	**1500**	0.215J	ND	0.265J	ND
Silver	PPM	2	**180**	**1500**	ND	ND	ND	ND

Notes:
All results in parts per million (ppm)
ND - Not detected
SCOs- Commercial Soil Cleanup Objectives as per Part 375-6.8(b)

211-08 Northern Blvd
Bayside, NY
NYSDEC #0704037
550 Gallon Tank Removal
OER#12EHAZ028Q

Volatile Organic Chemicals for Soils
EPA Method 8260
Table 10

SampleID:		SCOs	SCOs	SCOs	211-08	211-08	211-08	211-08	211-08
		Unrestricted	Restricted	Commercial	Center	North	South	East	West
Sampling Date:			Residential		20'	15'	20'	15'	20'
Analyte	Units:	Limits	Limits	Limits	05/12/2011	05/12/2011	05/12/2011	05/12/2011	05/12/2011
1,1,1,2-Tetrachloroethane	PPB	NA	NA	NA	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	PPB	680	100000	500000	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	PPB	NA	NA	NA	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	PPB	NA	NA	NA	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	PPB	NA	NA	NA	ND	ND	ND	ND	ND
1,1-Dichloroethane	PPB	270	19000	240000	ND	ND	ND	ND	ND
1,1-Dichloroethene	PPB	330	100000	500000	ND	ND	ND	ND	ND
1,1-Dichloropropene	PPB	NA	NA	NA	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	PPB	NA	NA	NA	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	PPB	NA	NA	NA	ND	ND	ND	ND	ND
1,2,4,5-Tetramethylbenzene	PPB	NA	NA	NA	0.0019J	0.3	0.0018J	1.4	0.0082
1,2,4-Trichlorobenzene	PPB	NA	NA	NA	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	PPB	3600	47000	190000	ND	0.15	ND	0.24	0.00079J
1,2-Dibromo-3-chloropropane	PPB	NA	NA	NA	ND	ND	ND	ND	ND
1,2-Dibromoethane	PPB	NA	NA	NA	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	PPB	1100	100000	500000	ND	0.014	ND	0.021	ND
1,2-Dichloroethane	PPB	20	2300	30000	ND	ND	ND	ND	ND
1,2-Dichloropropane	PPB	NA	NA	NA	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	PPB	8400	47000	190000	ND	0.00011	ND	0.2	0.0043J
1,3-Dichlorobenzene	PPB	2400	17000	280000	ND	ND	ND	0.0025J	ND
1,3-dichloropropane	PPB	NA	NA	NA	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	PPB	1800	9800	130000	ND	0.002J	ND	0.0039J	ND
1,4-Dioxane	PPB	100	9800	130000	ND	ND	ND	ND	ND
2,2-Dichloropropane	PPB	NA	NA	NA	ND	ND	ND	ND	ND
2-Butanone	PPB	120	NA	500000	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	PPB	NA	NA	NA	ND	ND	ND	ND	ND
2-Chlorotoluene	PPB	NA	NA	NA	ND	ND	ND	ND	ND
2-Hexanone	PPB	NA	NA	NA	ND	ND	ND	ND	ND
2-Propanol	PPB	NA	NA	NA	ND	ND	ND	ND	ND
4-Chlorotoluene	PPB	NA	NA	NA	ND	ND	ND	ND	ND
4-Isopropyltoluene	PPB	NA	NA	NA	ND	0.039	ND	0.065	0.0012
4-Methyl-2-pentanone	PPB	NA	NA	NA	ND	ND	ND	ND	ND
Acetone	PPB	50	100000	500000	ND	ND	ND	ND	ND
Acrolein	PPB	NA	NA	NA	ND	ND	ND	ND	ND
Acrylonitrile	PPB	NA	NA	NA	ND	ND	ND	ND	ND
Benzene	PPB	60	2900	44000	ND	ND	ND	ND	ND
Bromobenzene	PPB	NA	NA	NA	ND	ND	ND	ND	ND
Bromochloromethane	PPB	NA	NA	NA	ND	ND	ND	ND	ND
Bromodichloromethane	PPB	NA	NA	NA	ND	ND	ND	ND	ND
Bromoform	PPB	NA	NA	NA	ND	ND	ND	ND	ND
Bromomethane	PPB	NA	NA	NA	ND	ND	ND	ND	ND
Carbon disulfide	PPB	NA	NA	NA	ND	ND	ND	ND	ND
Carbon tetrachloride	PPB	760	1400	22000	ND	ND	ND	ND	ND
Chlorobenzene	PPB	1100	100000	500000	ND	ND	ND	ND	ND
Chlorodifluoromethane	PPB	NA	NA	NA	ND	ND	ND	ND	ND
Chloroethane	PPB	NA	NA	NA	ND	ND	ND	ND	ND
Chloroform	PPB	370	10000	350000	ND	ND	ND	ND	ND
Chloromethane	PPB	NA	NA	NA	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	PPB	250	59000	500000	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	PPB	NA	NA	NA	ND	ND	ND	ND	ND
Dibromochloromethane	PPB	NA	NA	NA	ND	ND	ND	ND	ND
Dibromomethane	PPB	NA	NA	NA	ND	ND	ND	ND	ND
Dichlorodifluoromethane	PPB	NA	NA	NA	ND	ND	ND	ND	ND
Diisopropyl ether	PPB	NA	NA	NA	ND	ND	ND	ND	ND
Ethanol	PPB	NA	NA	NA	ND	ND	ND	ND	ND
Ethyl acetate	PPB	NA	NA	NA	ND	ND	ND	ND	ND
Ethylbenzene	PPB	1000	30000	390000	ND	0.0048J	ND	0.028	ND
Freon-114	PPB	NA	NA	NA	ND	ND	ND	ND	ND
Hexachlorobutadiene	PPB	NA	NA	NA	ND	ND	ND	ND	ND

211-08 Northern Blvd
Bayside, NY
NYSDEC #0704037
550 Gallon Tank Removal
OER#12EHAZ028Q

Volatile Organic Chemicals for Soils
EPA Method 8260
Table 10

SampleID:		**SCOs**	**SCOs**	**SCOs**	**211-08**	**211-08**	**211-08**	**211-08**	**211-08**
		Unrestricted	**Restricted**	**Commercial**	**Center**	**North**	**South**	**East**	**West**
Sampling Date:			**Residential**		**20'**	**15'**	**20'**	**15'**	**20'**
Analyte	**Units:**	**Limits**	**Limits**	**Limits**	**05/12/2011**	**05/12/2011**	**05/12/2011**	**05/12/2011**	**05/12/2011**
Isopropyl acetate	PPB	NA	NA	**NA**	ND	ND	ND	ND	ND
Isopropylbenzene	PPB	NA	NA	**NA**	ND	0.006	ND	0.017	ND
m,p-Xylene	PPB	260	100000	**500000**	ND	0.048	ND	0.21	ND
Methyl Acetate	PPB	NA	NA	**NA**	ND	ND	ND	ND	ND
Methyl tert-butyl ether	PPB	930	62000	**500000**	ND	ND	ND	ND	ND
Methylene chloride	PPB	50	51000	**500000**	0.0083B	0.0087B	0.0071B	0.0075B	0.0094
n-Amyl acetate	PPB	NA	NA	**NA**	ND	ND	ND	ND	ND
Naphthalene	PPB	12000	100000	**500000**	ND	0.08	ND	0.12	0.0011J
n-Butyl acetate	PPB	NA	NA	**NA**	ND	ND	ND	ND	ND
n-Butylbenzene	PPB	12000	100000	**500000**	ND	0.017	ND	0.032	ND
n-Propyl acetate	PPB	NA	NA	**NA**	ND	ND	ND	ND	ND
n-Propylbenzene	PPB	3900	100000	**500000**	ND	12	ND	0.032	ND
o-Xylene	PPB	260	100000	**500000**	ND	0.047	ND	0.2	0.0036J
p-Diethylbenzene	PPB	NA	NA	**NA**	0.00097J	0.2	ND	0.8	0.0062
p-Ethyltoluene	PPB	NA	NA	**NA**	ND	0.16	ND	0.250J	0.0037
sec-Butylbenzene	PPB	11000	100000	**500000**	ND	0.011	ND	0.019	ND
Styrene	PPB	NA	NA	**NA**	ND	ND	ND	ND	ND
t-Butyl alcohol	PPB	NA	NA	**NA**	ND	ND	ND	ND	ND
tert-Butylbenzene	PPB	5900	100000	**500000**	ND	ND	ND	ND	ND
Tetrachloroethene	PPB	1300	5500	**150000**	ND	0.00059J	ND	0.0016J	0.00059J
Toluene	PPB	700	100000	**500000**	ND	0.0059	ND	0.033	ND
trans-1,2-Dichloroethene	PPB	190	100000	**500000**	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	PPB	NA	NA	**NA**	ND	ND	ND	ND	ND
Trichloroethene	PPB	470	10000	**200000**	ND	ND	ND	ND	ND
Trichlorofluoromethane	PPB	NA	NA	**NA**	ND	ND	ND	ND	ND
Vinyl acetate	PPB	NA	NA	**NA**	ND	ND	ND	ND	ND
Vinyl chloride	PPB	20	210	**13000**	ND	ND	ND	ND	ND

Notes:
All results in ppm
ND - Not detected
NA-Not Available
J- Estimated Concentration
B- Analyte detected in blank
Blue SCOs- Commercial Soil Cleanup Objectives as per Part 375-6.8(b)
Black SCOs- CP-51

211-08 Northern Blvd
Bayside, NY
NYSDEC #0704037
550 Gallon Tank Removal
OER#12EHAZ028Q

Semi Volatile Organic Chemicals (SVOCs) for Soils
EPA Method 8270
Table 11

SampleID:		**SCOs**	**SCOs**	**SCOs**	**211-08C**	**211-08**	**211-08**	**211-08**	**211-08**
		Unrestricted	**Restricted**	**Commercial**	**Center**	**North**	**South**	**East**	**West**
Sampling Date:			**Residential**		**20'**	**15'**	**20'**	**15'**	**20'**
Analyte	**Units:**	**Limits**	**Limits**	**Limits**	**05/12/2011**	**05/12/2011**	**05/12/2011**	**05/12/2011**	**05/12/2011**
Acenaphthene	PPM	20	**100000**	**500000**	ND	0.036J	ND	0.042J	ND
Acenaphthylene	PPM	100	**100000**	**500000**	ND	ND	ND	ND	ND
Anthracene	PPM	100	**100000**	**500000**	ND	ND	ND	ND	ND
Benzo(a)anthracene	PPM	1	**1000**	**5600**	0.034J	ND	ND	0.043J	ND
Benzo(a)pyrene	PPM	1	**1000**	**1000**	0.030J	ND	ND	0.033J	ND
Benzo(b)fluoranthene	PPM	1	**1000**	**5600**	ND	ND	ND	0.028J	ND
Benzo(g,h,i)perylene	PPM	100	**100000**	**500000**	ND	ND	ND	0.049J	0.110J
Benzo(k)fluoranthene	PPM	0.8	**1000**	**56000**	ND	ND	ND	ND	ND
Chrysene	PPM	1	**1000**	**56000**	0.033J	0.040J	ND	0.031J	ND
Dibenzo(a,h)anthracene	PPM	0.33	**330**	**560**	ND	ND	ND	ND	ND
Fluoranthene	PPM	100	**100000**	**500000**	0.062J	0.032	ND	0.060J	ND
Fluorene	PPM	30	**100000**	**500000**	ND	0.074J	ND	0.075J	ND
Indeno(1,2,3-c,d)pyrene	PPM	0.5	**500**	**5600**	ND	ND	ND	ND	ND
Phenanthrene	PPM	100	**100000**	**500000**	0.035J	0.1J	ND	0.120J	ND
Pyrene	PPM	100	**100000**	**500000**	0.062J	0.095J	ND	0.086JJ	ND

Notes:
ND - Not detected
J- Estimated Concentration
SCOs-CP-51

211-08 Northern Blvd
Bayside, New York
OER#12EHAZ028Q

Volatile Organic Chemicals for Groundwater
EPA Method 8260
Table 12

Client Sample ID:		NYS Groundwater Standards	GW-4	W-3	W-2	W-1
Sampling Date:			01/11/2008	06/22/2007	06/21/2007	06/21/2007
Analyte:	Units:					
1,1,1,2-Tetrachloroethane	PPB	5	ND	ND	ND	ND
1,1,1-Trichloroethane	PPB	5	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	PPB	0.2	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	PPB	1	ND	ND	ND	ND
1,1,2-Trichloroethane	PPB	5	ND	ND	ND	ND
1,1-Dichloroethane	PPB	5	ND	ND	ND	ND
1,1-Dichloroethene	PPB	5	ND	ND	ND	ND
1,1-Dichloropropene	PPB	5	ND	ND	ND	ND
1,2,3-Trichlorobenzene	PPB	5	ND	ND	ND	ND
1,2,3-Trichloropropane	PPB	0.4	ND	ND	ND	ND
1,2,4,5-Tetramethylbenzene	PPB	5	1.4	ND	ND	ND
1,2,4-Trichlorobenzene	PPB	5	ND	ND	ND	ND
1,2,4-Trimethylbenzene	PPB	5	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	PPB	0.04	ND	ND	ND	ND
1,2-Dibromoethane	PPB	5	ND	ND	ND	ND
1,2-Dichlorobenzene	PPB	3	ND	ND	ND	ND
1,2-Dichloroethane	PPB	0.6	ND	ND	ND	ND
1,2-Dichloropropane	PPB	5	ND	ND	ND	ND
1,3,5-Trimethylbenzene	PPB	5	ND	ND	ND	ND
1,3-Dichlorobenzene	PPB	3	ND	ND	ND	ND
1,3-dichloropropane	PPB	0.4	ND	ND	ND	ND
1,4-Dichlorobenzene	PPB	3	ND	ND	ND	ND
2,2-Dichloropropane	PPB	5	ND	ND	ND	ND
2-Butanone	PPB	50*	ND	ND	ND	ND
2-Chloroethyl vinyl ether	PPB	50*	ND	ND	ND	ND
2-Chlorotoluene	PPB	5	ND	ND	ND	ND
2-Hexanone	PPB	50*	ND	ND	ND	ND
2-Propanol	PPB	7	ND	ND	ND	ND
4-Chlorotoluene	PPB	5	ND	ND	ND	ND
4-Isopropyltoluene	PPB	5	ND	ND	ND	ND
4-Methyl-2-pentanone	PPB	50*	ND	ND	ND	ND
Acetone	PPB	50*	ND	ND	ND	ND
Acrolein	PPB	20	ND	ND	ND	ND
Acrylonitrile	PPB	5	ND	ND	ND	ND
Benzene	PPB	1	ND	ND	ND	ND
Bromobenzene	PPB	5	ND	ND	ND	ND
Bromochloromethane	PPB	5	ND	ND	ND	ND
Bromodichloromethane	PPB	50*	ND	ND	ND	ND
Bromoform	PPB	50*	ND	ND	ND	ND
Bromomethane	PPB	5	ND	ND	ND	ND
Carbon disulfide	PPB	50*	ND	ND	ND	ND
Carbon tetrachloride	PPB	5	ND	ND	ND	ND
Chlorobenzene	PPB	5	ND	ND	ND	ND
Chlorodifluoromethane	PPB	50*	ND	ND	ND	ND
Chloroethane	PPB	5	ND	ND	ND	ND
Chloroform	PPB	7	ND	ND	ND	ND
Chloromethane	PPB	5	ND	ND	ND	ND

211-08 Northern Blvd
Bayside, New York
OER#12EHAZ028Q

Volatile Organic Chemicals for Groundwater
EPA Method 8260
Table 12

Client Sample ID:		NYS Groundwater Standards	GW-4	W-3	W-2	W-1
Sampling Date:			01/11/2008	06/22/2007	06/21/2007	06/21/2007
Analyte:	Units:					
cis-1,2-Dichloroethene	PPB	5	ND	ND	ND	ND
cis-1,3-Dichloropropene	PPB	0.4**	ND	ND	ND	ND
Dibromochloromethane	PPB	5	ND	ND	ND	ND
Dibromomethane	PPB	5	ND	ND	ND	ND
Dichlorodifluoromethane	PPB	5	ND	ND	ND	ND
Diisopropyl ether	PPB	50*	ND	ND	ND	ND
Ethanol	PPB	50*	ND	ND	ND	ND
Ethyl acetate	PPB	50*	ND	ND	ND	ND
Ethylbenzene	PPB	5	ND	ND	ND	ND
Freon-114	PPB	50*	ND	ND	ND	ND
Hexachlorobutadiene	PPB	0.5	ND	ND	ND	ND
Isopropyl acetate	PPB	50*	ND	ND	ND	ND
Isopropylbenzene	PPB	5	ND	ND	ND	ND
m,p-Xylene	PPB	5	ND	ND	ND	ND
Methyl tert-butyl ether	PPB	10	ND	ND	ND	ND
Methylene chloride	PPB	5	4.1B	**22B**	ND	ND
n-Amyl acetate	PPB	50*	ND	ND	ND	ND
Naphthalene	PPB	10	ND	ND	ND	ND
n-Butyl acetate	PPB	NR	ND	ND	ND	ND
n-Butylbenzene	PPB	5	ND	ND	ND	ND
n-Propyl acetate	PPB	50*	ND	ND	ND	ND
n-Propylbenzene	PPB	5	ND	ND	ND	ND
o-Xylene	PPB	5	ND	ND	ND	ND
p-Diethylbenzene	PPB	50*	ND	ND	ND	ND
p-Ethyltoluene	PPB	50*	ND	ND	ND	ND
sec-Butylbenzene	PPB	5	ND	ND	ND	ND
Styrene	PPB	5	ND	ND	ND	ND
t-Butyl alcohol	PPB	50*	ND	ND	ND	ND
tert-Butylbenzene	PPB	5	ND	ND	ND	ND
Tetrachloroethene	PPB	5	0.62	ND	ND	ND
Toluene	PPB	5	ND	ND	ND	ND
trans-1,2-Dichloroethene	PPB	5	ND	ND	ND	ND
trans-1,3-Dichloropropene	PPB	0.4	ND	ND	ND	ND
Trichloroethene	PPB	5	ND	ND	ND	ND
Trichlorofluoromethane	PPB	5	ND	ND	ND	ND
Vinyl acetate	PPB	50*	ND	ND	ND	ND
Vinyl chloride	PPB	2	ND	ND	ND	ND

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

211-08 Northern Blvd
Bayside, New York
OER#12EHAZ028Q

Semi Volatile Organic Chemicals for Groundwater
EPA Method 8270
Table 13

Client Sample ID:		NYS	GW-4	W-3	W-2	W-1
		STANDARDS				
Sampling Date:			01/11/2008	06/22/2007	06/21/2007	06/21/2007
Analyte:	Units:					
Acenaphthene	PPB	20	ND	ND	ND	ND
Acenaphthylene	PPB	NR	ND	ND	ND	ND
Anthracene	PPB	50	ND	ND	ND	ND
Benzo(a)anthracene	PPB	0.002	ND	ND	ND	ND
Benzo(a)pyrene	PPB	NR	ND	ND	ND	ND
Benzo(b)fluoranthene	PPB	0.002	ND	ND	ND	ND
Benzo(g,h,i)perylene	PPB	5	ND	ND	ND	ND
Benzo(k)fluoranthene	PPB	0.002	ND	ND	ND	ND
Chrysene	PPB	0.002	ND	ND	ND	ND
Dibenzo(a,h)anthracene	PPB	NR	ND	ND	ND	ND
Fluoranthene	PPB	50	ND	ND	ND	ND
Fluorene	PPB	50	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	PPB	0.002	ND	ND	ND	ND
Phenanthrene	PPB	50	ND	ND	ND	ND
Pyrene	PPB	50	ND	ND	ND	ND

Notes:
ND - Not detected

211-08 Northern Blvd
Bayside, New York
OER#12EHAZ028Q

PCBs as AROCLORS- METHOD 8082
Table 14

Client Sample ID:		**NYS Groundwater Standards**	**W-1**	**W-2**	**W-3**
Sampling Date:			**06/21/2007**	**06/21/2007**	**6/22/2007**
Analyte:	**Units:**				
Aroclor 1016	PPB	0.09	ND	ND	ND
Aroclor 1221	PPB	0.09	ND	ND	ND
Aroclor 1232	PPB	0.09	ND	ND	ND
Aroclor 1242	PPB	0.09	ND	ND	ND
Aroclor 1248	PPB	0.09	ND	ND	ND
Aroclor 1254	PPB	0.09	ND	ND	ND
Aroclor 1260	PPB	0.09	ND	ND	ND

Notes:
ND - Not detected

211-08 Northern Blvd
Bayside, New York
OER#12EHAZ028Q

Pesticides (Method 8021)
Table 15

Client Sample ID:		**NYS Groundwater Standards**	**W-1**	**W-2**	**W-3**
Sampling Date:			**06/21/2007**	**06/21/2007**	**6/22/2007**
Analyte:	**Units:**				
4,4´-DDD	PPB	0.3	ND	ND	ND
4,4´-DDE	PPB	0.2	ND	ND	ND
4,4´-DDT	PPB	0.2	ND	ND	ND
Aldrin	PPB	0.001	ND	ND	ND
alpha-BHC	PPB	0.01	ND	ND	ND
beta-BHC	PPB	0.04	ND	ND	ND
Chlordane	PPB	0.05	ND	ND	ND
Chlorobenzilate	PPB	NA	ND	ND	ND
DBCP	PPB	NA	ND	ND	ND
delta-BHC	PPB	0.04	ND	ND	ND
Dieldrin	PPB	0.004	ND	ND	ND
Endosulfan I	PPB	0.009	ND	ND	ND
Endosulfan II	PPB	0.009	ND	ND	ND
Endosulfan sulfate	PPB	0.009	ND	ND	ND
Endrin	PPB	ND	ND	ND	ND
Endrin aldehyde	PPB	5	ND	ND	ND
Endrin ketone	PPB	5	ND	ND	ND
gamma-BHC	PPB	0.05	ND	ND	ND
Heptachlor	PPB	0.04	ND	ND	ND
Heptachlor epoxide	PPB	0.03	ND	ND	ND
Hexachlorobenzene	PPB	0.04	ND	ND	ND
Hexachlorocyclopentadiene	PPB	5	ND	ND	ND
Methoxychlor	PPB	35	ND	ND	ND
Toxaphene	PPB	0.06	ND	ND	ND

Notes:
ND - Not detected

211-08 Northern Blvd
Bayside, New York
OER#12EHAZ028Q

TAL Metals Analysis- Groundwater
Table 16

	NYS Groundwater Standards	W-1	W-1	W-2	W-2	W-3	W-3
Analyte:		Total	Dissolved	Total	Dissolved	Total	Dissolved
		06/21/07	06/21/07	06/21/07	06/21/07	06/22/07	06/22/07
Aluminum	N/A	30.5	0.0262	41.2	ND	28.7	0.0132
Antimony	0	ND	ND	ND	ND	ND	ND
Arsenic	0.01	**0.0312**	ND	**0.044**	ND	ND	ND
Barium	1	0.593	0.162	0.494	0.173	0.621	0.254
Beryllium	0.004	ND	ND	ND	ND	ND	ND
Cadmium	0.005	ND	ND	ND	ND	ND	ND
Calcium	N/A	46.9	49.8	43	50	37	39.1
Chromium	0.05	**0.277**	0.0063	**0.277**	ND	**0.227**	ND
Cobalt	N/A	ND	0.0294	ND	0.0206	ND	ND
Copper	0.2	**0.136**	ND	0.150	ND	0.0896	ND
Iron	0.3	**71.8**	0.0339	**127**	0.0797	**51.3**	0.0463
Lead	0.025	**0.0496**	ND	**0.0737**	ND	**0.0277**	0.0086
Magnesium	35	23.9	22	21	21.3	18.3	16.3
Manganese	0.3	**5.28**	**2.81**	**2.83**	**1.29**	**3.27**	**2.27**
Mercury	0.002	ND	ND	ND	ND	ND	ND
Nickel	0.1	**0.142**	0.026	**0.141**	0.0155	0.105	0.0199
Potassium	N/A	9.36	4.1	8.75	3.98	9.45	4.42
Selenium	0.05	ND	ND	ND	ND	ND	ND
Silver	0.1	ND	ND	ND	ND	ND	ND
Sodium	20	**63**	**66.9**	**54.4**	**64.2**	**92.4**	**100**
Thallium	0.002	ND	ND	ND	ND	ND	ND
Vanadium	N/A	0.0936	ND	0.145	ND	0.0645	ND
Zinc	2	0.826	0.0738	0.750	0.0456	0.548	0.0795

Notes:
All results in ppm
ND - Not detected
N/A- Not Applicable

211-08 Northern Blvd
Bayside, New York
OER#12EHAZ028Q

Soil Vapor Sampling
Table 17

Sample ID	VP-1	VP-1DL	VP-1DL2	VP-2	VP-2DL	VP-2DL2	VP-3	VP-3DL
Depth	**20-ft**			**20-ft**			**20-ft**	
Sampling Date	**4/5/2012**	**4/5/2012**	**4/5/2012**	**4/5/2012**	**4/5/2012**	**4/5/2012**	**4/16/2012**	**4/16/2012**
Matrix	**AIR**	**AIR**	**AIR**	**AIR**	**AIR**	**AIR**	**AIR**	**AIR**
Dilution Factor	**1**	**10**	**100**	**1**	**10**	**200**	**1**	**10**
Units	**Ug/M3**	**Ug/M3**	**Ug/M3**	**Ug/M3**	**Ug/M3**	**Ug/M3**	**Ug/M3**	**Ug/M3**
COMPOUND								
1,1,1-Trichloroethane	0.71	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichlorotrifluoroethane	0.54J	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	2.15	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	36.4	28D	ND	31	24.6JD	ND	2.61	ND
1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	10.8	7.87JD	ND	10.3	7.87JD	ND	0.69J	ND
1,3-Butadiene	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	ND	ND	ND	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	6.07	3.74JD	ND	**289E**	**980ED**	**1120D**	0.61J	ND
2-Butanone	82.6E	67.8D	59JD	85.5E	82.6D	59JD	3.83	ND
2-Chlorotoluene	ND	ND	ND	ND	ND	ND	ND	ND
4-Ethyltoluene	14.3	11.3JD	ND	15.2	12.8JD	ND	0.74J	ND
4-Methyl-2-Pentanone	11.1	6.15JD	ND	ND	ND	ND	ND	ND
Acetone	**285E**	**1425ED**	**1615D**	**261E**	**783ED**	**997D**	61.8E	28.5D
Allyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	15.6	12.5JD	ND	22.7	24D	ND	0.73J	ND
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND
Bromoethene	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND

211-08 Northern Blvd
Bayside, New York
OER#12EHAZ028Q

Soil Vapor Sampling
Table 17

Sample ID	VP-1	VP-1DL	VP-1DL2	VP-2	VP-2DL	VP-2DL2	VP-3	VP-3DL
Depth	**20-ft**			**20-ft**			**20-ft**	
Sampling Date	**4/5/2012**	**4/5/2012**	**4/5/2012**	**4/5/2012**	**4/5/2012**	**4/5/2012**	**4/16/2012**	**4/16/2012**
Matrix	**AIR**	**AIR**	**AIR**	**AIR**	**AIR**	**AIR**	**AIR**	**AIR**
Dilution Factor	**1**	**10**	**100**	**1**	**10**	**200**	**1**	**10**
Units	**Ug/M3**	**Ug/M3**	**Ug/M3**	**Ug/M3**	**Ug/M3**	**Ug/M3**	**Ug/M3**	**Ug/M3**
COMPOUND								
Carbon Disulfide	15	14JJD	ND	4.36	3.74JD	ND	1.31J	ND
Carbon Tetrachloride	0.31J	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ND	ND	ND	1.87	ND	ND	ND	ND
Chloroform	3.08	ND	ND	ND	ND	ND	ND	ND
Chloromethane	0.97J	ND	ND	ND	ND	ND	0.6J	ND
cis-1,2-Dichloroethene	0.52J	ND	ND	1.94J	ND	ND	ND	ND
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	4.13	ND	ND	28.6	27.9D	ND	ND	ND
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	4.45	7.42JD	ND	2.92	6.43JD	ND	0.64J	ND
Dichlorotetrafluoroethane	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene	24.3	16.1JD	ND	33	29.5D	ND	1.09J	ND
Heptane	45.1	36.1D	ND	102E	90.2D	ND	1.52J	ND
Hexachloro-1,3-Butadiene	0.85	ND	ND	ND	ND	ND	ND	ND
Hexane	49.3	42.3D	ND	84.6E	84.6D	ND	ND	ND
m/p-Xylene	73.8	56.5D	ND	86.9	78.2	ND	3.91J	ND
Methyl Methacrylate	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-Butyl Ether	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	41.7	45.2D	90.3JD	**100E**	97.3D	**180JD**	2.88	ND
o-Xylene	23.9	16.1JD	ND	31.3	27.4D	ND	1.39J	ND
Styrene	1.06J	ND	ND	ND	ND	ND	ND	ND
t-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND
tert-butyl alcohol	20	20.9D	ND	36.4	28.2D	ND	1.39J	ND
Tetrachloroethene	**1152E**	**4950ED**	**5018D**	**1084E**	**3458ED**	**4136D**	**250E**	**162D**
Tetrahydrofuran	8.26	5.6JD	ND	10.6	7.67JD	ND	ND	ND
Toluene	**113E**	98D	49JD	**116E**	**116D**	**98JD**	5.28	ND
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	2.36	2.15JD	ND	15	14.5D	ND	1.07	ND

211-08 Northern Blvd
Bayside, New York
OER#12EHAZ028Q

Soil Vapor Sampling
Table 17

Sample ID	VP-1	VP-1DL	VP-1DL2	VP-2	VP-2DL	VP-2DL2	VP-3	VP-3DL
Depth	**20-ft**			**20-ft**			**20-ft**	
Sampling Date	**4/5/2012**	**4/5/2012**	**4/5/2012**	**4/5/2012**	**4/5/2012**	**4/5/2012**	**4/16/2012**	**4/16/2012**
Matrix	**AIR**	**AIR**	**AIR**	**AIR**	**AIR**	**AIR**	**AIR**	**AIR**
Dilution Factor	**1**	**10**	**100**	**1**	**10**	**200**	**1**	**10**
Units	**Ug/M3**	**Ug/M3**	**Ug/M3**	**Ug/M3**	**Ug/M3**	**Ug/M3**	**Ug/M3**	**Ug/M3**
COMPOUND								
Trichlorofluoromethane	**219E**	**331D**	**354D**	13.5	11.2JD	ND	6.18	ND
Vinyl Chloride	0.28J	ND	ND	0.43J	ND	ND	ND	ND
Total Concentration.	2265.64	7203.73	7185.3	2470.27	5995.71	6590	348.58	190.5

Qualifiers

U - The compound was not detected at the indicated concentration.
N - Presumptive Evidence of a Compound
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%.
* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.
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.
* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.
NR - Not analyzed

211-08 Northern Blvd
Bayside, New York
OER#12EHAZ028Q

Soil Vapor Sampling
Table 17

Sample ID	VP-4	VP-5	VP-5DL	VP-6	VP-6DL	VP-7	VP-7DL
Depth	**10-ft**	**10-ft**		**5-ft**		**6-ft**	
Sampling Date	**7/27/2012**	**7/27/2012**	**7/27/2012**	**7/27/2012**	**7/27/2012**	**7/27/2012**	**7/27/2012**
Matrix	**AIR**	**AIR**	**AIR**	**AIR**	**AIR**	**AIR**	**AIR**
Dilution Factor	**1**	**2.3**	**92**	**1**	**40**	**1**	**40**
Units	**Ug/M3**	**Ug/M3**	**Ug/M3**	**Ug/M3**	**Ug/M3**	**Ug/M3**	**Ug/M3**
COMPOUND							
1,1,1-Trichloroethane	ND	**1511E**	**3786D**	0.71	ND	2.07	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichlorotrifluoroethane	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ND	**1424E**	**3488D**	ND	ND	ND	ND
1,1-Dichloroethene	ND	**448E**	**487D**	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	1.47	16.2	ND	23.2	27.5D	28.5	31.5D
1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ND	11.4	ND	ND	ND	ND	ND
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	ND	5.9	ND	8.55	ND	10.6	ND
1,3-Butadiene	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	ND	ND	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	0.51	9.01	ND	7.94	ND	17.8	ND
2-Butanone	0.77	25.4	ND	9.47	14.2D	26.3	34.2D
2-Chlorotoluene	ND	ND	ND	ND	ND	ND	ND
4-Ethyltoluene	ND	6.1	ND	10.2	ND	11.7	ND
4-Methyl-2-Pentanone	ND	2.38	ND	1.19	ND	10.5	ND
Acetone	10.8	**845E**	**1867D**	**358E**	**1432D**	**318E**	**1325D**
Allyl Chloride	ND	ND	ND	ND	ND	ND	ND
Benzene	0.64	7.57	ND	3.1	ND	6.61	ND
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND
Bromoethene	ND	ND	ND	ND	ND	ND	ND
Bromoform	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ND	ND	ND	ND	ND	ND	ND

211-08 Northern Blvd
Bayside, New York
OER#12EHAZ028Q

Soil Vapor Sampling
Table 17

Sample ID	VP-4	VP-5	VP-5DL	VP-6	VP-6DL	VP-7	VP-7DL
Depth	**10-ft**	**10-ft**		**5-ft**		**6-ft**	
Sampling Date	**7/27/2012**	**7/27/2012**	**7/27/2012**	**7/27/2012**	**7/27/2012**	**7/27/2012**	**7/27/2012**
Matrix	**AIR**	**AIR**	**AIR**	**AIR**	**AIR**	**AIR**	**AIR**
Dilution Factor	**1**	**2.3**	**92**	**1**	**40**	**1**	**40**
Units	**Ug/M3**	**Ug/M3**	**Ug/M3**	**Ug/M3**	**Ug/M3**	**Ug/M3**	**Ug/M3**
COMPOUND							
Carbon Disulfide	ND	1.93	ND	ND	ND	1.06	ND
Carbon Tetrachloride	0.38	ND	ND	ND	ND	0.25J	ND
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ND	**963E**	**1097D**	ND	ND	ND	ND
Chloroform	ND	2.34	ND	0.93	ND	0.88	ND
Chloromethane	0.68	1.47	ND	0.5	ND	0.81	ND
cis-1,2-Dichloroethene	ND	8.68	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	ND	ND	ND	3.55	ND	3.61	ND
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	1.68	1.14J	ND	1.58	ND	2.08	ND
Dichlorotetrafluoroethane	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene	ND	5.99	ND	7.91	ND	11.6	ND
Heptane	0.33J	11.2	ND	6.8	ND	15.4	ND
Hexachloro-1,3-Butadiene	ND	ND	ND	ND	ND	ND	ND
Hexane	0.56	52.9	55	6.52	ND	14.6	15.5D
m/p-Xylene	0.78J	15.9	ND	24.5	19.1JD	29.9	26.1JD
Methyl Methacrylate	ND	ND	ND	ND	ND	ND	ND
Methyl tert-Butyl Ether	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	0.97	ND	ND	1.18	ND	1.7	ND
o-Xylene	ND	7.77	ND	12.1	ND	15.8	ND
Styrene	ND	3.32	ND	0.77	ND	0.89	ND
t-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND
tert-butyl alcohol	0.52	71.2	86.4D	30.6	43.6D	52.8E	71.5D
Tetrachloroethene	0.54	18.7	ND	33.1	32.6D	35.5	35.3D
Tetrahydrofuran	ND	ND	ND	ND	ND	3.89	ND
Toluene	1.85	67.8	48.6D	30.9	24.1D	49.7	48.2
trans-1,2-Dichloroethene	ND	8.13	ND	ND	ND	ND	ND
Trichloroethene	ND	3.12	ND	0.54	ND	0.48	ND

211-08 Northern Blvd
Bayside, New York
OER#12EHAZ028Q

Soil Vapor Sampling
Table 17

Sample ID	VP-4	VP-5	VP-5DL	VP-6	VP-6DL	VP-7	VP-7DL
Depth	**10-ft**	**10-ft**		**5-ft**		**6-ft**	
Sampling Date	**7/27/2012**	**7/27/2012**	**7/27/2012**	**7/27/2012**	**7/27/2012**	**7/27/2012**	**7/27/2012**
Matrix	**AIR**	**AIR**	**AIR**	**AIR**	**AIR**	**AIR**	**AIR**
Dilution Factor	**1**	**2.3**	**92**	**1**	**40**	**1**	**40**
Units	**Ug/M3**	**Ug/M3**	**Ug/M3**	**Ug/M3**	**Ug/M3**	**Ug/M3**	**Ug/M3**
COMPOUND							
Trichlorofluoromethane	1.12	6.97	ND	55.6	65.2D	**288E**	**719D**
Vinyl Chloride	ND	42.9	47D	ND	ND	ND	ND
Total Concentration.	23.6	5606.42	10962	639.44	1658.3	961.03	2306.3

Qualifiers

U - The compound was not detected at the indicated concentration.
N - Presumptive Evidence of a Compound
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%.
* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.
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.
* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.
NR - Not analyzed

Appendix A
Previous Reports

211-02 Northern Blv

Quality • Integrity • Creativity • Responsiveness

Additional Site Investigation And Monitoring Report

Bayside Chrysler/Plymouth/ Jeep/Eagle Bayside, NY

Prepared for:

Chrysler Corporation
800 Chrysler Drive East
Auburn Hills, MI 48326

Prepared by:

Rust Environment & Infrastructure
12 Metro Park Road
Albany, NY 12205

May 1998

Quality through teamwork

Rust Environment & Infrastructure

J.C. Broderick & Associates, Inc.

Environmental Consulting & Testing

1775 Expressway Drive North
Hauppauge, NY 11788
631.584.5492
Fax: 631.584.3395
www.jcbroderick.com

April 2, 2012

Ms. Heather Sonnenberg
J.R. Holzmacher P.E., LLC
300 Wheeler Road, Suite 402
Hauppauge, New York 11788

Re: **Limited Subsurface Inspection at**

Site: **211-08 Northern Boulevard**
Queens, New York 11361

Site Visit: **March 27, 2012**

JCB#: **11-21686**

Dear Ms. Sonnenberg:

J.C. Broderick & Associates, Inc. (JCB) was retained to perform a limited subsurface inspection at the above referenced site. The site visit was performed by experienced JCB Subsurface Inspectors on the above referenced date and consisted of the following:

- A limited subsurface inspection, utilizing a Sensors & Software Noggin 250 Smart Cart ground penetrating radar (GPR) and a White's TM 808 Metal Detector, in an attempt to locate Underground Storage Tanks (USTs) at the site.

Summary of Subsurface Inspection

- No subsurface anomalies indicative of a UST were identified during the inspection.

Limitations

- Due to the presence of excavation machinery, woodpiles and demolition/waste debris, JCB was not able to fully inspect the area of concern at the time of the site visit.

It should be noted that this subsurface inspection was performed utilizing the above referenced equipment only. It was not intended to guarantee the location of all underground structures or all utilities within the area of concern. Greater confidence can be placed on inspections which include utilizing a review of past architectural drawings, additional time on site, equipment, methodologies, and confirmation excavation.

If there are any questions, or if additional information is needed, please feel free to contact our office.

Sincerely,

David F. Collins
J.C. Broderick & Associates, Inc.

TABLE OF CONTENTS

Section **Page**

EXECUTIVE SUMMARY ES-1

1.0 INTRODUCTION 1-1
1.1 SCOPE OF SERVICES 1-1
1.2 PREVIOUS ASSESSMENTS AND INVESTIGATIONS 1-2
1.3 WORK PLAN DEVELOPMENT 1-6

2.0 DISPOSITION OF TANKS AT 212-19 NORTHERN BOULEVARD 2-1
2.1 SANBORN MAP REVIEW 2-1
2.2 ENVIRONMENTAL DATABASE REVIEW 2-3

3.0 LIMITED INVESTIGATION ACTIVITIES 3-1
3.1 INVESTIGATION OVERVIEW 3-1
3.1.1 Soil Sampling Activities 3-1
3.1.2 October 1997 Groundwater Sampling Activities 3-1
3.1.3 January 1998 Groundwater Sampling Activities 3-2
3.2 INVESTIGATION RESULTS 3-2
3.2.1 Geology/Lithology 3-2
3.2.2 Soil Sampling Results 3-3
3.2.3 October 1997 Groundwater Sampling Results 3-3
3.2.4 October 1997 Groundwater Conditions 3-5
3.2.5 January 1998 Groundwater Sampling Results 3-5
3.2.6 January 1998 Groundwater Conditions 3-6

4.0 FINDINGS AND OPINIONS 4-1

5.0 LIMITATIONS 5-1

LIST OF TABLES

Table **Found In**

1 Oct. 1997 Soil Boring/Monitoring Well Sample Analysis Summary ..... Appendix A
2 Oct. 1997 Water Level Measurement Summary ..... Appendix A
3 Oct, 1997 Soil Analytical Results Summary ..... Appendix A
4A Oct.1997 Groundwater Analytical Results (212-19 Northern Boulevard) .. Appendix A
4B Oct.1997 Groundwater Analytical Results (211-02 Northern Boulevard) .. Appendix A
5 Jan. 1998 Soil Boring/Monitoring Well Sample Analysis Summary ..... Appendix A
6 Jan. 1998 Water Level Measurement Summary ..... Appendix A
7 Jan. 1998 Groundwater Analytical Results Summary ..... Appendix A

TABLE OF CONTENTS
(Continued)

LIST OF FIGURES

Figure		Found In
1	Site Location Map	Appendix B
2A	Boring/Well Location Map (212-19 Northern Boulevard)	Appendix B
2B	Boring/Well Location Map (211-02 Northern Boulevard)	Appendix B
3A	Groundwater Contour Map Oct. 3, 1997 (212-19 Northern Boulevard)	Appendix B
3B	Groundwater Contour Map Oct. 3, 1997 (211-02 Northern Boulevard)	Appendix B
4A	Groundwater Contour Map Jan. 13, 1997 (212-19 Northern Boulevard)	Appendix B
4B	Groundwater Contour Map Jan. 13, 1997 (211-02 Northern Boulevard)	Appendix B

LIST OF APPENDICES

Appendix	
A	Tables
B	Figures
C	Test Boring Logs
D	Monitoring Well Completion Logs
E	Geotechnical Laboratory Reports
F	Field Data Information Logs for Well Development
G	Field Data Information Logs for Groundwater Sampling
H	Analytical Laboratory Reports and Data Quality Review
I	Regulatory Agency Correspondence
J	Sanborn Map Copies
K	Environmental Data Base Search
L	Data From Prior Investigations

EXECUTIVE SUMMARY

A Site Investigation (SI), was performed at the Bayside Chrysler/Plymouth /Jeep/Eagle dealership during September and October, 1997. An additional round of groundwater sampling was conducted in January of 1998. The scope of work for these activities was developed following an on-site meeting with the New York State Department of Environmental Conservation (NYSDEC) personnel on July 9, 1997. A work plan was subsequently prepared by Rust Environment & Infrastructure (REI) and submitted to NYSDEC on September 10, 1997 and approved by the NYSDEC on September 17, 1997. The investigation and sampling were conducted in follow-up to a number of earlier investigations (by others), including borings and monitoring well installations, which had suggested the possibility of soil and groundwater impacts at the site.

The dealership Property consists of two adjacent sites: one located on the northern side of Northern Boulevard (212-19 Northern Boulevard, the Main Dealership facility) and a second located on the southern side of Northern Boulevard (211-02 Northern Boulevard, a Used Car Dealership referred to as the United Auto Mall).

The approved work plan called for subsurface investigation, document review and four rounds of quarterly groundwater sampling. The investigation consisted of the advancement of two borings on each site, and a review of available documents for the possible presence of underground storage tanks (USTs) at the sites. The borings were subsequently converted into groundwater monitoring wells. With the single well that previously existed at each site, the additional wells provided for a total of three wells at each site (Figures 2A & 2B). Soil samples were collected from the new borings, and groundwater samples were collected in September- October 1997 and January 1998.

212-19 Northern Boulevard

The laboratory analysis of soil samples collected from the two October 1997 borings did not indicate the presence of any constituent at a level exceeding NYSDEC standards. However, the analysis of groundwater samples indicated a number of volatile organic compound exceedances from well W01. The concentrations were judged to be fairly low, ranging to 27 parts per billion (ppb) for the twelve constituents detected. No exceedances were noted in the groundwater samples from well W02, or from well B6-7 in which several exceedances were noted previously (by others) in February of 1997. Local groundwater flow direction at this site was determined to be to the southeast.

During the second round of sampling in January 1998, it was only possible to collect groundwater samples from two of the three wells at this site. At that time the interior of one of the wells (W01) was found to be obstructed with an undetermined foreign substance. No exceedances were noted in wells W02 or B6-7 during the second round of groundwater sampling. These wells are located in close proximity to W01.

Prior investigations, including a review of the Bureau of Fire Prevention records and Sanborn maps, indicate that as many as 12 to 13 underground storage tanks (USTs) may have existed at the site in the period prior to 1980. No record of closure of these tanks was found. Based on review of the 1980 Sanborn map, an environmental database search, interviews with site personnel, information regarding past renovations and construction activities virtually covering the entire site, and the

drilling of 14 borings in the service area, it is REI's opinion that, except for the two known abandoned-in-place USTs believed to be under the northeast corner of the building, no other tanks remain that need to be addressed.

Installation of any groundwater remedial system to address the minor exceedances detected would be expensive, difficult and likely to be of limited usefulness due to:

- The absence of known continuing sources of soil impact.
- The thick vadose zone and great depth to groundwater (25-40+ feet).
- The nature of dense bouldery glacial till which is difficult to penetrate.
- The difficult access given that the building completely covers the site, and the ceiling clearances are relatively low. Also, the use of commercial space is at premium.
- The relatively low concentration of constituents present.
- The limited area in which constituents are present.
- The slow groundwater rate of recharge given the presence of the building.
- The possibility of groundwater impacts in the general vicinity due to other potential sources such as the 11 leaking UST sites within ½ mile of the site identified during the database search.
- The exclusive use of a public water supply to provide potable water in this highly urbanized area.

211-02 Northern Boulevard

Earlier investigations (by others) identified impacted soil and groundwater in the vicinity and downgradient of a former dry well at this site. Sludge and impacted soil had been removed from the dry well to the maximum depth possible (19.5 feet), and the drywell was closed in 1994. Analysis of post-excavation samples collected at that time indicated that not all impacted soils had been removed. The laboratory analysis of soil and groundwater samples collected in areas downgradient of the former drywell by REI and the subsequent round of groundwater sampling conducted in January did not indicate the presence of any constituent at a level exceeding NYSDEC standards.

The local groundwater flow direction at this site was determined to be to the north-northeast during both rounds of sampling. As a result, it appears that new wells W04 and W05 are located directly downgradient of the former dry well as intended in the Work Plan. Based on analytical data and groundwater flow direction it appears that constituents associated with any impacted soils in the dry well area which might be present, are not significantly impacting groundwater.

Based on the information developed to date, it is REI's opinion that, no additional monitoring or remediation is warranted at the present time for either site, and the two sites should be considered for no-further action status at this time.

1.0 INTRODUCTION

1.1 SCOPE OF SERVICES

This report summarizes investigation, sampling and monitoring activities at the Bayside Chrysler/Plymouth/Jeep/Eagle dealership located in Bayside, Queens, New York (the "Property"). The purpose of this investigation was to: determine the present extent of environmental impacts, determine if remediation is required, and, if required, assist in identifying an appropriate remedial approach.

The Property consists of two separate parcels: one located on the northern side of Northern Boulevard (212-19 Northern Boulevard, the Main Dealership facility) and a second parcel located on the southern side of Northern Boulevard (211-02 Northern Boulevard, a Used Car Dealership referred to as the United Auto Mall). The site locations are shown on Figure 1.

The site located at 212-19 Northern Boulevard is fully developed with a building that occupies the entire site. The dealership facility includes a showroom, service area, parts department general offices and roof top parking (Figure 2A). The site at 211-02 Northern Boulevard is also fully developed with a building, an exterior parking area and used car lot (Figure 2B).

Investigation activities were performed by REI for Chrysler in 1997-1998 as follow up to several earlier investigations conducted by S&S Environmental that indicated the presence of subsurface environmental concerns. The recent work was conducted in general accordance with the Work Plan submitted to the NYSDEC on September 10, 1997 and subsequently approved by NYSDEC on September 17, 1997.

The approved work plan called for additional investigation and four rounds of quarterly groundwater sampling. The investigation consisted of:

- Advancement of four soil borings/groundwater monitoring wells (two at each Site).
- Collection and analysis of soil samples from the four soil borings.
- Collection and analysis of groundwater samples from six monitoring wells (three at each site).
- Measurement of groundwater elevations to determine the groundwater flow direction.
- A survey of available records to determine the disposition of underground storage tanks (USTs) that were previously documented as present at the site.

The subsurface environmental concerns previously identified at the two Bayside sites are listed as follows:

212-19 Northern Boulevard

- Subsurface soil and groundwater quality in the vicinity of the eastern portion of the service area (active and former underground hydraulic lifts and abandoned in place USTs)

211-02 Northern Boulevard

- Subsurface soil and groundwater quality in the vicinity of a closed dry well, and active and former underground hydraulic lifts in the service area

This report is subject to the Limitations defined in Section 5.0.

1.2 PREVIOUS ASSESSMENTS AND INVESTIGATIONS

Phase I and Phase II investigation activities were conducted on-site by others in 1993, 1994 and 1997. Limited remedial activities were conducted in 1994. The following reports and documents were reviewed to document the previous work performed at the Bayside Chrysler/Plymouth/Jeep/Eagle facilities:

- Report of Phase I and Phase II Environmental Assessment, S&S Environmental Sciences, Inc. (S&S), November 26, 1993.
- Report of Phase I and Phase II Environmental Assessment, S&S, January 1994.
- Report of Remedial Action, S&S, November 1994.
- Ground Water Investigation Report, S&S, November 1994.
- Addendum Report, Phase II Assessment/Site Investigation, Additional Soil Boring and Bore Hole Installation to Study Groundwater Quality and Flow Direction, S&S, April 1997.

Major findings of these investigations pertaining to actual or potential soil and groundwater impacts are summarized below.

Phase I Environmental Site Assessment (S&S, 1993/1994)

The Phase I Environmental Site Assessment (ESA) consisted of: 1) a review of historical information regarding use and operation of the Property; 2) interviews with the local regulatory agency, municipal and other knowledgeable representatives regarding current and former uses of the Property; 3) an inspection of the sites and surrounding parcels; and 4) a review of results of an environmental database search. The report identified the following known or potential subsurface environmental concerns.

212-19 Northern Boulevard Site

- Oily sediments within floor drains in the service area.

- A number of active and inactive abandoned hydraulic lifts in the service area.
- Two abandoned in place USTs. Each UST reportedly had a capacity of 550 gallons; one was used to store fuel oil and the other stored waste oil.
- The potential presence of up to 13 other tanks at the site based on information received from the City of New York Fire Department. (This information was not included in the information supplied to REI).

211-02 Northern Boulevard Site

- A number of active and inactive hydraulic lifts in the service area.
- Two inactive gasoline USTs reportedly "abandoned-in-place" and located under the existing showroom building.
- A dry well containing waste oil and sludge in the service area.

The Phase I ESA did not include a review of Sanborn maps. Although several off-site areas of potential concern were cited in the environmental database search, no assessment of the potential impact of these areas on the Property was made.

Phase II Environmental Site Assessment (S&S, 1993/1994)

The Phase II ESA was conducted to investigate the concerns noted during the Phase I ESA. This assessment involved sampling from floor drains and the dry well (211-02 Northern Boulevard). The Phase II ESA also included advancement of 15 borings at the two sites: ten borings within the footprint of the building at 212-19 Northern Boulevard (borings B1-B10); three borings within the footprint of the building at 211-02 Northern Boulevard (B13-B15); and two borings in the area exterior of the 211-02 Northern Boulevard building in the vicinity of a tank fill pipe for the abandoned-in-place former USTs (B11, B12). The borings were advanced to a maximum depth of approximately 9 feet. The Phase II ESA also included a ground penetrating radar (GPR) survey in the area of two abandoned-in-place tanks at the 212-19 Northern Boulevard site.

The soil and sediment samples were analyzed for Total Petroleum Hydrocarbons (TPH). The borehole sample analyses were performed on a composite soil sample assembled from four grab soil samples collected from each boring.

The TPH analysis of the soil and sediments indicated the presence of petroleum impacts (up to 291 ppm) to soils in the area of the hydraulic lifts and to sediments (oily) in floor drains. Waste oil was visually determined to be present in the dry well sump at the 211-02 Northern Boulevard site. The GPR study to identify the presence and location of possible USTs in the area of the two abandoned-in-place tanks at the 212-19 Northern Boulevard site was inconclusive.

Remedial Activities (S&S, July, 1994)

On the basis of the findings of the Phase II ESA, remedial activities were carried out by S&S in July, 1994. The actions taken consisted of the following:

212-19 Northern Boulevard Site

- The removal of oily sediments from the floor drain system located in the service area; and
- The cleaning of the oil-stained concrete wall/floor in the service area.

211-02 Northern Boulevard Site

- The remediation of the dry well area (removal of waste oil and sludge) located within the service area.
- Backfilling of the cleaned dry well with clean sand and gravel, and restoration of the concrete floor slab.

Following the cleaning of the dry well, a post-excavation sample was collected. Analysis of the sample "indicated that the remediation conducted did not result in the complete removal of all contaminated soils from the base of the dry well" (Appendix L). On the basis of this analytical result and at the request of Chrysler, S&S reported the discharge to the NYSDEC hotline and obtained a spill number (#9407343).

It was also noted that further excavation in the dry well area could not be carried out due to the structural constraints in the dry well area and the fact that the excavation had already been carried to the bottom of the dry well walls (estimated by S&S to be approximately 19.5 feet deep).

Groundwater Investigation Report (S&S, November, 1994)

A groundwater investigation was performed by S&S at the 211-02 Northern Boulevard site in response to concerns raised by the NYSDEC about potential impacts to groundwater. The groundwater investigation consisted of installing one 48-foot deep overburden monitoring well (MW-1) approximately 20 to 30 feet southwest of the former dry well. The well was positioned in this area because of site access constraints. The groundwater table was determined to be 43 feet below grade. During drilling, split spoon soil samples were collected at standard intervals (every 5 feet), and subsequently analyzed for TPH. The results indicated TPH (210 ppm) in only one soil sample (i.e., 20 -22 feet below ground surface).

Following development of MW-1, a groundwater sample was collected and analyzed for USEPA Priority Pollutant Volatile Organic Compounds plus identification of 15 additional tentatively identified compounds (TICS), Base/Neutral Extractable Organics plus identification of 15 TICS, and Total Petroleum Hydrocarbons.

The groundwater analytical results indicated the presence of "a low concentration of tetrachloroethene (2 ppb) and two unknown non-target Volatile Organic Compounds at a total concentration of 19 ppb". On the basis of this data, S&S concluded that "no further groundwater investigation was warranted at the subject project site". It is important to note that S&S subsequently determined that well MW-1 was likely to be upgradient of the former dry well.

Addendum Report (S&S April, 1997)

This report addressed additional Phase II ESA/Site Investigation activities at both sites and indicated the following:

A number of the earlier reports regarding the previous environmental assessments and remedial actions undertaken at the Property had been submitted to the NYSDEC in November 1996. These reports were apparently submitted in conjunction with a request to NYSDEC for a "no further action" letter for the Property. The NYSDEC did not concur with Chrysler's request for no further action at the Property at that time due to the potential for groundwater contamination. NYSDEC indicated that the one monitoring well (MW-1) was not representative of the downgradient groundwater quality at other areas of concern within the two parcels.

A meeting was held at the Property on January 27, 1997 during which time the NYSDEC Case Manager reportedly requested Chrysler to perform additional ESA/Site Investigation activities. The requested scope of work included a review of historical Sanborn Maps and a detailed groundwater quality investigation consisting of the installation of five additional borings, and the installation of temporary groundwater monitoring wells to determine the groundwater flow direction and to evaluate and/or delineate the groundwater impacts at both sites. This request included two borings/wells at 211-02 Northern Boulevard and three borings/wells at 212-19 Northern Boulevard.

It was only possible to advance four borings, two borings/wells at 211-02 Northern Boulevard (B12, B15) and two borings/wells at 212-19 Northern Boulevard (B2-3, B6-7) due to the dense and bouldery nature of the native soils and physical site constraints. Split-spoon soil samples were only collected from the borings at the 211-02 Northern Boulevard site due to the inability to advance split-spoons at the 212-19 Northern Boulevard site. Temporary groundwater monitoring wells appear to have been installed in three of the four borings, and one permanent well (B6-7) was installed at 212-19 Northern Boulevard. The NYSDEC was reportedly notified and approved the changes to the field program. The analyses performed for both soil and groundwater during this investigation was consistent with the NYSDEC guidance documents.

The Sanborn Map review, which included maps for years 1903, 1917, 1934 and 1951, indicated that a number of underground storage tanks (USTs) had been in use at various times on the 212-19 Northern Boulevard site.

The analytical data generated during this investigation indicated that a number of constituents were detected in groundwater sample B6-7 which was collected from the northeastern corner of the service building at 212-19 Northern Boulevard, and in soil and groundwater samples B12 and B15, collected from the service area at 211-02 Northern Boulevard. Several of the concentrations noted

were in excess of NYSDEC regulatory standards. Figures and data from this investigation are included in Appendix L.

The Addendum Report summarizing this additional investigation was subsequently submitted to the NYSDEC for review. Based on the review, the NYSDEC issued a letter to Chrysler requesting that groundwater wells be installed at each site location to fully delineate the subsurface impacts. NYSDEC also required additional soil remediation at 211-02 Northern Boulevard to remove high concentrations of volatile organic compounds (VOCs) from the vadose zone to further protect the groundwater. The NYSDEC also requested that Chrysler sign a stipulation agreement and submit a corrective action plan for the requested activities.

1.3 WORK PLAN DEVELOPMENT

A meeting was held at the Site on July 9, 1997 with personnel from REI, Chrysler, and the NYSDEC, to discuss the proposed scope of work. The NYSDEC agreed to defer execution of the stipulation agreement and the submission of a corrective action plan in favor of the collection of additional data. Specific locations for the additional borings/monitoring wells were discussed and approved by the NYSDEC representative. It was also agreed that Chrysler would conduct four rounds of groundwater monitoring and attempt to determine the final disposition of the tanks that may have formerly been present at the 212-19 Northern Boulevard site. Correspondence regarding the items discussed during the meeting and agreements reached was prepared, and submitted on July 21, 1997 to the NYSDEC (see Appendix I).

In accordance with the meeting, a work plan was subsequently prepared and submitted by REI to the NYSDEC in a letter dated September 10, 1997. This Work Plan was verbally approved by the NYSDEC on September 17, 1997. A copy of the Work Plan is included in Appendix I.

2.0 DISPOSITION OF TANKS AT 212-19 NORTHERN BOULEVARD

Per the July 9, 1997 meeting with the NYSDEC, a review of available records was conducted to ascertain the final disposition of storage tanks that were documented as formerly present at 212-19 Northern Boulevard. The concern regarding the former tankage was first raised during the Phase I/Phase II Environmental Assessment conducted at the site by S&S Environmental Sciences in 1993.

During that investigation, records obtained from the New York City Fire Department's Bureau of Fire Prevention reportedly indicated that up to 13 USTs had been installed at this site between 1917 and 1957. No records were available regarding the removal or abandonment of the tanks. The Bureau indicated that "there are no known, reported or documented leaks associated with the underground tanks at the subject sites".

A review of Sanborn maps (1903, 1917, 1934 and 1951) was subsequently conducted at the request of the NYSDEC and included in the Addendum Report issued by S&S Environmental Sciences in April of 1997. This review also indicated the former presence of several tanks (type not specified) at the 212-19 Northern Boulevard property.

The record review undertaken by S&S Environmental Sciences in performing the original record review was extensive and deemed complete. As a result, the additional investigation conducted by REI for this report was limited to a more thorough review of available Sanborn Maps and a review of an updated Environmental Data Base Search.

2.1 SANBORN MAP REVIEW

Sanborn Maps for the years 1980, 1991, 1992, 1993, 1994 and 1995 were obtained and reviewed in an attempt to determine the disposition of the tanks that may have been formerly present at the site. Additional copies of the Sanborn Maps for the years 1903, 1917, 1934, and 1951 were also obtained for review due to the poor quality of the copies included in the 1997 Addendum Report. Copies of the Sanborn Maps reviewed for this report are included in Appendix J. No maps are available for the period between 1951-1980.

The presence of storage tanks at the site is first indicated on the 1917 Sanborn map. On this map, two 250 gallon gasoline tanks are indicated to be present next to a building designated as a garage. There are a total of three structures on the site (including the garage). At least one of the structures appears to consist of several smaller structures.

On the 1934 map, there are five tanks shown. Three are associated with a filling station in what is now the southeast corner of the site (Northern Boulevard and 213th Street). Two additional tanks are shown behind an auto repair facility located in the southern portion of the site on Northern Boulevard. The two tanks shown on the 1917 map are no longer present. Three structures are shown: the aforementioned filling station; the auto repair facility; and a dwelling located in the northeastern corner of the site, on 213th street. The earlier structures identified on the 1917 Sanborn Map were demolished and both the filling station and auto repair shop appear to have been constructed subsequent to 1917.

On the 1951 map there are six tanks shown. Three are associated with the filling station cited above. Three "new" tanks are shown in approximately the center of the property in front of a new building designated as a filling station. The auto repair facility previously shown on the 1934 Sanborn Map was presumably demolished and the two tanks formerly associated with it are not indicated on this map.

On the 1980 map the current dealership facility is shown. The building fully covers the site and carries a designation which indicates that the facility was built in 1967 with concrete block walls, a protected steel frame, and concrete floors and ceilings. No tanks are shown to be present (including the two tanks reported to be abandoned in place under the northeastern corner of the building). It is possible that these two tanks were installed after 1951 and abandoned in place prior to the 1980 map being issued.

Based on REI's knowledge of the site and review of available Sanborn Maps, the tanks installed at the site may have consisted of the following twelve tanks:

- Two tanks (250 gal.) shown only on the 1917 map.
- Three tanks associated with the filling station located in the southeastern corner of the site shown only on the 1934 and 1951 Sanborn maps.
- Two tanks associated with the auto repair facility shown in the southern portion of the site only on the 1934 Sanborn map.
- Three tanks associated the filling station shown in the center of the site only on the 1951 Sanborn map.
- Two tanks reported to be currently abandoned in place at the northeastern corner of the property .

As indicated previously, the New York City Fire Department's Bureau of Fire Prevention records (1917-1957) indicated the potential presence of some thirteen tanks at the site. The discrepancy may be due to tank maintenance (replacement), which is not reflected on the Sanborn maps, or with other considerations.

It is likely, in REI's opinion, that some, if not all of the former USTs were removed during the numerous renovations of the site. In particular, the current structure covers virtually the entire site. It is almost certain that any tanks located in areas where footings or column foundations were required, the former USTs would have had to be removed to allow for construction of the new facility to proceed. Furthermore, a total of 14 borings have now been advanced in the northern half of the facility (the service area) and no tanks have been encountered in this area. Also, no physical signs or other evidence of the former tanks have been noted (sinkholes, subsidence, etc.).

2.2 ENVIRONMENTAL DATABASE REVIEW

An environmental data base search was performed by Environmental Data Resources, Inc. of Southport, Connecticut, and reviewed in an attempt to secure any available information regarding the former USTs at the site and to identify other potential sources of impact in the area. No information regarding the former tankage or any leaks or spills on the site was noted. The site was listed as a RCRA large quantity hazardous waste generator under the Resource Conservation and Recovery Act (RCRA) and was also listed in the facility index system (FINDS). The FINDS database contains both facility information and "pointers" to other sources that contain more information. The facility is presumably listed in this database because of its status as a RCRA large quantity generator. It was also noted that there are eleven leaking underground storage tank sites (LUST) and 41 registered underground storage tank (UST) sites within approximately ½ mile of the Property (Appendix K). These sites virtually surround the site in all directions. No USTs were reported for the site.

3.0 LIMITED INVESTIGATION ACTIVITIES

3.1 INVESTIGATION OVERVIEW

On September 22, 1997, REI initiated field investigation activities at the dealership. The field activities were conducted in accordance with the approved Work Plan.

The field activities consisted of the drilling and sampling of four soil test borings. Soil borings SB01 and SB02 were advanced at 212-19 Northern Boulevard and borings SB04 and SB05 were advanced at 211-02 Northern Boulevard. Each boring was converted into permanent groundwater monitoring wells (wells W01, W02, W03 and W04, respectively) to collect additional data to further characterize the extent and degree of groundwater impacts at the two Bayside sites. The proposed soil boring/monitoring well (SB03/W03) adjacent to "former" well B6-7 (212-19 Northern Boulevard site) was not installed once it was determined that well B6-7 was not "grouted-in" as previously believed and was satisfactory for water level measurements and collection of groundwater samples. The site plans that illustrate the location of the soil test borings/monitoring wells installed during the investigation are included as Figures 2A and 2B (Appendix B).

3.1.1 Soil Sampling Activities

Soil test borings were advanced with a track-mounted Davey Drill™ rig to depths ranging from 46.75 to 52.0 feet below ground surface (bgs). Only hollow stem augers were used at the 211-02 Northern Boulevard site. Odex and hollow stem augering techniques were used at the 212-19 Northern Boulevard site. Soil samples were collected from each boring in five-foot increments and screened in the field for headspace concentrations of VOCs utilizing an organic vapor analyzer (OVA). Soil borings are summarized in Table 2 (Appendix A) and boring logs are included in Appendix C. Each soil boring was subsequently converted into a permanent monitoring well. The monitoring well completion logs are provided in Appendix D.

Select soil samples collected from these test borings were submitted for laboratory analysis as indicated in Table 1 (Appendix A). In addition, a toxicity characteristic leaching procedure (TCLP) extract was obtained from each sample for subsequent analysis, in the event that any NYSDEC STARS Memo #1 alternative guidance value was exceeded. One soil sample was collected from the interval of highest observed impact (OVA) and the second was collected from the water table interface.

3.1.2 October 1997 Groundwater Sampling Activities

The newly-installed wells (W01, W02, W04 and W05) and existing wells (B6-7 and MW-1) were developed using the WaTerra method. Development of the wells consisted of the removal of a minimum of ten well volumes of water and the documentation of field parameters such as temperature, pH, specific conductivity, redox potential, dissolved oxygen and turbidity. Well development information is summarized in Appendix F. Four groundwater samples were collected from the newly-installed monitoring wells (W01, W02, W04, and W05). One additional groundwater sample was collected from each of the existing on-site monitoring wells MW-1 (211-02 Northern Boulevard site) and B6-7 (212-19 Northern Boulevard site). Groundwater sampling

information is provided in Appendix G. The groundwater samples were submitted to CompuChem Environmental for laboratory analysis as shown in Table 2 (Appendix A). The results are summarized in Tables 5A and 5B (Appendix A).

3.1.3 January 1998 Groundwater Sampling Activities

The site wells were sampled on January 13, 1998 by REI personnel in accordance with the approved Work Plan. Samples from B6-7 and W02 were collected from the 212-19 Northern Boulevard site and samples from MW-1, W04 and W05 were collected from the 211-02 Northern Boulevard site.

Prior to sampling, depth to water measurements were recorded. The wells were purged until pH, specific conductivity and temperature values stabilized and/or a minimum of five well volumes were removed, indicating that groundwater, representative of the geologic formation, was entering the monitoring well. Turbidity and redox potential (Eh) measurements were also taken. This data was recorded on a Field Data Information Log for Groundwater Sampling for each well. These data sheets are provided in Appendix G. The samples were analyzed by CompuChem Environmental according to the analytical methods specified in Table 5 in Appendix A.

An obstruction in monitoring well W01 (212-19 Northern Boulevard property) prevented the sampling of the well. The obstruction, of unknown origin, was observed approximately 37.22 feet below ground surface (BGS) leaving only two to three feet of screen/sand pack unobstructed. At the time of sampling, no water was observed in the monitoring well and a dry gray powder was observed at the end of the water level meter probe.

3.2 INVESTIGATION RESULTS

3.2.1 Geology/Lithology

As shown in Figure 1 of Appendix B, the Property lies at an elevation of between 60 - 70 feet above mean sea level (msl). The local topography can be characterized as flat and ultimately slopes gently toward the east-northeast toward Little Neck Bay, an embayment on the south shore of Long Island Sound, which is located approximately 4,200 feet east-northeast of the Property.

Although the two sites of the Property are within 200 feet of each other, the geologic character of each site is not the same, and is therefore characterized separately.

212-19 Northern Boulevard Site

The site is covered by 0.5 feet to 1.0 feet thick concrete that is underlain by native glacial till. The glacial till consists of a dense and bouldery, coarse to fine sand, trace to little silt, little medium to fine gravel, with frequent to occasional rock fragments (SM/ML-GM). The till's dense bouldery nature frequently resulted in drilling refusal. Stratified drift was observed from 27.2 feet below ground surface (bgs) to greater than 46.8 feet bgs at boring, SB01, along the mid-eastern perimeter of the site. The stratified drift consisted of a well-sorted, medium dense, coarse to fine sand, with some medium to fine subrounded gravel with occasional rock fragments (SP-SM).

211-02 Northern Boulevard Site

The site is covered by 0.5 feet thick asphalt that is underlain by native materials. The underlying soil is less silty, less dense and less bouldery/cobbly than the glacial till observed beneath the 212-19 Northern Boulevard Site. The site, as observed in borings SB04 and SB05, is underlain by stratified drift deposits. The stratified drift consists of well-sorted, medium dense, coarse to fine sand, with little medium to fine subrounded gravel with occasional rock fragments (SP-SM).

3.2.2 Soil Sampling Results

Analytes detected in soil are listed in Table 3 (Appendix A). A copy of the laboratory analytical reports and REI's data quality review are included in Appendix H. Table 3 (Appendix A) also includes two categories of Soil Guidance Values obtained from the STARS Memo #1, the TCLP Alternative Guidance Values are listed in column "a" and Human Health Guidance Values are listed in column "b". In addition, Table 3 (Appendix A) lists TAGM 4046 ("Determination of Soil Cleanup Objectives and Cleanup Levels") recommended soil cleanup levels.

No VOCs were detected in soil samples from either site. The only SVOC detected in any of the soil samples was bis (2-ethylhexyl) phthalate. It was detected at the same low concentrations (i.e., 390 parts per billion (ppb) at both locations. These reported levels are well below the recommended soil cleanup level of 50,000 ppb. Because no NYSDEC STARS Memo #1 alternative guidance value was exceeded, no sample TCLP extract was analyzed.

3.2.3 October 1997 Groundwater Sampling Results

Tables 4A and 4B (Appendix A) summarize the groundwater analytical data and applicable NYSDEC ambient water quality standards/guidance values. Copies of the laboratory analytical reports and a summary of REI's data quality review are included in Appendix H.

Data Quality Review

Based on REI's data quality review, toluene concentrations for samples B67 and W04 should be considered as false positives because this constituent was detected in the associated method blank. Results for acid extractable compounds for samples B67, W02, W04 and W05 (while non-detect) should also be rejected since they were not recoverable in the sample matrix. These include the following constituents:

2-Chlorophenol
2-Methylphenol
4-Methylphenol
2-Nitrophenol
4-Nitrophenol
2,4 Dichlorophenol
2,4 Dimethylphenol
2,4 Dinitrophenol
2,4,6 Trichlorophenol

2,4,5-Trichlorophenol
4-Chloro-3-methylphenol
4-Bromophenyl-phenylether
4,6-Dinitro-2-Methylphenol
4-Chlorophenyl-phenylether
Pentachlorophenol
Phenol

Results for sample W02 for the constituents listed below (while non-detect) should also be rejected due to low matrix spike recoveries:

2-chloroethylvinylether
phenol
4-methylphenol
2,4-dimethylphenol
4-chloro-3-methylphenol
hexachlorocyclopentadiene
2,4-dinitrophenol
4-nitrophenol
4,6-dinitro-2-methylphenol
pentachlorophenol

In addition, the positive result reported for naphthalene for sample W02 is considered to have a potential for variability in the results reported.

Lastly the nitrate/nitrite results for samples B67, W01, and W02 (while non-detect) should be rejected and the positive results for samples MW-1, W04, and W05 are biased low, due to extremely low matrix spike/matrix spike duplicate recoveries.

The concerns noted do not significantly affect the investigation because the potential impact at the two sites is believed to stem from petroleum constituents and, with the exception of naphthalene and toluene, the constituents in question are not typically associated with petroleum products.

Results

Analysis of groundwater samples collected from the 211-02 Northern Boulevard site (Table 5B, Appendix A) indicated that VOC and SVOC constituent concentrations were all below the applicable NYSDEC ambient water quality standards/guidance values.

The groundwater analyses for two groundwater samples (B6-7 and W02) from the 212-19 Northern Boulevard site indicated that VOC results were all below the applicable NYSDEC ambient water quality standards/guidance values. Analysis of the groundwater samples collected from monitoring well W01 at the 212-19 Northern Boulevard site exhibited concentrations of several petroleum-related VOCs that slightly exceeded the NYSDEC groundwater standard/guidance values. The exceedances are: Chlorobenzene (9.2 ppb), 4-Chlorotoluene (27 ppb), 1,3-Dichlorobenzene (23 ppb), 1,2-Dichlorobenzene (7.6 ppb), Benzene (0.79 ppb), n-butyl Benzene (6.7 ppb), sec-Butylbenzene

(24 ppb), Ethylbenzene (24 ppb), Isopropylbenzene (10 ppb), p-Isopropyltoluene (27 ppb), n-Propylbenzene (26 ppb), Toluene (10 ppb) and o-Xylene (8.1 ppb). Concentrations of many of these compounds in a duplicate sample for W01 did not exceed the standards/guidance value.

The concentration of iron in all wells sampled (B6-7, MW-1, W01, W02, W04 and W05) at both of the sites exceeded the NYSDEC groundwater standard. These results are for unfiltered samples and are most likely due to soil or sediment in the sample.

3.2.4 October 1997 Groundwater Conditions

The top of well casing elevations were surveyed to an arbitrary datum and the depth to groundwater was measured in each of the monitoring wells. Water level measurement and elevation data are summarized in Table 2 (Appendix A). No separate phase liquids were identified in the monitoring wells. The direction of local groundwater flow, as measured during this round of sampling, is to the southeast at the 212-19 Northern Boulevard site, as depicted in Figure 3A, and to the north-northeast at the 212-02 Northern Boulevard site, as illustrated in Figure 3B.

Based on local topography, drainage patterns, and surface water features, regional groundwater flow from the Property is not tidally-influenced and is believed to be toward the Little Neck Bay to the northeast. This is consistent with groundwater flow direction as determined by S&S Environmental Services, Inc. in February 1997.

3.2.5 January 1998 Groundwater Sampling Results

Table 7 in Appendix A shows those analytes detected at concentrations above the laboratory reporting limits. Laboratory data and REI's data quality review are included in Appendix H.

Data Quality Review

Methylene chloride, 1,1,1-trichloroethane, and trichlorofluoromethane were detected in the method blank. Concentrations of these constituents were qualified "B" by the laboratory, and should be considered false positives due to laboratory contamination.

Methylene chloride, 1,2-dichloropropane and trichlorofluoromethane were detected in the trip blank (TB011398). As noted above, the results for methylene chloride and trichlorofluoromethane should be considered false positives due to laboratory contamination. 1,2-Dichloropropane may also be considered falsely positive.

Methylene chloride, trichloroethene, trichlorofluoromethane and toluene were detected in the equipment blank (EB011398). Methylene chloride and trichlorofluoromethane are considered to be a false positive due to laboratory contamination. The trichloroethene and toluene values reported for W02 may also be considered falsely positive.

High Relative Percent Differences (RPDs) between the spiked sample (W02) results and the unspiked sample results were observed for hexachlorobutadiene (W02), 1,2,3-trichlorobenzene

(W02) and 1,2,4-trichlorobenzene (W05). A potential for variability in the results reported exists since positive results are affected by high RPDs.

Based on REI's data quality review, results for 2,4-dinitrophenol, 4-nitrophenol and pentachlorophenol are considered rejected for samples W02, W05DUP, and B-6-7 due to extremely low laboratory control sample (LCS) recoveries. Therefore, these results are not included in Table 2.

The spiked sample W02 had no MS/MSD recovery for sulfate. Due to the lack of MS/MSD recovery, the positive detects for this constituent are considered to have a potential for low bias in the results reported.

Laboratory QA/QC data was not received for iron, therefore, an assessment of laboratory QA/QC data and its effects on the sample data could not be made.

Results

Analysis of three groundwater samples (MW-1, W04 and W05) collected from the 211-02 Northern Boulevard property and the two groundwater samples (B-6-7 and W02) collected from the 212-19 Northern Boulevard property (Table 2) indicated that VOC and SVOC constituent concentrations were all below the applicable NYSDEC ambient water quality standards/guidance values. Groundwater analytical data was not obtained from well W01 (212-19 Northern Boulevard property) during this sampling event due to an obstruction in the well. W01 was the only well that had VOC exceedances during the prior round of sampling.

The concentration of iron in all wells sampled (B6-7, MW-1, W02, W04 and W05) at both of the properties exceeded the NYSDEC groundwater standard. These results, which are for both unfiltered and lab filtered samples, are common to this regional aquifer.

3.2.6 January 1998 Groundwater Conditions

Table 6 in Appendix A provides relative groundwater elevations. Due to the absence of water level information from well W01, the direction of local groundwater flow at the 212-19 Northern Boulevard site could not be confirmed. However, it does appear that a southerly component of groundwater flow exists (Figure 4A, Appendix B), as noted in the previous round. Elevations of groundwater in the monitoring wells at the 211-02 Northern Boulevard property continue to suggest a northeasterly groundwater flow under a low hydraulic gradient (Figure 4B, Appendix B).

4.0 FINDINGS AND OPINIONS

Based on the results of the investigation, REI's findings and opinions are as follows:

212-19 Northern Boulevard Site

- Analysis of soil samples did not indicate the presence of any constituent at a level exceeding NYSDEC Standards.

- Analysis of groundwater samples collected during the initial round of sampling indicated a number of exceedances of standards for VOCs in monitoring well W01. The exceedances were judged to be fairly minor ranging up to 27 parts per billion (ppb). No exceedances were noted in water from new well W02. No exceedances were noted in the groundwater sample collected from existing well B6-7 in which several exceedances were noted by S&S in February 1997 (Appendix L). During the second round of sampling well W01 was found to be obstructed with an undetermined foreign material. The obstruction may be concrete which could have been inadvertently introduced to the well during repairs that were conducted subsequent to the initial round of sampling. No exceedances were again noted in wells W02 or B6-7 during the second round of groundwater sampling. The only well that appears to have impacted groundwater is well W01, and this impact appears minor.

- Local groundwater flow direction was determined to be to the southeast during the first round of sampling, rather than to the northeast as indicated during a prior investigation of the site by S&S Environmental Sciences, Inc. Because of the availability of only two wells it was not possible to determine groundwater flow direction during the second round of sampling, but the available water level data is consistent with flow to the southeast as determined in the first round of sampling

- Prior review of the New York City Fire Department's Bureau of Fire Prevention pre-1957 records indicated the potential presence of 13 USTs at the site. REI's review of pre-1980 Sanborn maps indicated the presence of up to 12 USTs at the site. The minor discrepancy may have to do with tank maintenance (replacement), which is not reflected on the Sanborn maps, or with other considerations.

- Based on review of the 1980 Sanborn maps, an environmental database search, interviews with site personnel, numerous renovations and construction activities, a lack of physical evidence and the drilling of 14 borings in the service area, it is REI's opinion that, except for the two known abandoned-in-place tanks, no other tanks remain that need to be addressed.

- Further attempts to locate the former tanks, if any, by geophysical methods are likely to be inconclusive because of the presence of extensive subsurface structures (lifts, utilities, reinforced concrete) and the likely presence of remnants of former site structures beneath the current facility. Earlier uses of ground penetrating radar at the site by S&S Environmental Sciences, Inc in 1993 to locate abandoned-in-place tanks at the northeastern corner of the building were unsuccessful. Any attempt to investigate the potential presence of abandoned

USTs through excavation could potentially damage the existing structure. Further attempts to locate former tanks, if any, would be impractical especially inside the existing buildings.

- Significant infiltration of rainwater to the water table is prevented by the building that completely covers the site. It would be unlikely that the constituents associated with any impacted soil, which might be present, would significantly leach to the groundwater at a depth of 25-40 feet.

- Installation of any groundwater remedial system to address the minor exceedances detected would be expensive, difficult and likely to be of limited usefulness due to:

  - The absence of known continuing sources of soil impact;
  - The thick vadose zone and great depth to groundwater (25-40+ feet);
  - The nature of dense bouldery glacial till which is difficult to penetrate;
  - The difficult access given that the building completely covers the site, and the ceiling clearances are relatively low. Also, the use of commercial space is at premium;
  - The relatively low concentration of constituents present;
  - The slow groundwater rate of recharge given the presence of the building;
  - The possibility of groundwater impacts in the general vicinity due to other potential sources such as the 11 leaking UST sites within ½ mile of the site identified during the database search; and,
  - The use of a public water supply exclusively to provide potable water in this highly urbanized area.

211-02 Northern Boulevard Site

- Analysis of soil and groundwater samples collected during the investigation did not indicate the presence of any constituent at a level exceeding the NYSDEC standards.

- Analysis of groundwater collected by others in February 1997 from a boring/temporary well (B12) located in close proximity to W05 had indicated the presence of a few SVOC constituents at levels exceeding NYSDEC standards (Appendix L). Analysis of soil sampled from SB-05/W05 during the SI did not indicate the presence of any constituent at levels of regulatory concern. This suggests that soil and groundwater impact are limited in extent in this area.

- Local groundwater flow directions were determined to be north-northeast during the first and second round of sampling. As a result, it appears that new wells W04 and W05 are located directly downgradient of the former dry well, as intended in the Work Plan. Based on analytical data and groundwater flow direction it appears that constituents associated with any impacted soils in the dry well area which might be present, are not significantly impacting groundwater.

- Significant infiltration of rainwater to the water table is prevented by the building and pavement that completely covers the site. It would be unlikely that the constituents associated with any impacted soil, which might be present, would significantly leach to the groundwater which is located at a depth of 25-40 feet below ground surface.

It is REI's opinion that no additional remediation or sampling is warranted at the present time at either site, and that the sites should be considered for no further action status.

5.0 LIMITATIONS

Within the limitations of the agreed-upon Scope of Work, this assessment has been undertaken and performed in a professional manner in accordance with generally accepted practices, using the degree of skill and care ordinarily exercised by reputable environmental consultants under similar circumstances. Due to physical limitations inherent to this or any environmental assessment, REI expressly does not warrant that the site is free of pollutants, nor that all pollutants have been identified. No other warranties, express or implied, are made.

In preparing this report, REI has relied upon certain information and representations provided by Government and site employees, documents provided by the site owner and/or operator, and upon Government database searches provided by others. Except as discussed, REI did not attempt to independently verify the accuracy or completeness of that information, but REI did not detect any inconsistency or omission of a nature that might call into question the validity of any of the information. To the extent that the conclusions in this report are based in whole or in part on such information, those conclusions are contingent on its accuracy and validity. REI assumes no responsibility for any consequence arising from any information or condition that was concealed, withheld, misrepresented, or otherwise not fully disclosed or available to REI.

This report has been prepared for the express use of Chrysler. No other person or organization is entitled to rely upon any part of this report without the prior written consent of REI. Chrysler may release all or part(s) of this report to third parties, however, such third party in using this report agrees that it shall have no legal recourse against REI or its parent or subsidiaries, and shall indemnify and defend REI or its parent or subsidiaries from and against all claims arising out of or in conjunction with such use or reliance.

This report does not constitute legal advice. In addition, REI makes no determination or recommendation regarding the decision to purchase, sell, or provide financing for this property.

APPENDIX A

TABLES

TABLE 1

OCT. 1997 SOIL BORING/MONITORING WELL SAMPLE ANALYSIS SUMMARY
CHRYSLER REALTY PROGRAM
BAYSIDE CHRYSLER/PLYMOUTH/JEEP/EAGLE
BAYSIDE, NEW YORK

Borehole	Total Boring Depth (ft)	Depth to Water (ft)	Soil Sample Depth (ft)	Sample Date	Sample No.	Analysis			
						VOC	SVOC	Sulfate and Nitrate	Ferrous Iron
SB01	46.75		36-38	10/1/97	SB013638	X	X		
SB01	46.75		41-43	10/1/97	SB014143	X	X		
W01		40.29		10/3/97	W01	X	X	X	X
SB02	47		25-27	9/30/97	SB022527	X	X		
SB02	47		40-42	9/30/97	SB024042	X	X		
W02		40.0		10/3/97	W02	X	X	X	X
SB04	52		30-32	9/23/97	SB043032	X	X		
SB04	52		40-42	9/23/97	SB044042	X	X		
W04		40.45		10/3/97	W04	X	X	X	X
SB05	52		20-22	9/24/97	SB052022	X	X		
SB05	52		40-42	9/24/97	SB054042	X	X		
W05		39.10		10/3/97	W05	X	X	X	X
B6-7	45	40.07		10/3/97	B67	X	X	X	X
MW1	47.5	40.11		10/3/97	MW-1	X	X	X	X

Notes:
SB - Soil Sample.
W - Groundwater Sample.
B6-7 - Groundwater Sample.
MW-1 - Groundwater Sample.

"X" designates analytical methods employed.

VOC: Total matrix by SW-846 Method 8021 including NYSDEC STARS Memo #1 Parameters.

SVOC: Total Matrix by SW-846 Method 8270 including NYSDEC STARS Memo #1 Parameters, Method 625 (water).

Nitrate by EPA Method 352.1.
Sulfate by EPA Method 375.1.
Ferrous Iron by EPA Method 6010.

TABLE 2

OCT. 1997 WATER LEVEL MEASUREMENT SUMMARY
CHRYSLER REALTY PROGRAM
BAYSIDE CHRYSLER/PLYMOUTH/JEEP/EAGLE
BAYSIDE, NEW YORK

Well I.D.	Total Boring Depth (ft. bgs)	Screened Interval (ft. bgs)	Ground Surface Elevation (ft. msl)	Measuring Point Elevation (ft. msl)	Depth to Water (ft. bmp)	Water Level Elevation (ft. msl)
212-19 Northern Boulevard Site						
B6-7[2]	45	~35-45	65.70	65.24	25.63	39.61
W01[3]	46.75	36-46	65.75	65.22	25.46	39.76
W02[3]	47	35-45	65.50	65.24	25.50	39.74
211-02 Northern Boulevard Site						
MW-1[1]	47	37-47	69.98	69.74	29.87	39.87
W04[3]	52	35-45	69.10	68.33	28.65	39.68
W05[3]	52	35-45	68.55	68.25	29.45	38.80

Notes:
Water levels collected on October 30, 1997.
ft. = feet
bgs = below ground surface
msl = above mean sea level
bmp=below measuring point
Benchmark elevation of 70.00 established by REI at southeast corner of building at 211-02 Northern Boulevard Site.
Measuring Point = Top of PVC

[1] = Installed by S&S Environmental Sciences, Inc. (10/94).
[2] = Installed by ADT/S&S Environmental Sciences, Inc. (4/97).
[3] = Installed by Aquifer Drilling and Testing, Inc.; oversight provided by REI, Albany, New York (10/97).

TABLE 3

OCT. 1997 SOIL ANALYTICAL RESULTS SUMMARY
CHRYSLER REALTY PROGRAM
BAYSIDE CHRYSLER/PLYMOUTH/JEEP/EAGLE
BAYSIDE, NEW YORK

			Boring Number:	SB01	SB01	SB02	SB02	SB04	SB04	SB05	SB05
			Sample Depth Interval (feet):	36-38	41-43	25-27	40-42	30-32	40-42	20-22	40-42
			Sample ID:	SB013638	SB014143	SB022527	SB024042	SB043032	SB044042	SB052022	SB054042
ANALYTE	**Guidance Values[1]**		**Guidance Values[2]**	**212-19 Northern Boulevard**				**211-02 Northern Boulevard**			
	a	**b**									
SVOCs											
bis(2-ethylhexyl)phthalate	NA	NA	50,000	ND	0	ND	ND	ND	**390**	ND	ND

Notes:

No Volatile Organic Compounds (VOCs) were detected in any of the soil boring samples.

Analytical results reported in parts per billion (ppb).

NA = Cleanup level not available. ND = Not Detected above reporting limit.

[1] = Soil Guidance Values obtained from NYSDEC STARS Memo #1 (Petroleum Contaminated Soil Guidance Policy):
a = Alternative Guidance value for total matrix analyses or TCLP Extraction Guidance Value for TCLP Analyses, as applicable. Guidance values provide protection to groundwater.
b = Human Health Guidance Value.

[2] = NYSDEC TAGM #4046 "Determination of Soil Cleanup Objectives and Cleanup Levels", 4/95.

TABLE 4A

OCT. 1997 GROUNDWATER ANALYTICAL RESULTS SUMMARY
212-19 NORTHERN BOULEVARD
CHRYSLER REALTY PROGRAM
BAYSIDE CHRYSLER/PLYMOUTH/JEEP/EAGLE
BAYSIDE, NEW YORK

	Sample ID:	B67	W01	W01 DUP	W02
ANALYTE	**NYAWQS (ppb)[1]**				
Volatile Organic Compounds (ppb)					
Methylene Chloride	5	**1.1 JB**	**3.1 JPB**	**4.7 JPB**	**0.84 JB**
Trichloroethene	5	ND	ND	ND	**0.13 J**
Tetrachloroethene	5	**0.13 J**	ND	ND	ND
Chlorobenzene	5	**0.28 J**	**9.2 P**	**8.1 P**	ND
Bromobenzene	5	ND	**4.9 P**	**3.7 JP**	ND
4-Chlorotoluene	5	**0.081 J**	**27**	**6.4**	ND
1,3-Dichlorobenzene	5	**0.28 J**	**23**	**3.1 JP**	ND
1,4-Dichlorobenzene	4.7	ND	ND	**3.9 JP**	ND
1,2-Dichlorobenzene	4.7	ND	**7.6 P**	**2.1 JP**	**0.48 J**
Benzene	0.7	**0.18 J**	ND	**0.79 JP**	ND
n-butyl Benzene	5	ND	**2.4 J**	**6.7**	**0.46 J**
sec-Butylbenzene	5	**1.0 J**	**24 P**	ND	ND
tert-Butylbenzene	5	**0.26 J**	ND	**3.0 JP**	ND
Ethylbenzene	5	**0.30 J**	**24 P**	**4.6 P**	ND

TABLE 4A (continued)

OCT. 1997 GROUNDWATER ANALYTICAL RESULTS SUMMARY
212-19 NORTHERN BOULEVARD
CHRYSLER REALTY PROGRAM
BAYSIDE CHRYSLER/PLYMOUTH/JEEP/EAGLE
BAYSIDE, NEW YORK

	Sample ID:	B67	W01	W01 DUP	W02
ANALYTE	**NYAWQS (ppb)[1]**				
Isopropylbenzene	5	ND	10 P	4.7 J	ND
p-Isopropyltoluene	5	0.075 J	27	5.8	ND
Naphthalene	10	ND	ND	ND	1.1 J
Styrene	50	0.55 J	4.2 P	1.8 JP	ND
n-Propylbenzene	5	0.081 J	26	6.7	ND
Toluene	5	0.83 J	10 P	5.0 JP	ND
1,2,4-Trimethylbenzene	5	0.26 J	ND	ND	ND
o-Xylene	5	0.25 J	8.1	2.9 JP	ND
m-Xylene	5	0.27 JX	1.6 JPX	0.46 JPX	0.42 JX
p-Xylene	5	0.27 JX	1.6 JPX	0.46 JPX	0.42 JX
1,3,5-Trimethylbenzene	5	ND	ND	1.0 JP	ND
MTBE	50	1.6	ND	2.2 JP	ND

G

TABLE 4A (continued)

OCT. 1997 GROUNDWATER ANALYTICAL RESULTS SUMMARY
212-19 NORTHERN BOULEVARD
CHRYSLER REALTY PROGRAM
BAYSIDE CHRYSLER/PLYMOUTH/JEEP/EAGLE
BAYSIDE, NEW YORK

	Sample ID:	B67	W01	W01 DUP	W02
ANALYTE	**NYAWQS (ppb)[1]**				
Semivolatile Organic Compounds (ppb)					
Naphthalene	10 GV	ND	ND	ND	1 J
bis (2-Ethylhexyl) phthalate	50	ND	1 J	2 J	ND
Miscellaneous Parameters (ppm) (mg/L)					
Sulfate	250	81.1	55.2	--	95.9
Nitrate	10	ND	ND	--	ND
Iron (ferrous)	0.30	115	226	--	117

TABLE 4A (continued)

OCT. 1997 GROUNDWATER ANALYTICAL RESULTS SUMMARY
212-19 NORTHERN BOULEVARD
CHRYSLER REALTY PROGRAM
BAYSIDE CHRYSLER/PLYMOUTH/JEEP/EAGLE
BAYSIDE, NEW YORK

Sample ID:	B67	W01	W01 DUP	W02
ANALYTE **NYAWQS (ppb)[1]**				

Notes:

[1] NYAWQS = NY Ambient Water Quality Regulations, NYCRR Title 6, Chapter X, Parts 700-705.
GV = designates Guidance Value.

Shaded values equal or exceed NYAWQS.

All volatile and semivolatile compound concentrations have been reported in parts per billion (ppb); miscellaneous parameter concentrations have been reported in parts per million (ppm).

- - indicates Not Analyzed.

ND = Not Detected at or above the laboratory reporting limit.

J - This flag indicates an estimated value.

B - For organic parameters, this flag indicates that analyte was detected in associated blank as well as sample. For inorganic parameters, this flag indicates that the analyte was detected at a concentration below the Contract Required Detection Limit, but greater than or equal to the Instrument Detection Limit.

P - Indicates an estimated concentration based on the percent difference between the primary column and the confirmation column.

X - Indicates the isomers were not chromatographically separated. The reported individual concentrations for each compound represent an estimate of the total concentrations of the two compounds.

TABLE 4B

OCT. 1997 GROUNDWATER ANALYTICAL RESULTS SUMMARY
211-02 NORTHERN BOULEVARD
CHRYSLER REALTY PROGRAM
BAYSIDE CHRYSLER/PLYMOUTH/JEEP/EAGLE
BAYSIDE, NEW YORK

	Sample ID:	MW-1	W04	W05
ANALYTE	**NYAWQS (ppb)[1]**			
Volatile Organic Compounds (ppb)				
Methylene Chloride	5	**1.2 JB**	**1.2 JB**	**1.0 JPB**
Chloroform	7	ND	ND	**0.29 JP**
Trichloroethene	5	**0.23 J**	**0.77 J**	**0.14 JP**
Tetrachloroethene	5	**0.82 J**	**1.1 J**	**2.7**
4-Chlorotoluene	5	ND	**0.050 J**	ND
2-Chlorotoluene	5	ND	**0.039 J**	ND
n-butyl Benzene	5	**0.66 J**	ND	ND
tert-Butylbenzene	5	ND	**0.080 J**	ND
Ethylbenzene	5	ND	**0.094 J**	ND
p-Isopropyltoluene	5	ND	**0.066 J**	ND
n-Propylbenzene	5	ND	**0.050 J**	ND
Toluene	5	ND	**0.56 J**	ND
1,2,4-Trimethylbenzene	5	ND	**0.080 J**	ND
o-Xylene	5	ND	**0.095 J**	ND

TABLE 4B (continued)

OCT. 1997 GROUNDWATER ANALYTICAL RESULTS SUMMARY
211-02 NORTHERN BOULEVARD
CHRYSLER REALTY PROGRAM
BAYSIDE CHRYSLER/PLYMOUTH/JEEP/EAGLE
BAYSIDE, NEW YORK

	Sample ID:	MW-1	W04	W05
ANALYTE	**NYAWQS (ppb)[1]**			
m-Xylene	5	ND	**0.12 JX**	ND
p-Xylene	5	ND	**0.12 JX**	ND
1,3,5-Trimethylbenzene	5	ND	**0.086 J**	ND
MTBE	50	ND	ND	**3.3 JP**
Semivolatile Organic Compounds (ppb)				
bis (2-Ethylhexyl) phthalate	50	**1 J**	ND	**1 J**
Miscellaneous Parameters (ppm) (mg/L)				
Sulfate	250	**65.9**	**58.8**	**40.7**
Nitrate	10	**5.04**	**3.57**	**0.515**
Iron (ferrous)	0.30	**33.1**	**348**	**237**

TABLE 4B (continued)

OCT. 1997 GROUNDWATER ANALYTICAL RESULTS SUMMARY
211-02 NORTHERN BOULEVARD
CHRYSLER REALTY PROGRAM
BAYSIDE CHRYSLER/PLYMOUTH/JEEP/EAGLE
BAYSIDE, NEW YORK

	Sample ID:	MW-1	W04	W05
ANALYTE	**NYAWQS (ppb)[1]**			

Notes:

[1] NYAWQS = NY Ambient Water Quality Regulations, NYCRR Title 6, Chapter X, Parts 700-705.
GV = designates Guidance Value.

Shaded values equal or exceed NYAWQS.

All volatile and semivolatile compound concentrations have been reported in parts per billion (ppb); miscellaneous parameter concentrations have been reported in parts per million (ppm).

ND = Not Detected at or above the laboratory reporting limit.

J - This flag indicates an estimated value.

B - For organic parameters, this flag indicates that analyte was detected in associated blank as well as sample. For inorganic parameters, this flag indicates that the analyte was detected at a concentration below the Contract Required Detection Limit, but greater than or equal to the Instrument Detection Limit.

P - Indicates an estimated concentration based on the percent difference between the primary column and the confirmation column.

X - Indicates the isomers were not chromatographically separated. The reported individual concentrations for each compound represent an estimate of the total concentrations of the two compounds.

10

TABLE 5

JAN. 1998 SOIL BORING/MONITORING WELL SAMPLE ANALYSIS SUMMARY
BAYSIDE CHRYSLER PLYMOUTH JEEP EAGLE
BAYSIDE, NEW YORK

Well I.D.	Depth to Water (ft BMP)	Groundwater Sample Date	Groundwater Sample No.	Analysis				
				VOC	SVOC	Sulfate and Nitrate	Ferrous Iron (Total)	Ferrous Iron (Dissolved)
212-19 Northern Boulevard Site								
B-6-7	39.77	1/13/98	B6-7	X	X	X	X	X
W01	NE	NA	NA	NA	NA	NA	NA	NA
W02	39.89	1/13/98	W02	X	X	X	X	X
211-02 Northern Boulevard Site								
MW-1	40.05	1/13/98	MW-1	X	X	X	X	X
W04	38.87	1/13/98	W04	X	X	X	X	X
W05	38.97	1/13/98	W05	X	X	X	X	X

Notes:
NE - Not Encountered
NA - Not Applicable
VOC (Totals by SW-846 Method 8021)
SVOC (Total Matrix by SW-846 Method 625
Nitrate by EPA Method 352.1
Sulfate by EPA Method 375.1
Ferrous Iron by EPA Method 6010

TABLE 6

JAN. 1998 WATER LEVEL MEASUREMENT SUMMARY
CHRYSLER REALTY PROGRAM
BAYSIDE CHRYSLER/PLYMOUTH/JEEP/EAGLE
BAYSIDE, NEW YORK

Well I.D.	Total Well Depth (ft. bgs)	Screened Interval (ft. bgs)	Ground Surface Elevation (ft. msl)	Measuring Point Elevation (ft. msl)	Depth to Water (ft. bmp)	Water Level Elevation (ft. msl)
212-19 Northern Boulevard Site						
B-6-7[2]	45.40	~35-45	65.70	65.24	39.77	25.47
W01[3]	37.22*	36-46	65.75	65.22	NE	NA
W02[3]	44.94	35-45	65.50	65.24	39.89	25.35
211-02 Northern Boulevard Site						
MW-1[1]	47.26	37-47	69.98	69.74	40.05	29.69
W04[3]	46.12	35-45	69.10	68.33	38.87	29.46
W05[3]	45.25	35-45	68.55	68.25	38.97	29.28

Notes:

* Significant change noted in total depth of well. Measured well depth during first sampling round was 45.80 feet below ground surface (BGS).
Water levels collected on January 13,1998.
ft. = feet
bgs = below ground surface
msl = above mean sea level
bmp=below measuring point
Benchmark elevation of 70.00 established by REI at southeast corner of building at 211-02 Northern Boulevard Site.
Measuring Point = Top of PVC
NE=not encountered
NA=not applicable

[1] = Installed by S&S Environmental Sciences, Inc. (10/94).
[2] = Installed by ADT/S&S Environmental Sciences, Inc. (4/97).
[3] = Installed by Aquifer Drilling and Testing, Inc.; oversight provided by Rust Environment & Infrastructure, Albany, New York (10/97).

TABLE 7

JAN 1998 GROUNDWATER ANALYTICAL RESULTS SUMMARY
CHRYSLER REALTY PROGRAM
BAYSIDE CHRYSLER PLYMOUTH JEEP EAGLE
BAYSIDE, NEW YORK

Sample ID:		B6-7	MW-1	W01	W02	W04	W05	W05 DUP
ANALYTE	**NYAWQS (ppb)[1]**							
Volatile Organic Compounds (ppb)								
Methylene Chloride	5	**1.5 B**	**1.7 B**	NS	**1.6 B**	**1.7 B**	**1.4 JB**	**1.4 JB**
Chloroform	7	ND	**0.19 J**	NS	ND	ND	**0.091 J**	**0.092 JP**
1,1-Dichloroethane	5	ND	ND	NS	ND	ND	**0.10 JP**	ND
1,2-Dichloropropane	5	ND	**0.11 J**	NS	**0.086 J**	**0.11 J**	ND	ND
Hexachlorobutadiene	5	ND	ND	NS	**0.56 J**	ND	**0.12 J**	ND
1,1,1-Trichloroethane	5	ND	**0.13 JB**	NS	ND	**0.088 JB**	ND	ND
Trichloroethene	5	ND	**0.11 J**	NS	**0.42 J**	**0.19 J**	**0.22 J**	**0.14 JP**
Trichlorofluoromethane	5	**0.21 JB**	**0.24 JB**	NS	**0.20 JB**	**0.26 JB**	**0.23 JB**	**0.28 JB**
Tetrachloroethene	5	**0.19 JP**	**1.2 J**	NS	**0.75 J**	**1.2 J**	**2.6**	**2.9**
1,2,3-Trichlorobenzene	5	ND	ND	NS	**0.18 J**	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	NS	**0.13 J**	ND	**0.14 JP**	ND
1,2-Dichlorobenzene	4.7	ND	ND	NS	ND	ND	**0.071 JP**	ND
Benzene	0.7	**0.49 J**	ND	NS	ND	ND	ND	ND
n-butyl Benzene	5	**0.58**	**0.20 J**	NS	ND	**0.34 J**	ND	ND
Toluene	5	**0.99 JP**	ND	NS	**0.14 J**	ND	ND	ND

TABLE 7 (continued)

GROUNDWATER ANALYTICAL RESULTS SUMMARY
CHRYSLER REALTY PROGRAM
BAYSIDE CHRYSLER PLYMOUTH JEEP EAGLE
BAYSIDE, NEW YORK

Sample ID:		B6-7	MW-1	W01	W02	W04	W05	W05 DUP
ANALYTE	**NYAWQS (ppb)[1]**							
o-Xylene	5	**0.26 JP**	ND	NS	ND	ND	ND	ND
m-Xylene	5	**0.17 JP**	ND	NS	**0.12 J**	ND	ND	ND
p-Xylene	5	**0.17 JP**	ND	NS	**0.12 J**	ND	ND	ND
MTBE	50	**5.6 P**	**4.2 J**	NS	ND	ND	ND	ND
Semivolatile Organic Compounds (ppb)								
bis (2-Ethylhexyl) phthalate	50	ND	**6 J**	NS	ND	ND	**2 J**	ND
Miscellaneous Parameters (ppm) (mg/L)								
Sulfate	250	**36.9**	**21.9**	NS	**52.8**	**42.2**	**19.9**	--
Nitrate/Nitrite	10	ND	**0.37**	NS	ND	**6.26**	**1.79**	--
Iron (Total)	0.30	**90.90**	**39.30**	NS	**82.10**	**25.10**	**64.80**	--
Iron (Dissolved)	0.30	**34.30**	**0.45**	NS	**23.70**	**0.67**	**2.15**	--

14

TABLE 7 (continued)

GROUNDWATER ANALYTICAL RESULTS SUMMARY
CHRYSLER REALTY PROGRAM
BAYSIDE CHRYSLER PLYMOUTH JEEP EAGLE
BAYSIDE, NEW YORK

Sample ID:	B6-7	MW-1	W01	W02	W04	W05	W05 DUP
ANALYTE **NYAWQS (ppb)**[1]							

Notes:

[1] NYAWQS = NY Ambient Water Quality Regulations, NYCRR Title 6, Chapter X, Parts 700-705.
GV designates Guidance Value.

Shaded values equal or exceed NYAWQS.

All volatile and semivolatile compound concentrations have been reported in parts per billion (ppb); miscellaneous parameter concentrations have been reported in parts per million (ppm).

- - indicates Not Analyzed.

ND = Not Detected at or above the laboratory reporting limit.
NS= Not Sampled due to obstruction encountered in well.

J - This flag indicates an estimated value.

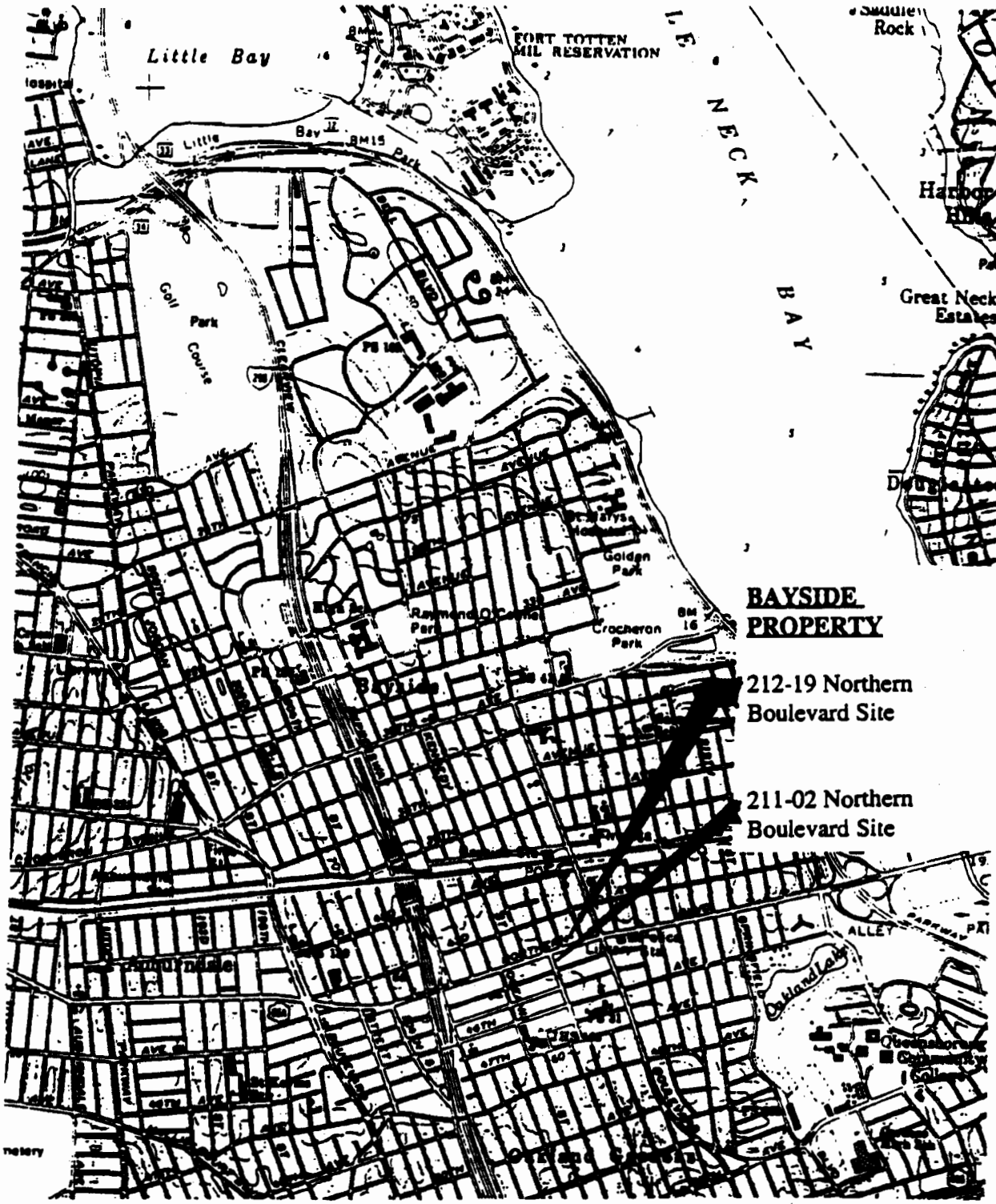
B - For organic parameters, this flag indicates that analyte was detected in associated blank as well as sample. For inorganic parameters, this flag indicates that the analyte was detected at a concentration below the Contract Required Detection Limit, but greater than or equal to the Instrument Detection Limit.

P - Indicates an estimated concentration based on the percent difference between the primary column and the confirmation column.

Page 15 of 15

APPENDIX B

FIGURES



MAP REFERENCE: NYSDOT 7.5 minute
Flushing, N.Y. Quadrangle
Second Edition (1975)

SCALE 0' 2000' 4000'

Contour Interval=10'

RUST

Rust Environment & Infrastructure Inc.

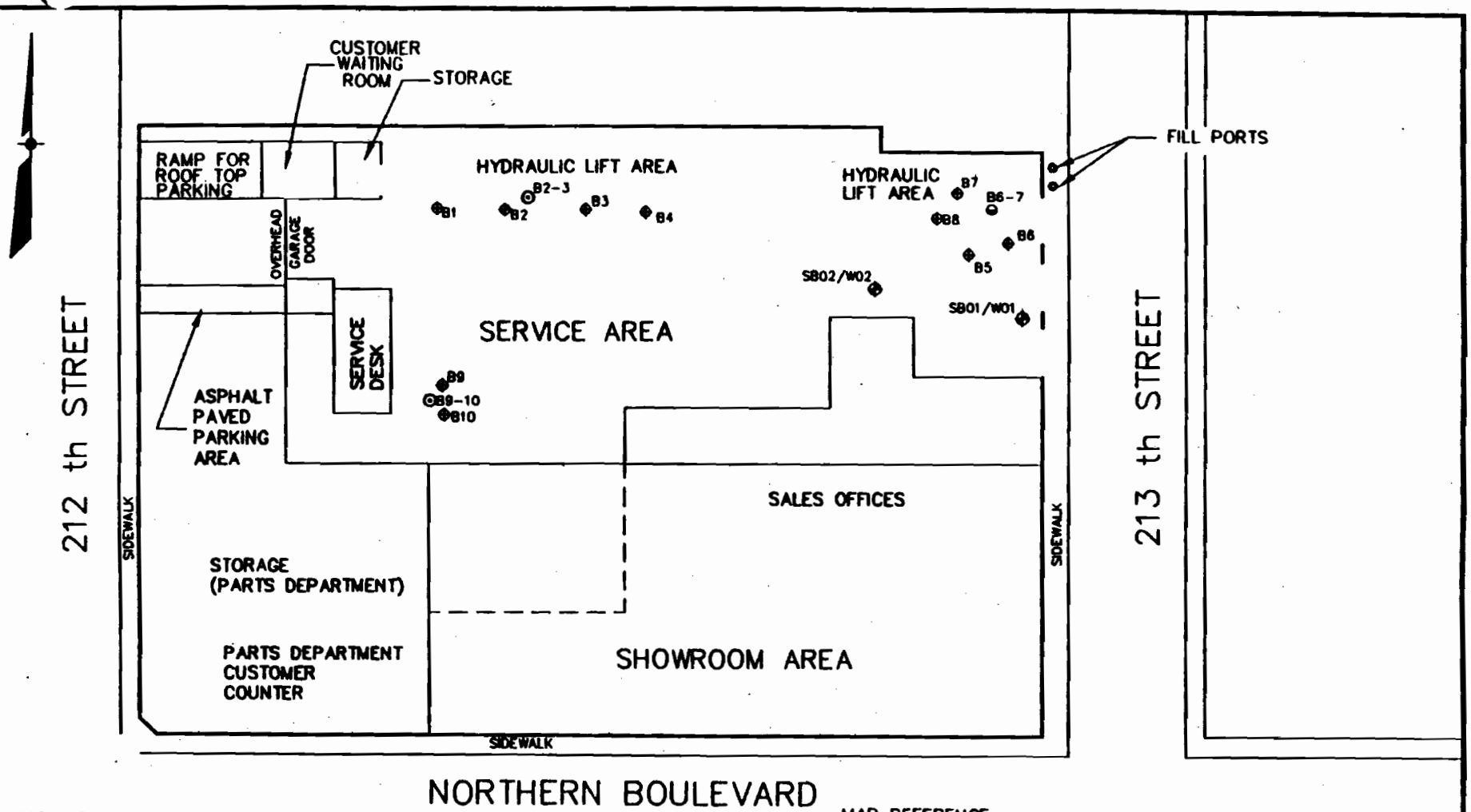
SITE LOCATION MAP
Chrysler Realty Corporation
Bayside Chrysler-Plymouth/Jeep-Eagle
Bayside, Queens, New York

OCTOBER 1997 101654.10001

OCTOBER 27, 1997

101654-02.DWG

pg 1 of 2



LEGEND

- SB02/W02 — SOIL BORING/MONITORING WELL LOCATION (RUST E & I, 1997)
- B4 — BORING & SAMPLING LOCATION, Drilled in 1994 (By Others)
- B2-3 — ADDITIONAL BORING & SAMPLING LOCATION, Drilled in 1997. (By Others)
- B6-7 — EXISTING OVERBURDEN MONITORING WELL, Installed in 1994 By Others.

PLAN

NOT TO SCALE

MAP REFERENCE:
Reference by S & S ENVIRONMENTAL SCIENCES, INC., dated 4/17/97. This drawing is not the result of an instrument survey and should be used for informational purposes only.

FIGURE 2A

RUST

Rust Environment & Infrastructure Inc.

BORING/WELL LOCATION MAP
Bayside Chrysler-Plymouth/Jeep-Eagle
212-19 NORTHERN BOULEVARD
BAYSIDE, QUEENS, NEW YORK

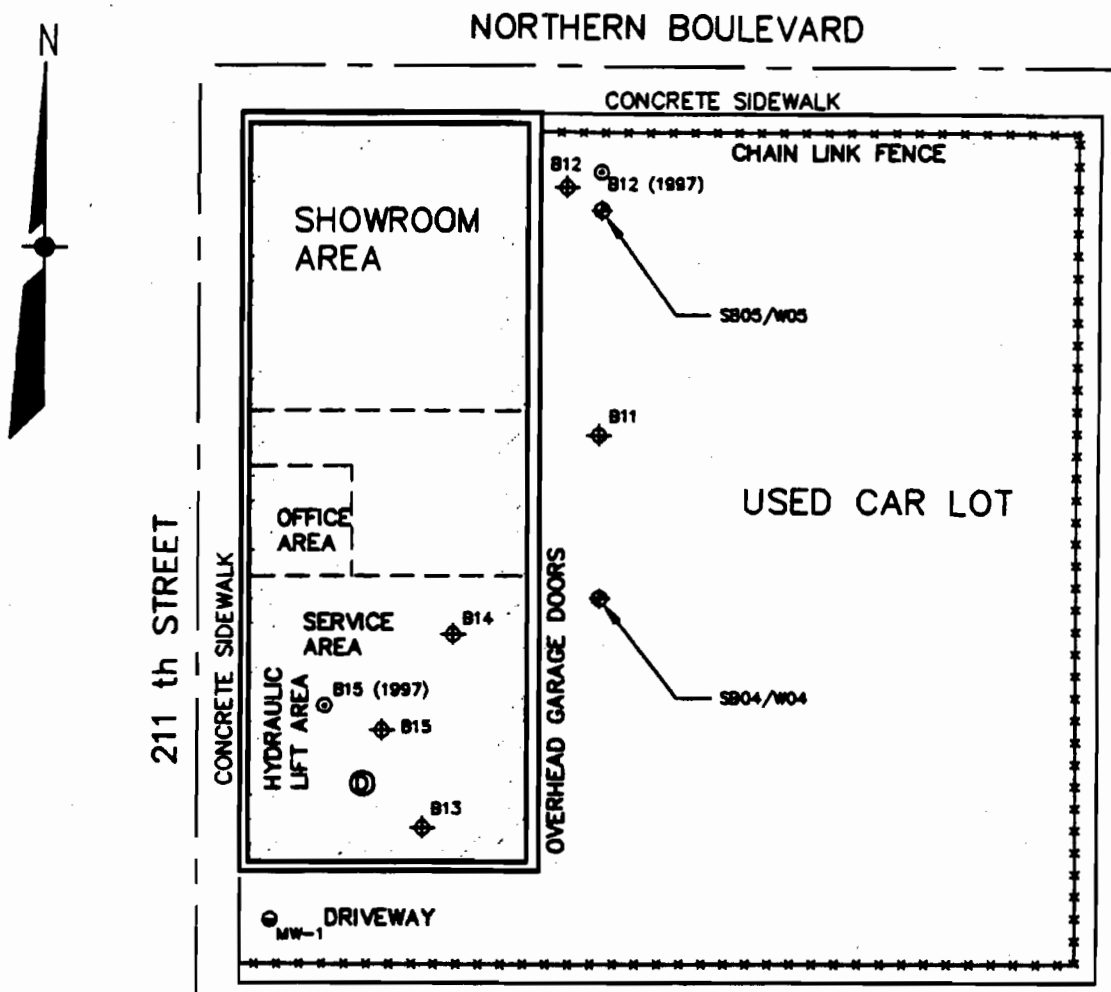
OCTOBER 1997

101654.10001

DECEMBER 12, 1997

101654-1.DWG

Page



PLAN
NOT TO SCALE

LEGEND

- FORMER DRYWELL (Backfilled by S & S (July, 1994))
- B14 BORING & SAMPLING LOCATIONS, Established in 1994.
- B15 ADDITIONAL BORING & SAMPLING LOCATION, Established in 1997.
- MW-1 EXISTING OVERBURDEN MONITORING WELL
- SB04/W04 SOIL BORING/MONITORING WELL (RUST E & I, SEPTEMBER 1997)

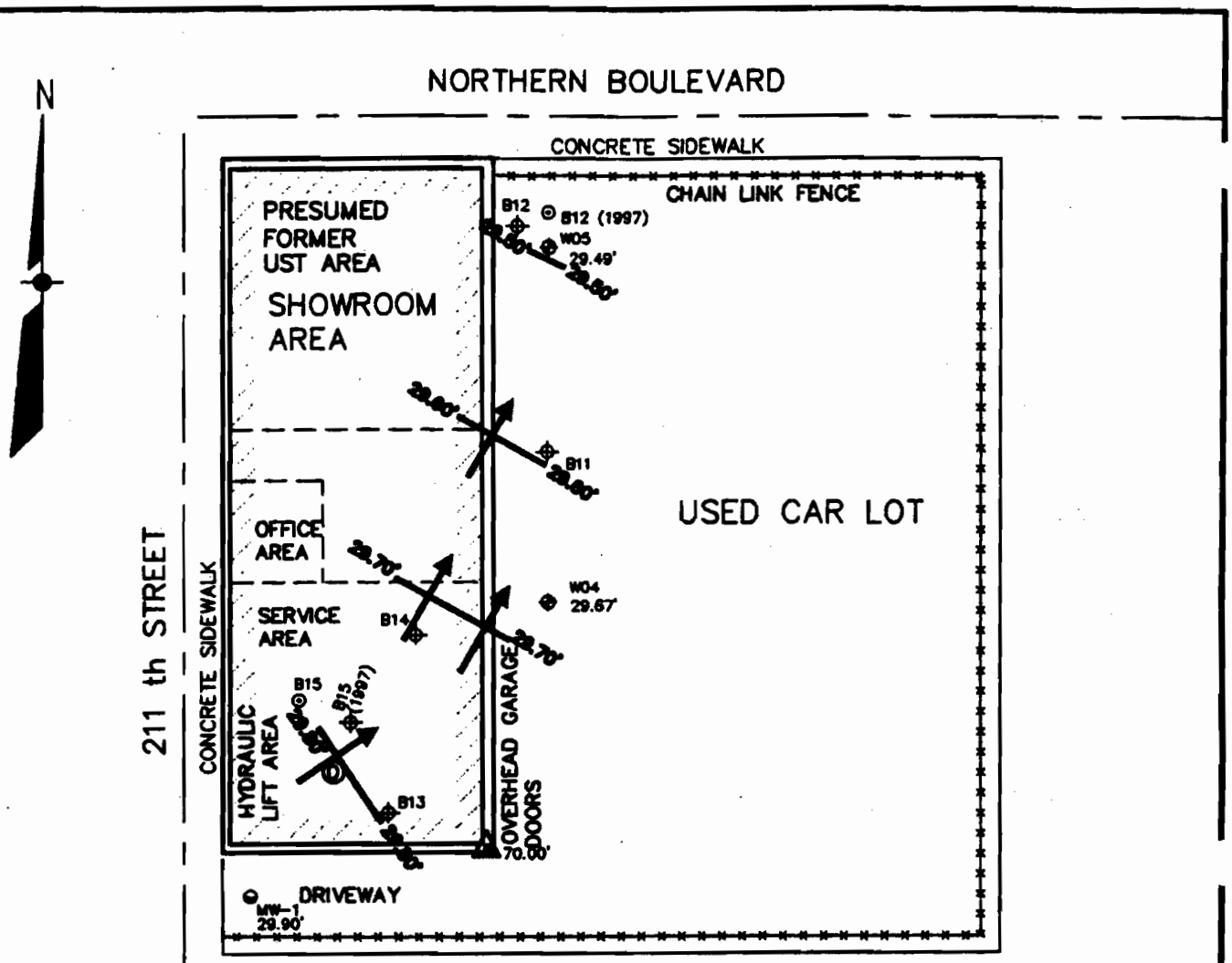
MAP REFERENCE:
Reference by S & S ENVIRONMENTAL SCIENCES, INC. dated 4/17/97.
This drawing is not the result of an instrument survey and should be used for informational purposes only.

FIGURE 2B

RUST
Rust Environment & Infrastructure Inc.

BORING/WELL LOCATION MAP
Bayside Chrysler-Plymouth/Jeep-Eagle
211-02 Northern Boulevard (United Auto Mall)
BAYSIDE, QUEENS, NEW YORK
OCTOBER 1997 101654.10001

DECEMBER 9, 1997
101654-02.DWG



LEGEND

GROUNDWATER CONTOUR (Contour Interval=0.10')

INFERRED DIRECTION OF GROUNDWATER FLOW

MW-1 29.90' — EXISTING OVERBURDEN MONITORING WELL, with corresponding Groundwater Elevation

W04 29.67' — MONITORING WELL (RUST E & I, SEPTEMBER 1997), with corresponding Groundwater Elevation.

Benchmark extablished by Rust E & I @ S.E. Corner of Building=70.00' assumed

FORMER DRYWELL (Backfilled by S & S (July, 1994))

B14 — BORING & SAMPLING LOCATIONS, Established in 1994.

B15 — ADDITIONAL BORING & SAMPLING LOCATION, Established in 1997.

PLAN

NOT TO SCALE

MAP REFERENCE:
Reference by S & S ENVIRONMENTAL SCIENCES, INC. dated 4/17/97.
This drawing is not the result of an instrument survey and should be used for informational purposes only.

FIGURE 3B

RUST

Rust Environment & Infrastructure Inc.

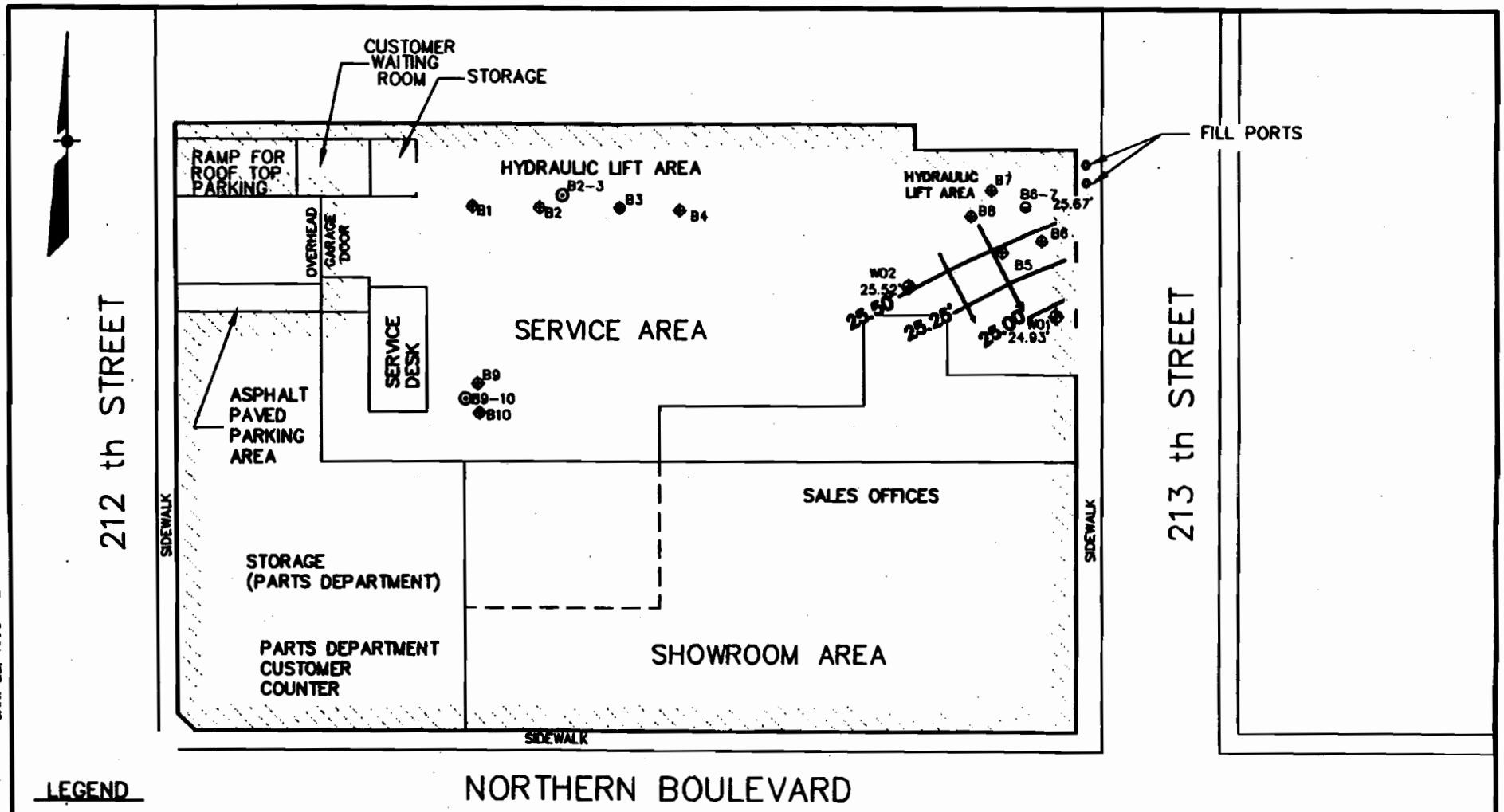
GROUNDWATER CONTOUR MAP
October 3, 1997
Bayside Chrysler-Plymouth/Jeep-Eagle
211-02 Northern Boulevard (United Auto Mall)
BAYSIDE, QUEENS, NEW YORK

OCTOBER 1997 101654.10001

JANUARY 9, 1998

101654-02g.DWG

09 4



LEGEND

- GROUNDWATER CONTOUR, (CONTOUR INTERVAL=0.25')
- INFERRED DIRECTION OF GROUNDWATER FLOW
- W02 / 25.52' — MONITORING WELL LOCATION (RUST E & I, 1997), with corresponding Groundwater Elevation.
- B4 — BORING & SAMPLING LOCATION, Drilled in 1994.
- B2-3 — ADDITIONAL BORING & SAMPLING LOCATION, Drilled in 1997.
- B6-7 / 25.67' — EXISTING OVERBURDEN MONITORING WELL, with corresponding Groundwater Elevation.

PLAN
NOT TO SCALE

MAP REFERENCE:
Reference by S & S ENVIRONMENTAL SCIENCES, INC., dated 4/17/97. This drawing is not the result of an instrument survey and should be used for informational purposes only.

FIGURE 3A

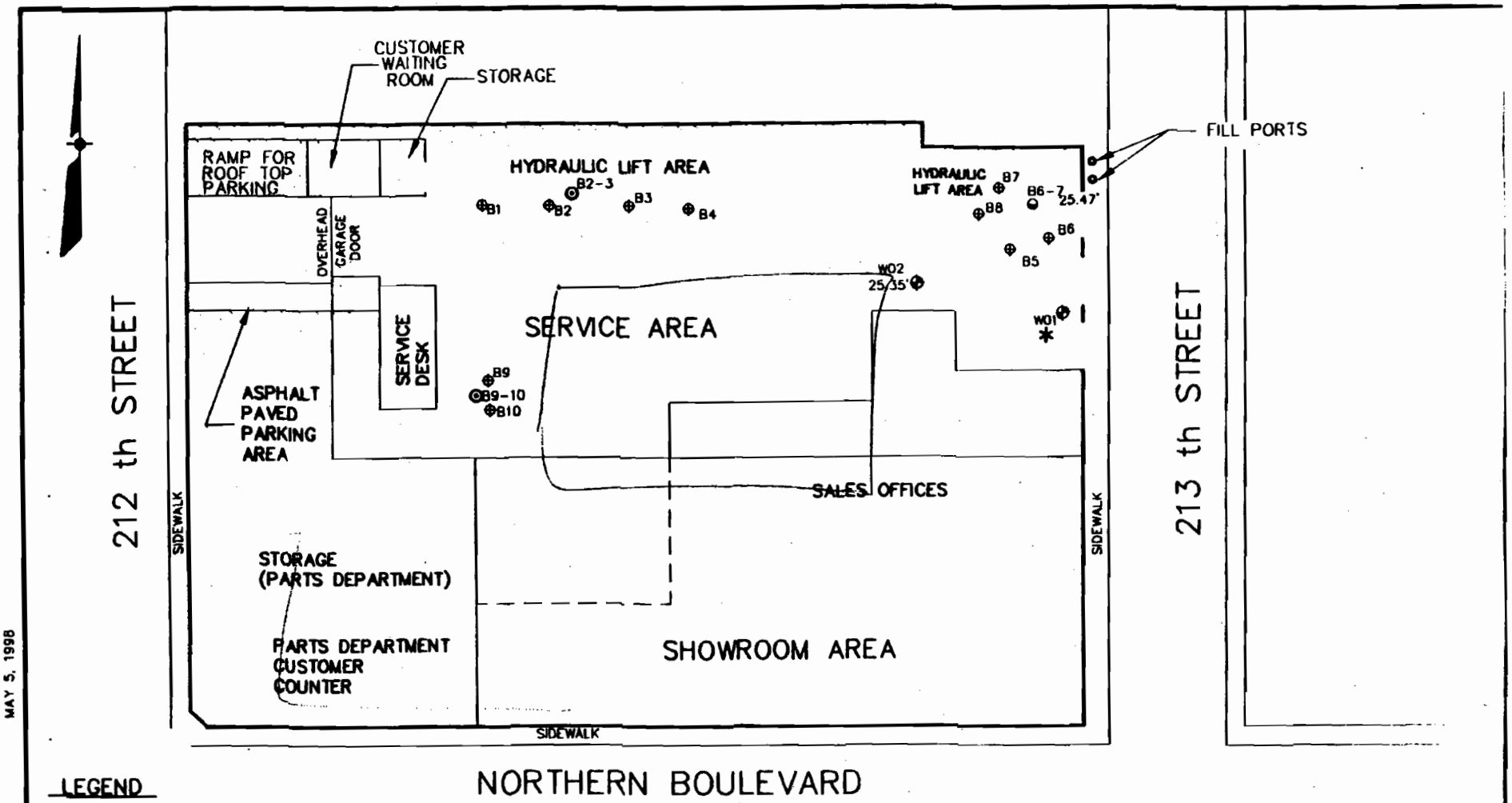
RUST
Rust Environment & Infrastructure Inc.

GROUNDWATER CONTOUR MAP
October 3, 1997
Bayside Chrysler-Plymouth/Jeep-Eagle
212-19 NORTHERN BOULEVARD
BAYSIDE, QUEENS, NEW YORK
OCTOBER 1997
101654.10001

JAN. 22, 1998

101654-1C.DWG

pg 5



LEGEND

* Due to a significant change in the condition of well W01, a water level was not observed on 1/13/98 Therefore, a depiction of groundwater flow patterns, via contouring, could not be performed for this site.

W02 25.35' MONITORING WELL LOCATION (RUST E & I, 1997), with corresponding Groundwater Elevation.

B4 BORING & SAMPLING LOCATION, Drilled in 1994.

B2-3 ADDITIONAL BORING & SAMPLING LOCATION, Drilled in 1997.

B6-7 25.47' EXISTING OVERBURDEN MONITORING WELL, with corresponding Groundwater Elevation.

PLAN
NOT TO SCALE

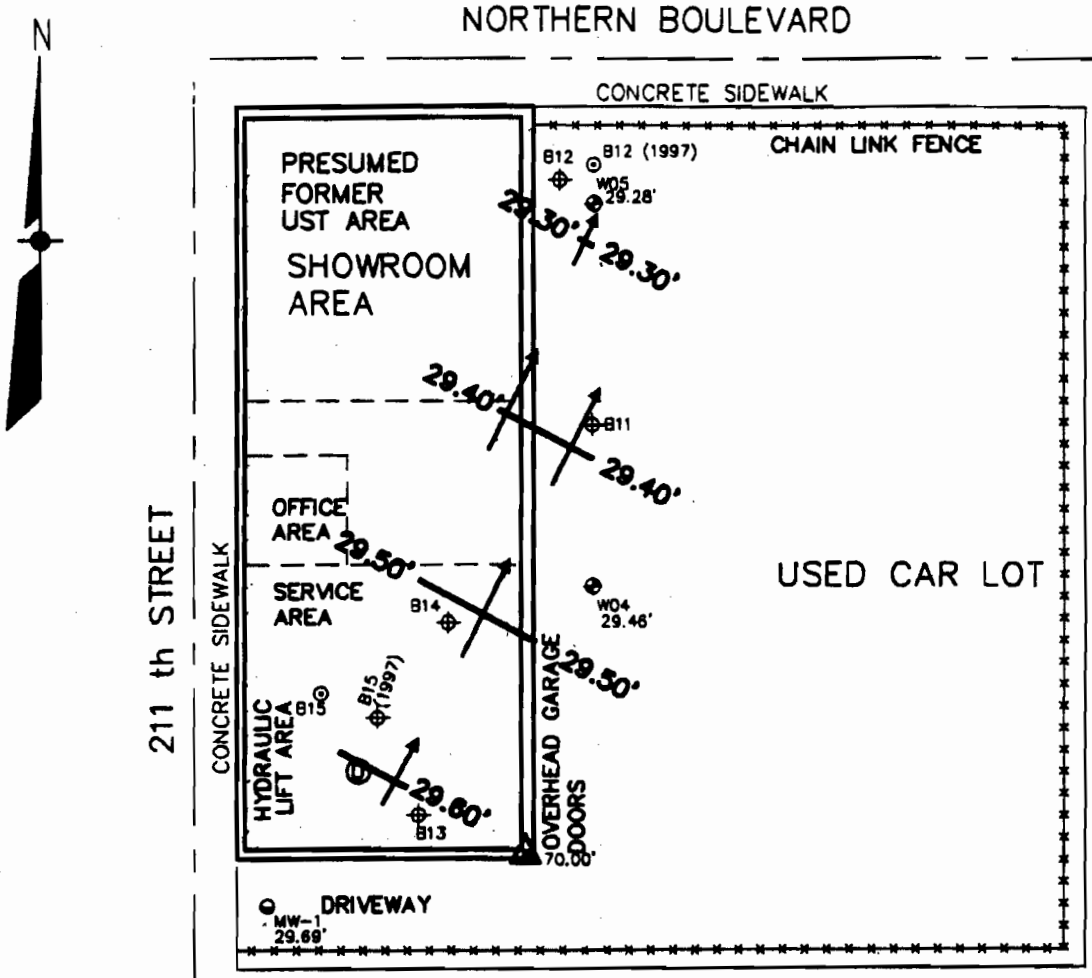
MAP REFERENCE:
Reference by S & S ENVIRONMENTAL SCIENCES, INC., dated 4/17/97. This drawing is not the result of an instrument survey and should be used for informational purposes only.

FIGURE 4A

RUST
Rust Environment & Infrastructure Inc.

GROUNDWATER CONTOUR MAP
January 13, 1998
Bayside Chrysler-Plymouth/Jeep-Eagle
212-19 NORTHERN BOULEVARD
BAYSIDE, QUEENS, NEW YORK
FEBRUARY 1998 101654 10001

MAY 5, 1998
101654-1G.DWG



LEGEND

GROUNDWATER CONTOUR (Contour Interval=0.10', dashed where inferred)

DIRECTION OF GROUNDWATER FLOW

MW-1 29.69' EXISTING OVERBURDEN MONITORING WELL, with corresponding Groundwater Elevation

W04 29.46' MONITORING WELL (RUST E & I, SEPTEMBER 1997), with corresponding Groundwater Elevation.

Benchmark extablished by Rust E & I @ S.E. Corner of Building=70.00' assumed

FORMER DRYWELL (Backfilled by S & S (July, 1994))

B14 BORING & SAMPLING LOCATIONS, Established in 1994.

B15 ADDITIONAL BORING & SAMPLING LOCATION, Established in 1997.

PLAN
NOT TO SCALE

MAP REFERENCE:
Reference by S & S ENVIRONMENTAL SCIENCES, INC. dated 4/17/97.
This drawing is not the result of an instrument survey and should be used for informational purposes only.

FIGURE 4B

RUST
Rust Environment & Infrastructure Inc.

GROUNDWATER CONTOUR MAP
January 13, 1998
Bayside Chrysler-Plymouth/Jeep-Eagle
211-02 Northern Boulevard (United Auto Mall)
BAYSIDE, QUEENS, NEW YORK
FEBRUARY 1998
101654.10001

MAY 5, 1998
101654-02g.DWG

APPENDIX C

TEST BORING LOGS

RUST E&I Albany, NY (518) 458-1313	Test Boring Log	Boring No. SB01

PROJECT: Bayside CPJE (212-19 Northern Blvd.)					Sheet 1 of 3
CLIENT: Chrysler Realty					Job No. 101654.10005
DRILLING CONTRACTOR: Aquifer Drilling & Testing, Inc.					Meas. Pt. Elev.: 65.22'
PURPOSE: Environmental Monitoring					Ground Elev.: 65.75'
DRILLING METHOD: Hollow Stem Auger		SAMPLE	CORE	CASING	Datum: See *
DRILL RIG TYPE: Davey Drill DK50RA	TYPE	SS	–	HSA	Date Started: 10/1/97
GROUNDWATER DEPTH: 25.99'	DIAM.	2"O.D./3"O.D.	–	4 1/4" I.D.	Date Finished: 10/2/97
MEAS. PT.: Below Ground Surface	WEIGHT	140#			Driller: Tony Gembara
DATE OF MEAS.: 10/30/97	FALL	30"			Inspector: Mark Williams

Depth (Feet)	Sample Number	Blow Count	Unified Classif-ication	GRAPHIC LOG	GEOLOGIC DESCRIPTION	REMARKS
0						* Benchmark of 70.00 established @ southeast corner of building @ 211-02 Northern Boulevard Site.
1						
2						
3						
4						
5						
6	S-1	5, 8, 17, 6	ML-SM/ SM-GM		Br-GrBr $ s(-), mf S, s mf G; med dense; occ rk frag; poorly sorted; no odors; no stning (ML-SM/SM-GM).	Rec = 0.1' VOV H.S. = 0.5 ppm Dry to Moist
7						
8						
9						
10						
11						
12	S-2	6, 7, 6, 9	ML-SM/ SM-GM		Br $ l(+), cmf S, l mf G; occ to freq rk frag; poorly sorted; no odrs; no stning (ML-SM/SM-GM).	Rec = 0.5' VOV H.S. = 0.4 ppm Dry
13						
14						
15						
16						
17	S-3	4, 5, 5, 5	SM/GM		Br mf S s(+), $, l mf G; freq rk frag; bony; freq cbls; med dense; no odrs; no stning (SM/GM).	Rec = 0.75' VOV H.S. = 1.8 ppm Dry to Moist
18						
19						
20					(GLACIAL TILL)	

RUST E&I Albany, NY (518) 458-1313	Test Boring Log	Boring No. SB01
PROJECT: Bayside CPJE (212-19 Northern Blvd.)		Sheet 3 of 3
CLIENT: Chrysler Realty		Job No. 101654.10005

Depth (Feet)	Sample Number	Blow Counts	Unified Classif-ication	Visual Log Description	Remarks
					* Sample submitted to Rust E&I - Cincinnati, Oh. for sieve analysis (ASTM D422), USCS Classification (ASTM D2487), Total Organic Carbon (SW846 Method 9060) ** Sample submitted to Adirondack (Albany, NY) for laboratory analysis: VOCs - Method 8021 SVOCs - Method 8270

RUST E&I Albany, NY (518) 458-1313	Test Boring Log	Boring No. SB02

PROJECT: Bayside CPJE (212-19 Northern Blvd.)						Sheet 1 of 3
CLIENT: Chrysler Realty						Job No. 101654.10005
DRILLING CONTRACTOR: Aquifer Drilling & Testing, Inc.						Meas. Pt. Elev.: 65.24'
PURPOSE: Environmental Monitoring						Ground Elev.: 65.50'
DRILLING METHOD: ODEX Air Hammer			SAMPLE	CORE	CASING	Datum: See *
DRILL RIG TYPE: Davey Drill DK50RA		TYPE	SS	–	Flush/ Threaded	Date Started: 9/26/97
GROUNDWATER DEPTH: 25.76'		DIAM.	2"O.D./3"O.D.	–	4" (0.35')	Date Finished: 10/1/97
MEAS. PT.: Below Ground Surface		WEIGHT	140#			Driller: Tony Gembara
DATE OF MEAS.: 10/30/97		FALL	30"			Inspector: Mark Williams

Depth (Feet)	Sample Number	Blow Count	Unified Classif-ication	GRAPHIC LOG	GEOLOGIC DESCRIPTION	REMARKS
0						
1						* Benchmark of 70.00 established @ southeast corner of building @ 211-02 Northern Boulevard Site.
2						
3						
4						
5						
6	S-1	20 100/0	SM/ ML-GM		Br mf S l, $, l mf G; freq rk frag; cbl lodged @ end of spoon; dense-v. dense; no odr; no stning (SM/ML-GM).	Rec = 1.2' VOV H.S. = 0.3 ppm Moist to Dry
7						
8						
9						
10						
11	S-2	6 7 7 8	SM/ ML-GM		Br cmf S l(+), $, l(+) mf(+) G; freq to occ rk frag; med dense; no odr; no stning (SM/ML-GM).	Rec = 0.4' VOV H.S. = 0.2 ppm Dry to Moist
12						
13						
14						
15						
16	S-3*	15 18 19 24	SM		Br mf S l, Cy$, s(-) mf(+) G; freq rk frag; occ cbls; dense; no odr; no stning (SM).	Rec = 0.8' VOV H.S. = 0.2 ppm Moist
17						
18						
19						
20					(GLACIAL TILL)	

RUST E&I Albany, NY (518) 458-1313	Test Boring Log	Boring No. SB02
PROJECT: Bayside CPJE (212-19 Northern Blvd.)		Sheet 3 of 3
CLIENT: Chrysler Realty		Job No. 101654.10005

Depth (Feet)	Sample Number	Blow Counts	Unified Classif-ication	Visual Log Description	Remarks
					* Sample submitted to Rust E&I - Cincinnati, Oh. for sieve analysis (ASTM D422), USCS Classification (ASTM D2487), Total Organic Carbon (SW846 Method 9060) ** Sample submitted to Adirondack (Albany, NY) for laboratory analysis: VOCs - Method 8021 SVOCs - Method 8270

RUST E&I Albany, NY (518) 458-1313	Test Boring Log	Boring No. SB04
PROJECT: UST Investigation (United Auto Mall, 211-02 Northern Blvd.)		Sheet 1 of 3
CLIENT: Chrysler Realty		Job No. 101654.10005
DRILLING CONTRACTOR: Aquifer Drilling & Testing, Inc.		Meas. Pt. Elev.: 68.33'
PURPOSE: Environmental Monitoring		Ground Elev.: 69.10'

DRILLING METHOD: Hollow Stem Auger		SAMPLE	CORE	CASING	Datum: See *
DRILL RIG TYPE: Davey Drill	TYPE	SS	–	HSA	Date Started: 9/23/97
GROUNDWATER DEPTH: 29.42'	DIAM.	2"O.D./3"O.D.	–	3 1/4"/ 4 1/4" I.D.	Date Finished: 9/23/97
MEAS. PT.: Below Ground Surface	WEIGHT	140#			Driller: Tony Gembara
DATE OF MEAS.: 10/30/97	FALL	30"			Inspector: Mark Williams

Depth (Feet)	Sample Number	Blow Count	Unified Classif-ication	GRAPHIC LOG	GEOLOGIC DESCRIPTION	REMARKS
0						
1						* Benchmark of 70.00 established @ southeast corner of building @ 211-02 Northern Boulevard Site.
2						
3						
4						
5						
6	S-1	15 17 100/0	SM		Br-YwBr cmf S l, $; freq rk frag (LS/Dol.); med-dense to v dense; no odor; no stning (SM).	Rec = 0.95' VOV H.S. = 0.5 ppm Dry
7						
8						
9						
10						
11	S-2	2 3 3 4	SM SM/ ML-GM		Br-YwBr cmf S l(+), Cy$, tr(-) f G; inc G from 11.6'-11.75'; firm; no odor; no stning; @ 11-11.45' YwBr cm(+)f S tr(+), $; perched W.T. @ 11.75' (SM / SM/ML-GM).	Rec = 1.45' VOV H.S. = 1.6 ppm Moist/Wet
					(GLACIAL TILL) 11.75'	
12			ML/ SP-SM		Br $&C tr, f S; occ vvd; med stiff; no odor; no stning (ML/SP-SM).	
13						
14						
15						
16	S-3	6 7 8 8	SP-SM		YwBr mf(+) S s, Cy$, tr mf G (SP-SM).	Rec = 0.9' VOV H.S. = 0.8 ppm Wet/Moist
17						
18						
19						
20					(STRATIFIED DRIFT)	

RUST E&I Albany, NY (518) 458-1313	Test Boring Log	Boring No. SB04
PROJECT: UST Investigation (United Auto Mall, 211-02 Northern Blvd.)		Sheet 2 of 3
CLIENT: Chrysler Realty		Job No. 101654.10005

Depth (Feet)	Sample Number	Blow Counts	Unified Classif-ication	Visual Log Description	Geologic Description	Remarks
20						
21	S-4	17, 17, 22, 100/0	SP-SM		Br-LtBr mf(+) S tr, Cy$, tr(+) f G; occ rk frag (bkn cbl); no odr; no stning (SP-SM).	Rec = 0.87' VOV H.S. = 1.4 ppm Wet
22						
23						
24						
25						
26	S-5	6, 8, 7, 6	SP-SM		Br cmf S tr(-), f G; well sorted; no odor; no stning (SP-SM).	Rec = 1.08' VOV H.S. = 1.3 ppm Moist
27						
28						
29						
30						
31	S-6**	6, 7, 7, 9	SP-SM		LtBr cm(+)f S l, mf G; rd-subrded; med-dense; no odor (SP-SM).	Rec = 1.3' VOV H.S. = 2.0 ppm Moist
32						
33						
34						
35						
36	S-7	100, 0.1'	SP-SM		Same; cbl piece lodged @ end of spoon; v dense; no odr; no stning (SP-SM).	Rec = 0.1' VOV H.S. = 2.0 ppm Dry
37						
38						
39						
40						
41	S-8**	6, 8, 11, 8	SP-SM		Br cm(+)f S s tr(+), mf G; rded-sbrded; no odor; med dense (SP-SM).	Rec = 1.75' VOV H.S. = 2.0 ppm Wet W.L. = 39.45' BGS @ 1027P
42						
43						
44						
45						
46	S-9*	6, 6, 6, 7	SP-SM		Br cmf S tr, $, a(-) mf G; rded-sbrded; med dense; no odr (SP-SM).	Rec = 1.05' VOV H.S. = 0.9 ppm Wet
47						
48						
49						
50					(STRATIFIED DRIFT)	

RUST E&I Albany, NY (518) 458-1313	Test Boring Log	Boring No. SB04
PROJECT: UST Investigation (United Auto Mall, 211-02 Northern Blvd.)		Sheet 3 of 3
CLIENT: Chrysler Realty		Job No. 101654.10005

Depth (Feet)	Sample Number	Blow Counts	Unified Classif-ication	Visual Log Description	Geologic Description	Remarks
50 51 52	S-10	4 5 6 6	SP-SM		Br cmf S tr(-), $. s(-) mf G; sbrded-rded; no odr; no stning; med dense (SP-SM). (STRATIFIED DRIFT) 52.0'	Rec = 1.4' VOV H.S. = 0.1 ppm Wet
					Terminated Boring @ 52.0' BGS	
						* Sample submitted to Rust E&I - Cincinnati, Oh. for sieve analysis (ASTM D422), USCS Classification (ASTM D2487), Total Organic Carbon (SW846 Method 9060) ** Sample submitted to Adirondack (Albany, NY) for laboratory analysis: VOCs - Method 8021 SVOCs - Method 8270

RUST E&I Albany, NY (518) 458-1313	Test Boring Log	Boring No. SB02
PROJECT: Bayside CPJE (212-19 Northern Blvd.)		Sheet 2 of 3
CLIENT: Chrysler Realty		Job No. 101654.10005

Depth (Feet)	Sample Number	Blow Counts	Unified Classif-ication	Visual Log Description	Geologic Description	Remarks
20 21 22	S-4	8 9 9 11	SM/ ML-GM		Br cmf(+) S l(-), $, l(+) mf G; freq rk frag; sbrded-sbanglr; med dense; no odr; no stning (SM/ML-GM).	Rec = 1.15' VOV H.S. = 0.8 ppm Moist
23 24 25 26 27	S-5**	6 2 8 8	SM/ ML-GM		Br cm(+)f S tr, $, tr(+) mf(+) G; well sorted; med dense; no odr; no stning (SM/ML-GM).	Rec = 1.25' VOV H.S. = 1.0 ppm Dry
28 29 30 31 32	S-6	4 4 4 4	SM/ ML-GM		Br cmf S tr(-), f G; firm; no stning; no odr (SM/ML-GM).	Rec = 1.0' VOV H.S. = 0.5 ppm Dry
33 34 35 36 37	S-7	4 6 9 11	SM/ ML-GM		Br cm(+)f S l(-), mf G; subang-subrded; firm-med dense; no stning; no odr (SM/ML-GM).	Rec = 0.9' VOV H.S. = 0.6 ppm Dry
38 39 40 41 42	S-8**	5 5 6 6	SM/ ML-GM		Br-DkBrGr cmf S s, mf G; freq to occ rk frag; med dense; occ to freq cbls; no stning; no odr (SM/ML-GM).	Rec = 0.55' VOV H.S. = 0.6 ppm Wet
43 44 45 46 47	S-9	4 5 5 6	SM/ ML-GM		GrBr cmf(+) S a(-), mf G; firm to med dense; occ cbls; no odr; no stning (SM/ML-GM). (GLACIAL TILL) 47.0'	Rec = 1.65' VOV H.S. = 0.8 ppm Wet
48					Terminated Boring @ 47.0' BGS.	

RUST E&I Albany, NY (518) 458-1313	Test Boring Log	Boring No. SB01
PROJECT: Bayside CPJE (212-19 Northern Blvd.)		Sheet 2 of 3
CLIENT: Chrysler Realty		Job No. 101654.10005

Depth (Feet)	Sample Number	Blow Counts	Unified Classif-ication	Visual Log Description	Geologic Description	Remarks
20						
21						
22	S-4	4, 6, 11, 100/0	SM/ ML-GM		Br mf S l, $ l(-) mf(+) G; occ rk frag; occ cbls; med dense to v dense; no odrs; no stning (SM/ML-GM).	Rec = 0.95' VOV H.S. = 0.6 ppm Moist
23						
24						
25					Br cmf S l, Cy$, l(-) mf G; occ rk frag; med dense; no odrs; no stning (SM/ML-GM).	
26	S-5	6, 6, 7, 13	SM/ ML-GM		(GLACIAL TILL) 27.15'	Rec = 1.35' VOV H.S. = 2.4 ppm Dry to Moist
27			SP-SM		Br cmf S tr(+), f G; well sorted; med dense; no odrs; no stning (SP-SM).	
28						
29						
30						
31	S-6*	5, 6, 9, 8	SP-SM		Br cm(+)f S tr, $, tr f G; well sorted; poorly graded, med dense; no odrs; no stning (SP-SM).	Rec = 1.2' VOV H.S. = 1.8 ppm Moist
32						
33						
34						
35						
36	S-7**	4, 4, 4, 4	SP-SM		Br mf(+) S tr, $, tr(-) f G; firm; well sorted; no odr; no stning (SP-SM).	Rec = 1.25' VOV H.S. = 1.0 ppm Moist
37					(STRATIFIED DRIFT) 37.45'	
38					LtBr cm(+)f S l(+), mf G; sbrded to occ sbang; occ rk frag (cbls); firm; no odrs; no stning (SP-SM).	
39						39-40' was cbly.
40						
41	S-8**	6, 18, 9, 9	SP-SM		LtBr-Br cmf S s(+), mf G; occ to freq rk frag; med dense; sl odr (SP-SM).	Rec = 1.7' VOV H.S. = 700 ppm Moist/Wet
42					(TRANSITIONAL) 42.05'	
43			SP-SM		Gr cmf S s, mf G; occ rk frag; med dense; petroleum odr noted; soils stnd gray (SP-SM).	
44						
45						
46	S-9	6, 100/0.25'	SP-SM		Gr-GrBr cm(+)f S l; mf(+) G; occ rk frag; med dense-v dense; petroleum odr noted; no stning (SP-SM). 46.75'	Rec = 0.75' VOV H.S. = 680 ppm Wet
47					(STRATIFIED DRIFT)	
48					Terminated Boring @ 46.75' BGS.	
					(STRATIFIED DRIFT)	

RUST E&I Albany, NY (518) 458-1313	Test Boring Log	Boring No. SB05

PROJECT: Bayside CPJE (United Auto Mall 211-02 Northern Blvd.)					Sheet 1 of 3
CLIENT: Chrysler Realty					Job No. 101654.10005
DRILLING CONTRACTOR: Aquifer Drilling & Testing, Inc.					Meas. Pt. Elev.: 68.25'
PURPOSE: Environmental Monitoring					Ground Elev.: 68.55'
DRILLING METHOD: Hollow Stem Auger		SAMPLE	CORE	CASING	Datum: See *
DRILL RIG TYPE: Davey Drill DK50RA	TYPE	SS	–	HSA	Date Started: 9/23/97
GROUNDWATER DEPTH: 29.75'	DIAM.	2" O..D.	–	3 1/4"/ 4 1/4" I.D.	Date Finished: 9/24/97
MEAS. PT.: Below Ground Surface	WEIGHT	140#			Driller: Tony Gembara
DATE OF MEAS.: 10/30/97	FALL	3			Inspector: Mark Williams

Depth (Feet)	Sample Number	Blow Count	Unified Classif-ication	GRAPHIC LOG	GEOLOGIC DESCRIPTION	REMARKS
0						* Benchmark of 70.00 established @ southeast corner of building @ 211-02 Northern Boulevard Site.
1						
2						
3						
4						
5						
6	S-1	6, 10, 9, 8	SP-SM		Br cmf(+) S s(-), $, l(-) mf G; rded; occ to freq rk frag; med dense (SP-SM).	Rec = 1.2' VOV H.S. = 0.8 ppm Dry
7						
8						
9						
10						
11	S-2	4, 5, 5, 5	SP-SM		Br cmf(+) S a(+), Cy$, l mf G; freq rk frag; med dense (SP-SM).	Rec = 0.6' VOV H.S. = 1.2 ppm Wet to Moist
12						
13						
14						
15						
16	S-3	6, 8, 8, 7	SP-SM		Same to 16.75'; 16.75-17'+ Br-LtBr cmf(+) S tr, $, tr f G; G is rded-sbrded; med dense; no odr; no stning (SP-SM).	Rec = 1.45' VOV H.S. = 0.8 ppm Wet
17						
18						
19						
20					(STRATIFIED DRIFT)	

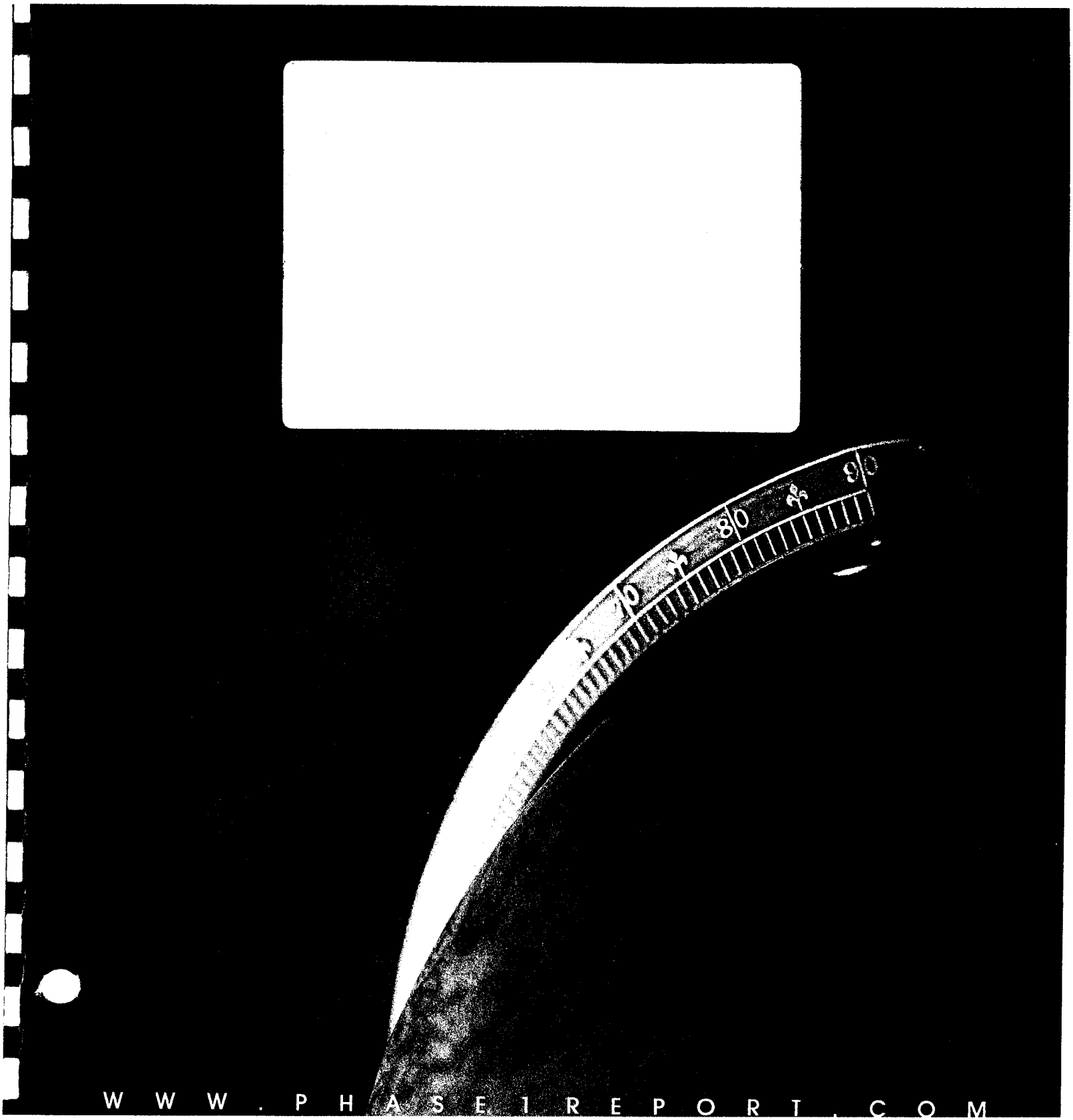
RUST E&I Albany, NY (518) 458-1313	Test Boring Log	Boring No. SB05
PROJECT: Bayside CPJE (United Auto Mall, 211-02 Northern Blvd.)		Sheet 2 of 3
CLIENT: Chrysler Realty		Job No. 101654.10005

Depth (Feet)	Sample Number	Blow Counts	Unified Classif-ication	Visual Log Description	Geologic Description	Remarks
20		6				
21	S-4**	8 100/0'			21.1'	Rec = 0.55' VOV H.S. = 1.8 ppm Wet
22						
23						
24						
25						
26	S-5				CBL/BLDR ZONE	Rec = NR
27						
28					28.3'	
29						
30						
31	S-6	12 17 15	SP-SM		GrBr mf S l, Cy$, tr(-) f G; mica flakes observed; cbl ntd @ base of spoon; med dense-dense; no odr; no stning (SP-SM).	Rec = 0.25' VOV H.S. = 0.6 ppm Moist to Dry
32		10				
33						
34						
35						
36	S-7	8 9 9	SP-SM		Br mf S tr, $, tr f G; occ rk frag (Qtz/Hematite); no odr; no stning; bottom of spoon contained clean, well-sorted GyS; med dense (SP-SM).	Rec = 1.25' VOV H.S. = 1.8 ppm Dry
37		13				
38						
39						
40						
41	S-8**	6 6 8	SP-SM		Same (SP-SM).	Rec = 1.3' VOV H.S. = 0.8 ppm Wet
42		20				
43						
44						
45						
46	S-9	2 2 2	ML-SM		Br $ l(-), cmf S, l mf G to 46'; firm; 46-47'+; Br-LtBr mf G s(-), cm(+)f S; firm; no odr; no stning (ML-SM).	Rec = 1.8' VOV H.S. = 0.3 ppm Wet
47		2				
48						
49						
50					(STRATIFIED DRIFT)	

RUST E&I Albany, NY (518) 458-1313	Test Boring Log	Boring No. SB05
PROJECT: Bayside CPJE (United Auto Mall, 211-02 Northern Blvd.)		Sheet 3 of 3
CLIENT: Chrysler Realty		Job No. 101654.10005

Depth (Feet)	Sample Number	Blow Counts	Unified Classif-ication	Visual Log Description	Geologic Description	Remarks
50 51 52	S-10	2 2 2 4	SP-SM		Br-LtBr cmf S s, mf G; firm; no odr; no stning (SP-SM). (STRATIFIED DRIFT) 52.0'	Rec = 1.8' VOV H.S. = 0.2 ppm Wet
					Terminated Boring @ 52.0' BGS	** Sample submitted to Adirondack (Albany, NY) for laboratory analysis: VOCs - Method 8021 SVOCs - Method 8270

JMK ENVIRONMENTAL SOLUTIONS INC. jmK



WWW.PHASE1REPORT.COM

PHASE I
ENVIRONMENTAL SITE ASSESSMENT

PROJECT JMK-SI-20287

211-08 Northern Blvd
Bayside, NY 11361

PREPARED FOR

Woori America Bank
43-22 50th Street
Woodside, NY 11377

April 7, 2006

JMK
ENVIRONMENTAL SOLUTIONS INC.
REAL ESTATE VALUATION & CONSULTING
www.phase1report.com

1030 N Maclay Avenue, San Fernando CA 91340 TEL 800.900.1511 FAX 818.979.0020
Real Estate Valuation & Consulting · Environmental Engineering, Assessment & Consulting Services

JMK
ENVIRONMENTAL SOLUTIONS INC.
REAL ESTATE VALUATION & CONSULTING

1030 N Maclay Avenue, San Fernando CA 91340 TEL 800.900.1511 FAX 818.979.0020

April 7, 2006

Hong J. Ahn
Woori America Bank
43-22 50th Street
Woodside, NY 11377

Tel: 718-429-1900 ext. 203
Fax: 718-429-2087

This report contains the procedures, findings, conclusions, and limitations of the Phase I Environmental Site Assessment performed at the subject property. The purpose of this assessment is to provide an indication of the presence of potential environmental liabilities or concerns associated with the subject property by reporting the findings from a walk-through visual survey of the property and a search of records at appropriate agencies.

We appreciate the opportunity to serve you with our professional services in environmental assessment. Please contact us at (800)900-1511 or (818)979-0010, if you have further questions.

Sincerely,

Heather Conner, Environmental Assessor
JMK Environmental Solutions, Inc.

Mary Osborne, Project Manager
REA #02466

Registered Environmental Assessor
MARY OSBORNE
REA1-02466
Expires: 6/30/06
STATE OF CALIFORNIA

EXECUTIVE SUMMARY

Conclusions and Professional Opinion

JMK Project Number	SI-20287
Subject Property Address	211-08 Northern Boulevard, Bayside, New York 11361 (Formerly 211-02)
Site Location/Adjacent Streets	The subject site is located on the southeastern block of Northern Boulevard, a northeast-southwest trending street.
General Setting/Property Type/Year of Construction	Commercial Auto Sales Building 2002 (Chicago Title with the address of 211-02)
General Layout of Property	The subject property consists of a rectangular shaped parcel of land, oriented in a northwest-southeast direction from Northern Blvd. The site is currently occupied by an inactive auto sales store. Entrance to the building is from Northern Blvd.
Present Occupant/ Business Operation	Kia of Bayside (Currently Inactive)
Property Use and History	The subject property was reportedly built in 2002 (Chicago Title with the address of 211-02). According to available historical records, the property was historically occupied by a store/dwelling from the 1910s to 1950s, by various commercial businesses from the 1950s to 1970s, and by an auto sales & services building from the 1980s to 1990s. In 2002, the property was redeveloped and has been used as auto sales store since.
Adjacent Environmental Concerns	None observed
Conclusions & Professional Opinion	JMK has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-00. Any exceptions to, or deletions from, this practice are described in the Limitations section of this report. This assessment has revealed no evidence of recognized environmental conditions in connection to the subject property in accordance with ASTM E1527.00. No further action or subsurface investigation is recommended based on the current site condition and available public records due to minimal risk of contamination at the subject property.

TABLE OF CONTENTS

1 INTRODUCTION 3
- 1.1 Objective 3
- 1.2 Scope of Work 3

2 PROPERTY DESCRIPTION 4

3 PROPERTY RECONNAISSANCE 6
- 3.1 Methodology and Limiting Conditions 6
- 3.2 CERCLA Issues 6
- 3.3 Business Environmental Risk & Compliance Issues 7

4 HISTORICAL RECORDS SEARCH 8
- 4.1 Local Building Department Records 8
- 4.2 Historical Sanborn Fire Insurance Maps 8
- 4.3 Historical City Directory Abstract 9
- 4.4 Historical Aerial Photograph 10
- 4.5 Historical USGS 7.5 Topographical Map 10
- 4.6 Previous Investigations/Assessments 10
- 4.7 Review of Other Documents (Title, Appraisal, Profile, etc.) 10
- 4.8 Interview with Site Contact Person 10
- 4.9 Summary of Historical Property Use 10

5 STANDARD ENVIRONMENTAL RECORDS SEARCH 11
- 5.1 Federal Agency Records 11
- 5.2 State Agency Records 12
- 5.3 Local Sources 15

6 ADJOINING PROPERTIES 16
- 6.1 Current Adjoining Properties 16
- 6.2 Visual Reconnaissance of Adjoining Properties 16
- 6.3 Historical Use of Adjoining Properties 16

7 NON-CERCLA CONSIDERATIONS 17

8 SUMMARY OF FINDINGS 19
- 8.1 Property Reconnaissance 19
- 8.2 Standard Historical Source Inquiry 19
- 8.3 Government Records Inquiry 19
- 8.4 Adjoining Properties 19
- 8.5 Non-CERCLA Issues 19

9 CONCLUSIONS 20

10 PROFESSIONAL OPINION 21

11 GENERAL LIMITATIONS 22

12 ASSESSMENT LIMITATIONS 23

APPENDICES

APPENDIX A	FIGURES & PHOTOS
FIGURE 1	SITE LOCATION MAP
FIGURE 2	SITE PLOT PLAN
FIGURE 3	SITE PHOTOS
FIGURE 4	USGS 7.5 MINUTE TOPOGRAPHICAL MAPS
APPENDIX B	GOVERNMENT RECORDS SEARCH DATABASE
APPENDIX C	HISTORICAL CITY DIRECTORY RESEARCH
APPENDIX D	HISTORICAL SANBORN FIRE INSURANCE MAPS
APPENDIX E	HISTORICAL AERIAL PHOTOS
APPENDIX F	HAZARDOUS MATERIAL & ENVIRONMENTAL RECORDS
APPENDIX G	ENVIRONMENTAL QUESTIONNAIRE
APPENDIX H	OTHER RECORDS & PERTINENT DOCUMENTS
APPENDIX I	SBA ENVIRONMENTAL CERTIFICATION

THIS REPORT WAS PREPARED IN CONFORMANCE TO MEET OR EXCEED THE LIMITATIONS AS SET FORTH BY THE AMERICAN SOCIETY FOR TESTING & MATERIALS (ASTM) STANDARD PRACTICE E 1527-00. IT IS FOR THE EXPRESS USE OF THE CLIENT, AND ITS CONTENTS ARE CONSIDERED TO BE PREVILEGED AND CONFIDENTIAL. ACCEPTANCE OF THIS REPORT CONSTITUTES AN AGREEMENT BY THE CLIENT TO ASSUME FULL LIABILITY FOR INFORMATION CONTAINED HEREIN. THIS REPORT IS FOR THE SOLE USE AND INTERPRETATION OF THE CLIENT, AND IT IS NOT TO BE REPRODUCED OR DISTRIBUTED TO OUTSIDE PARTIES. THE INFORMATION IN THIS REPORT IS FURNISHED IN GOOD FAITH AND WAS OBTAINED FROM PUBLIC & PRIVATE SOURCES AND DATABASE CONSIDERED RELIABLE. JMK MAKES NO REPRESENTATION OF WARRANTY REGARDING THE ACCURACY, OR RELIABILITY, QUALITY OR COMPLETENESS OF SUCH INFORMATION. IN NO EVENT, SHALL JMK BE LIABLE TO ANY PARTY FOR SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXAMPLARY DAMAGES. THE CUSTOMER SHALL ASSUME FULL LIABILITY FOR USE OF THIS REPORT.

1 INTRODUCTION

1.1 Objective

This report summarizes the results of a Phase I Environmental Site Assessment of the subject property, performed by JMK Environmental Solutions, Inc., (JMK) in accordance with JMK's proposal & contract, as authorized by the client, for whom this report is prepared. The purpose of this Environmental Site Assessment is to evaluate the potential for environmental concerns or liabilities due to past and/or current land use practices at the subject site or from nearby properties. This assessment included in this report is solely targeted for CERCLA (Superfund) liability and the "innocent landowner defense", to permit user to satisfy one of the requirements to qualify for the innocent landowner defense to CERCLA liability, by conducting all appropriate inquiries to identify recognized environmental conditions (RECs).

There is a possibility that even with proper application of these methodologies, there may exist on the subject property conditions that could not be identified within the scope of the assessment or which were not reasonably identifiable from the available information. JMK believes that the information obtained from the record review and the interviews concerning the site is reliable. However, JMK cannot and does not warrant or guarantee that the information provided by these sources is accurate or complete. The methodologies of this assessment are not intended to produce all inclusive or comprehensive results, but rather to provide the client with information regarding apparent suspicious of existing and potential adverse environmental conditions relating to the subject property.

1.2 Scope of Work

Visual investigation of the property to obtain information regarding obvious visual signs of adverse environmental conditions, contamination, hazardous material usage, storage and handling on and in the adjoining sites (only up to one parcel next to the subject property) of the subject property; and

- Visual survey of the adjoining land uses (only up to one parcel next to the subject property) and determination of any current nearby operations that may potentially impact the subject site
- Government document search of records compiled by various government agencies for on site or nearby operations (past and present) to aid in the identification of any potential contamination sources
- Review of reasonably available historical information such as Sanborn Fire Insurance maps, aerial photographs, historical city directory lists and topographic maps, if available, to identify any potential past on-site operation which may have environmental implications

JMK

117 Kinderkamack Road, Suite 105, River Edge, NJ 07661 • (201) 525-0224 • FAX (201) 525-0229 • www.phase1report.com

2 PROPERTY DESCRIPTION

JMK Project Number	SI-20287
Subject Property Address	211-08 Northern Boulevard, Bayside, New York 11361 (Formerly 211-02)
Site Inspection Date	February 16, 2006
Inspector's Name	Steve Oak, Environmental Assessor
QA/QC Reviewer's Name	Mary Osborne, CA Registered Environmental Assessor #02466

2.1 General Description

Site Location/Adjacent Streets	The subject site is located on the southeastern block of Northern Boulevard, a northeast-southwest trending street.
General Setting	Commercial
Zoning	R6B
Property Type	Auto Sales Building
Legal Description	7313-5
Year of Construction	2002 (Chicago Title with the address of 211-02)
General Layout of Property	The subject property is a rectangular shaped parcel of land, which is oriented in a northwest-southeast direction from Northern Blvd. The property is currently occupied by an inactive auto sales store. Entrance to the building is from Northern Blvd.
Access to Property	From Northern Boulevard
Percent Coverage by Building	Approximately 36%
Number of Occupants/Units	1 unit
Present Occupant/ Business Operation	Kia of Bayside (Currently Inactive)
Other Improvements & Features	None observed
Description of Unimproved Areas	None observed

2.2 Exterior Description

Lot Size & Shape	10,000 SF/Rectangular
Number of Buildings	1
Building Size & Shape	3,640 SF /Rectangular
Number of Stories	1
Foundation	Concrete
Frames/Exterior Walls	Cement block
Roof	Not inspected

JMK

117 Kinderkamack Road, Suite 105, River Edge, NJ 07661 • (201) 525-0224 • FAX (201) 525-0229 • www.phase1report.com

2.3 Interior Description

Floor Structure	Concrete
Basement	No
Interior Walls	Drywall
Interior Floor Coverings	Tile
Interior Ceilings	Suspended drop tile 2'x2'
Interior Layout Description	The subject building consists of a show room, office and storage rooms.
HVAC	None observed

2.4 Utilities

Source of Potable Water	Municipality
Sewage Disposal System	Municipality
Solid Waste Disposal	Municipality
Source of Fuel for Heating/Cooling	Con Edison provides electricity to the subject property and no fuel-powered heating system was observed.

2.5 Physical Setting

The subject property's physical location was researched employing a United States Geological Survey (USGS) 7.5 Minute Topographic Quadrangle (Quad) Map relevant to the subject property. The USGS 7.5 Minute Quad Map has an approximate scale of 1 inch to 2,000 feet, and shows physical features with environmental significance such as wetlands, water bodies, roadways, mines, and buildings. The physical and natural features illustrated on the Quad Map served as areas of visual emphasis when conducting the site inspection of the subject property. The USGS 7.5 Minute Quad Map was used as the only Standard Physical Setting Source, and is sufficient as a single reference. USGS Topography Map is adopted from the USGS 7.5 Minute Quad Map. The Quad Map shows no physical features that may have environmentally impacted the subject property. No mines or aboveground tanks were mapped in the neighboring area of the subject property. The nearest Federal Wetland is located approximately ½ mile to the southeast of the subject site. The nearest well is located approximately 1/8 mile to the northeast. Site elevation is approximately 65 feet above mean sea level with a gradual down-slope toward the south.

While groundwater flow direction at the subject property cannot be confirmed without survey measurement of static groundwater level at triangular points, it is expected to flow in the direction of surface topographical contour, or toward the wetland or nearest water body or discharge basin (percolation channel). It is important to note that groundwater flow direction can be influenced locally and regionally by the present of local wetland features, surface topography, recharge and discharge areas, horizontal and vertical inconsistencies in the types and location of subsurface soils, and proximity to water pumping wells.

JMK

117 Kinderkamack Road, Suite 105, River Edge, NJ 07661 • (201) 525-0224 • FAX (201) 525-0229 • www.phase1report.com

3 PROPERTY RECONNAISSANCE

3.1 Methodology and Limiting Conditions

The site reconnaissance consisted of a walk through of the property, visually observing the structures, storage areas, and parking lots. No inspection was conducted under floors, above ceilings, or behind walls.

3.2 CERCLA Issues

Site Reconnaissance Check List per Present Visual Indication	Visually/Physically Observed
Underground Storage Tank (UST) or Associated Fueling System	None observed
Aboveground Storage Tank (AST) or Associated Fueling Operation	None observed
Fuel Islands or Dispensers	None observed
Hydraulic Equipment	None observed
Containers of Hazardous Material & Petroleum Products (petrochemical products, automotive fluids, oily wastes, paint, thinners, enamel, solvents, discarded batteries, or metals, PCBs, plating or degreasing chemicals, other seemingly toxic hazardous materials)	Observed
Other containers of suspicious hazardous materials in drums, barrels, or other storage or Unlabeled/unidentified containers on site	Observed
Hazardous Waste Treatment, Storage, Disposal Facility (TSDF)	None observed
Stressed Vegetation	None observed
Stockpiled Soils with visual contamination	None observed
Wastewater Treatment Units & Clarifiers (Sampling Box, Size, Partitions)	None observed
Any regulated surface wastewater discharges	None observed
Drains for Machinery/Equipment Cleaning or Flushing	None observed
Visual evidence of improper handling/disposal or solid wastes	None observed
Wells (any irrigation wells, injection wells, abandoned wells, groundwater-monitoring wells, dry wells, septic wells, oil wells, gas wells, domestic water wells, or other-monitoring wells)	None observed
Underground Pipelines other than public utility lines	None observed
Railroad tracks or spurs	None observed
Heater, boilers, compressors, HVAC systems using UST fuel or petroleum product stored in tank as primary fuel source other than natural gas or electricity	None observed
Visual evidence of spills, leakage, staining, soil/groundwater contamination	None observed
Evidence of surface impoundments or holding ponds on site	None observed
Any stained catch basins, drip pads, or sumps	None observed

JMK

117 Kinderkamack Road, Suite 105, River Edge, NJ 07661 • (201) 525-0224 • FAX (201) 525-0229 • www.phase1report.com

Site Reconnaissance Check List per Present Visual Indication	Visually/Physically Observed
Soil staining or surface staining on unpaved land, or seeps, leachates	None observed
Any type of heavy equipment or machinery of environmental concern on site	None observed
Visual indication of Herbicides & Pesticides use to pose environmental concern	None observed
Visual evidence of leak or contamination from Septic Tank or Cesspool	None observed
Dry-cleaning or equipment solvent washing / metal plating	None observed
Source of potable water, sewage, solid waste, heating/cooling posing environmental concern	None observed
Storm water or surface-water drainage system having any abnormal accumulation of petroleum or chemical run-off or foreign materials, any unusual blockage of the storm-water control system	None observed

At the time of the inspection, JMK observed two (2) waste motor oil containers and one (1) unlabeled 5-gallon metal container in the storage room. The parking lot and sidewalk of the subject property were partially covered by snow.

3.3 Business Environmental Risk & Compliance Issues

Business Environmental Risk is defined as a risk, which can have material environmental impact, or environmentally driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to the issues requiring investigation. Activity and Use Restriction arising from Business Environmental Risk or Compliance Violation is defined as restrictions on the use of, or access to, a site/facility to (1) reduce or eliminate exposure to hazardous substance onsite, or (2) prevent activities that could interfere with a response action either as Engineering Controls or Institutional Controls.

JMK did not conduct a compliance evaluation or review business environmental risks during this assessment per the agreed to scope of work.

JMK

117 Kinderkamack Road, Suite 105, River Edge, NJ 07661 • (201) 525-0224 • FAX (201) 525-0229 • www.phase1report.com

4 HISTORICAL RECORDS SEARCH

Standard Historical Records Search in conformance with the scope and limitations of ASTM Standard Practice E 1527-00 was conducted for the property. JMK reviewed standard historical sources to identify the property use from 1940 or back to the property's obvious first use, whichever is earlier.

JMK obtained reasonably ascertainable historical data and conducted interviews with individuals knowledgeable about previous site usage, as summarized below.

Standard Historical Records	Yes	No
Local Building Department or Profile/Title Information	X	
Local Fire/Hazmat Department (See section 5.3)	X	
Historical Sanborn Fire Insurance Maps (if no coverage is searched, then "Yes")	X	
Historical Aerial Photograph	X	
Historical City Directory Abstract	X	
Historical USGS 7.5 Topographical Map	X	
Previous Investigations/Assessments		X
Review of Other Documents (Title, Appraisal, Profile, etc.)	X	
Interview with Site Contact Person		X

4.1 Local Building Department Records

A request for records pertaining to use and handling of hazardous materials and underground storage tanks on the subject property was filed from Queens Building Department. No records were identified for the subject site. Likewise, no building permits were available for the subject site address. (For both addresses of 211-08 and 211-02)

4.2 Historical Sanborn Fire Insurance Maps

Reference Source: Environmental Data Resources, Inc.

Date	Description
1917	Subject property is depicted occupied by a store and two dwellings with a barn. The adjacent properties were depicted as vacant lots. The Sanborn map does not cover adjacent properties beyond 211th St to the southwest.
1934	Subject property is depicted occupied by a store with an auto storage. The adjacent properties were depicted as a store and vacant lots. The Sanborn map does not cover adjacent properties beyond 211th St. to the southwest.
1951	Subject property is depicted occupied by a dwelling and a store with an auto storage. The adjacent properties were depicted as a store, College Point Savings Bank, and a vacant lot. The Sanborn map does not cover adjacent properties beyond 211th St. to the southwest. Subject property is depicted occupied by a commercial building (auto sales & services). The

JMK

117 Kinderkamack Road, Suite 105, River Edge, NJ 07661 • (201) 525-0224 • FAX (201) 525-0229 • www.phase1report.com

1980, 1982, 1985	adjacent properties were depicted as a church, mixed-use building, and College Point Savings Bank. The Sanborn map does not cover adjacent properties beyond 211th St. to the southwest.
1988, 1991	Subject property is depicted occupied by a commercial building (auto sales & services). The adjacent properties were depicted as a church, mixed-use building, and savings bank. The Sanborn map does not cover adjacent properties beyond 211th St. to the southwest.
1992-1995	Subject property is depicted occupied by a commercial building (auto sales & services). The adjacent properties were depicted as a church, commercial building, and savings bank. The Sanborn map does not cover adjacent properties beyond 211th St. to the southwest.

4.3 Historical City Directory Abstract

Reference Source: Environmental Data Resources, Inc.

1922-2000 multi-library searches showed the following businesses listed as subject address.

Address not Listed in Research Source (211-08)	1922-2000
Sims Virginia (211-02)	1939
Harbecke Gerhard (211-02) Harco Handicraft Supls (211-02)	1950
Bayside Oil Burner Svce (211-02) Bayside Telvsn Svce (211-02) Deemer Steel Castg Co (211-02) Deemer Stee Casg Co (211-02) Eastern Instrumentation Inc (211-02) Kaye Washing Mach Repr Svce (211-02) Norbell Sales Co Mfg Rep (211-02) Riker Tv (211-02) Vigilant Tel Secretarial Svce (211-02)	1962
Abs Truckg Inc (211-02) All Town Const Corp (211-02) Du all washer Svce (211-02) Glicken Robt Physthrpst (211-02) Norbell Sales Co Mfg Rep (211-02) Realtime Programming Inc (211-02) Vigilant Tel Secretarial Svce (211-02) Wellmang (211-02)	1967
Blocker Curtis (211-02)	1970
Boulevard A M C Inc (211-02) Svc & Parts Dept (211-02)	1976

JMK

117 Kinderkamack Road, Suite 105, River Edge, NJ 07661 • (201) 525-0224 • FAX (201) 525-0229 • www.phase1report.com

Sve & Parts Cept (211-02)	1983
Bayside Chrysler (211-02) Eastern Motor Sls (211-02)	2000

4.4 Historical Aerial Photograph

The subject property was depicted with a rectangular-shaped building structure in a USGS Aerial Photograph dated 1994, and in historical aerial photos obtained from Environmental Data Resources, Inc. for the years of 1954, 1966, 1975, 1984 and 1994.

4.5 Historical USGS 7.5 Topographical Map

No features of environmental concern were identified on the subject site in the 1992 U.S. Geological Survey topographical map.

4.6 Previous Investigations/Assessments

No previous assessment report was available at the time of this assessment.

4.7 Review of Other Documents (Title, Appraisal, Profile, etc.)

The Chicago Title Property Profile (with the address of 211-02) identifies use code of the subject site as Vehicle Rentals, Vehicle Sales (auto/truck/RV/boat/etc). The primary owner of the subject property is listed as Christina Anthony Rea, with 2 units.

A property profile report was obtained for the subject site from FAST Web, for the property address 211-02 Northern Boulevard, Flushing, New York 11361. The report identifies Christina Anthony Realty Association as the current property owner. APN is listed as 07313-00005, Lot 5, and the property zoning is listed as "R6B". The lot is described as 0.2296 acre, used as a "garage". The single-story, onsite building structure was constructed in 2002 and is approximately 3,640 SF in size. According to the property profile report, the last recorded date of property transfer was October 30, 1997, from Chrysler Realty Corp to the existing owner.

4.8 Interview with Site Contact Person

No one with historical or current knowledge of the subject property could be reached for an interview during the course of this assessment.

4.9 Summary of Historical Property Use

The subject property was reportedly built in 2002 (Chicago Title with the address of 211-02). According to available historical records, the property was historically occupied by a store/dwelling from the 1910s to 1950s, by various commercial businesses from the 1950s to 1970s, and by an auto sales and services building from the 1980s to 1990s. In 2002, the property was redeveloped and has been used as auto sales store since.

JMK

117 Kinderkamack Road, Suite 105, River Edge, NJ 07661 • (201) 525-0224 • FAX (201) 525-0229 • www.phase1report.com

5 STANDARD ENVIRONMENTAL RECORDS SEARCH

The EDR Radius Map Report provided by Environmental Data Resources, Inc., was reviewed in conformance with the scope and limitations of ASTM Standard Practice E 1527-00 to assess evidence of Recognized Environmental Conditions (REC) with the property.

5.1 Federal Agency Records

Source List	Minimum Search Distance (miles)	Yes	No
Federal NPL Site List	1.0		X
Federal CERCLIS LIST	0.5		X
Federal CERCLIS NFRAP Site List	Property and adjoining properties		X
Federal RCRA CORRACTS Facilities List	1.0		X
Federal RCRA non-CORRACTS TSD Facilities List	1.0		X
Federal RCRA Generators List	Property and adjoining properties	X	
Federal ERNS List	Property only		X
Other Federal List	Property only		X

Resource Conservation and Recovery Act Information (RCRA): 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. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). 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. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

The search radius for RCRA list is the site and adjacent properties. The subject property is listed on the RCRA-SQG as Bayside Chrysler Plymouth at 211-02 Northern Boulevard, with no listed generator related violations.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
BAYSIDE CHRYSLER PLYMOUTH	*211-02 NORTHERN BLVD*	*0 - 1/8 W*	*A1*	*6*

No RCRA sites were identified on the EDR report as being adjacent to the subject site.

JMK

117 Kinderkamack Road, Suite 105, River Edge, NJ 07661 • (201) 525-0224 • FAX (201) 525-0229 • www.phase1report.com

5.2 State Agency Records

Source List	Minimum Search Distance (miles)	Yes	No
State SHWS	1.0		X
State Solid Waste Facility/Landfill (SWF/LF)	0.5		X
State Leaking UST Lists (LUST) or LTANKS	0.5	X	
State Registered UST Lists	Property and adjoining properties	X	
State Voluntary Clean Up (VCP)	0.5		
Other State Lists	Property only		

Leaking Storage Tank Incident Reports (LTANKS): 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, and tank failures or tank overfills.

The search radius for the LTANKS list is ½ mile. The source is from Department of Environmental Conservation Spills Information Database. The subject property is not listed on the LTANKS list. There are 31 LTANKS sites within ½ mile of the subject property.

JMK

117 Kinderkamack Road, Suite 105, River Edge, NJ 07661 • (201) 525-0224 • FAX (201) 525-0229 • www.phase1report.com

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
BAYSIDE CHRSYLER PLYMOUTH Date Closed: 07/29/03	*212-19 NORTHERN BLVD*	*0 - 1/8 ENE*	*B4*	*10*
213-02 NORTHERN BLVD Date Closed: / /	*213002 NORTHERN BLVD*	*0 - 1/8 ENE*	*C11*	*24*
214-20 43RD AVE/NY TEL Date Closed: 11/28/95	*2140020 43RD AVE*	*1/8 - 1/4 ENE*	*E23*	*54*
43-18 CORPORAL KENNEDY ST Date Closed: / /	*43-18 CORPORAL KENNEDY*	*1/8 - 1/4 WNW*	*33*	*64*
214-20 43RD AVE/NYTEL Date Closed: 11/28/95	*214020 43RD AVE*	*1/8 - 1/4 NE*	*I34*	*66*
BELL ATLANTIC Date Closed: 04/29/98	*214-20 43TH AVE*	*1/8 - 1/4 NE*	*K37*	*69*
N.Y. TELEPHONE Date Closed: 11/28/95	*43RD. AVENUE*	*1/8 - 1/4 NE*	*K43*	*90*
41-22 BELL BLVD/BARCLAY Date Closed: 03/05/03	*41022 BELL BLVD*	*1/8 - 1/4 N*	*53*	*100*
214-41 42ND AVE BAYSIDE Date Closed: 08/06/96 Date Closed: 05/02/00	*214-41 42ND AVE BAYSIDE*	*1/4 - 1/2 NNE*	*60*	*107*
209-01 42ND AVENUE Date Closed: 09/30/92	*209-01 42ND AVENUE*	*1/4 - 1/2 WNW*	*61*	*111*
VERIZON GARAGE Date Closed: / /	215-01 42ND AVE	1/4 - 1/2 NE	P62	114
VERIZON WORK CENTER Date Closed: 12/13/02	215-01 42ND AV	1/4 - 1/2 NE	P63	115
209-10 41ST STREET Date Closed: 08/24/94	*209-10 41ST STREET*	*1/4 - 1/2 NW*	*64*	*116*
RESIDENT-APARTMENT Date Closed: 02/18/99	*3928 212 TH STREET*	*1/4 - 1/2 NNW*	*65*	*119*
40-26 215TH ST Date Closed: 10/14/94	*40-26 215TH STREET*	*1/4 - 1/2 NNE*	*66*	*121*
JEWISH CENTER OF BAYSIDE Date Closed: / /	48-08 212TH ST	1/4 - 1/2 SSE	68	126
48-43 211TH ST. Date Closed: 05/24/93	*48-43 211TH ST*	*1/4 - 1/2 SSE*	*70*	*129*
39-09 214TH ST Date Closed: 10/02/92	*39-09 214TH ST*	*1/4 - 1/2 N*	*72*	*145*
218-03 43RD AVE Date Closed: 11/18/91	*218-03 43RD AVE*	*1/4 - 1/2 ENE*	*73*	*147*

JMK

117 Kinderkamack Road, Suite 105, River Edge, NJ 07661 • (201) 525-0224 • FAX (201) 525-0229 • www.phase1report.com

BAYSIDE YARD Date Closed: 11/07/05	40TH/216 STREET	1/4 - 1/2 NNE	74	149
38-36 CORPORAL KENNEDY Date Closed: 11/25/91	*38-36 CORPORAL KENNEDY*	*1/4 - 1/2 NW*	*75*	*151*
GASETERIA Date Closed: 01/26/96	*219-11 NORTHERN BLVD*	*1/4 - 1/2 ENE*	*76*	*153*
211-16 50TH AVE Date Closed: 08/17/94	*211-16 50TH AVE*	*1/4 - 1/2 SSE*	*77*	*158*
42-12 204TH STREET Date Closed: 08/17/95	*42-12 204TH STREET*	*1/4 - 1/2 W*	*78*	*160*
42-19 219TH STREET Date Closed: 12/22/03	*42019 219TH STREET*	*1/4 - 1/2 ENE*	*79*	*162*
DEEN RESIDENCE Date Closed: 02/25/03	*3802 214TH PLACE*	*1/4 - 1/2 N*	*81*	*167*

Lower Elevation	Address	Dist / Dir	Map ID	Page
209-01 NORTHERN BLVD Date Closed: 11/22/96	*209001 NORTHERN BLVD*	*1/8 - 1/4 WSW*	*H30*	*60*
NORTHERN BLV&CLEARVIEW EX Date Closed: / /	*NORTHERN BLV / CLEARVIE*	*1/4 - 1/2 WSW*	*Q67*	*123*
205-04 NORTHERN BLV/QUNS Date Closed: 09/19/03	*205004 NORTHERN BLVD*	*1/4 - 1/2 WSW*	*Q69*	*127*
BP AMOCO SERVICE STATION #5084 Date Closed: / /	*218-01 NORTHERN BOULEVA*	*1/4 - 1/2 ENE*	*71*	*132*
4724 - 204TH STREET Date Closed: 06/25/93	*4724 - 204TH STREET*	*1/4 - 1/2 SSW*	*80*	*164*

The property at 211-19 Northern Blvd. is located approximately 140 feet northeast of the subject property in an up gradient direction. The case, involving tank test failure, was closed on 07/29/2003. The subsurface environment at the subject site has a low potential to have been impacted by operations of this site due to case status.

The property at 213-02 Northern Blvd. is approximately 364 feet northeast of the subject property in an up gradient direction. The case involved tank failure. The subsurface environment at the subject site has a low potential to have been impacted by operations of this site due to its relative distance from the subject property.

The subsurface environment at the subject site is not likely to have been impacted by operations of the remaining LTANKS facilities due to relative distance from the subject property, hydraulic positioning, and/or regulatory status.

Other State List:

The subject property is listed on the New York Spills list with a case closure date of 04/20/99. DEC remarks state that the "source areas removed. Additional investigations did not reveal any impact to groundwater. No further action required letter generated and sent".

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
BAYSIDE CHRYSLER-PLYMOUTH Date Closed: 04/20/99	*211-02 NORTHERN BLVD*	*0 - 1/8 W*	*A2*	*6*

JMK

117 Kinderkamack Road, Suite 105, River Edge, NJ 07661 • (201) 525-0224 • FAX (201) 525-0229 • www.phase1report.com

The subject property is on the New York Historical Spills list. DEC remarks state that the "source areas removed. Additional investigations did not reveal any impact to groundwater. No further action required letter generated and sent".

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
BAYSIDE CHRYSLER-PLYMOUTH	*211-02 NORTHERN BLVD*	*0 - 1/8 W*	*A2*	*6*

5.3 Local Sources

JMK requested public records pertaining to use and handling of hazardous materials and underground storage tanks on the subject property from NYC Fire Department. No records were identified for the subject site. (For the address of 211-08)

JMK requested public records pertaining to use and handling of hazardous materials and underground storage tanks on the subject property from NYC Fire Department. At the time of this investigation a response was not provided. Once a response is received, any significant information will be forwarded in an addendum. (For the address of 211-02)

JMK requested public records pertaining to use and handling of hazardous materials and underground storage tanks at the subject property from NYS DEC. No records were identified for the subject site. (For the address of 211-08)

JMK requested public records pertaining to use and handling of hazardous materials and underground storage tanks at the subject property from NYS DEC. At the time of this investigation a response was not provided. Once a response is received, any significant information will be forwarded in an addendum. (For the address of 211-02)

JMK

117 Kinderkamack Road, Suite 105, River Edge, NJ 07661 • (201) 525-0224 • FAX (201) 525-0229 • www.phase1report.com

6 ADJOINING PROPERTIES

For the scope of this assessment, properties are defined and categorized based upon their physical proximity to the subject property. An adjoining property is any real estate property whose border is contiguous or partially contiguous with the subject properties, or that would be if the properties were not separated by a roadway, street, public thoroughfare, river, or stream. The following identifies specific adjacent property tenants and/or use:

6.1 Current Adjoining Properties

Direction	Description
Northeast	Multiple-tenant Building - Convenience Store, Sprint & Blimpie (211-12)
Northwest	Multiple-tenant Building – Premier Health Care, National Institute for People with Disabilities & Vacant Unit (211-11)
Southeast	Kingdom Hall of Jehovah's Witnesses (211-05)
Southwest	Restaurant (210-20 & 210-22)

6.2 Visual Reconnaissance of Adjoining Properties

JMK performed a Visual Reconnaissance of the Adjoining Properties in conformance with the scope and limitations of ASTM Standard Practice E 1527-00, and found no visible evidence of recognized environmental conditions in connection with the Adjoining Properties that would lead to contamination of the property.

6.3 Historical Use of Adjoining Properties

JMK performed a Standard Historical Use of the Adjoining Properties in conformance with the scope and limitations of ASTM Standard Practice E 1527-00, and found no evidence of recognized environmental conditions in connection with the Adjoining Properties that would lead to contamination of the property.

JMK

117 Kinderkamack Road, Suite 105, River Edge, NJ 07661 • (201) 525-0224 • FAX (201) 525-0229 • www.phase1report.com

7 NON-CERCLA CONSIDERATIONS

7.1 Asbestos-Containing Materials (ACMs)

The subject building was constructed in 2002. The Federal government banned asbestos for commercial use in 1978. Building components that may contain asbestos include floor tile, carpet mastic, vinyl floor sheeting, drywall joint compound, stucco material, acoustic ceiling material, acoustic ceiling panels, window putty or glazing, roofing material, and pipe insulation. Thus, if the building is built prior to 1978, suspect asbestos-containing materials (ACMs) are potentially present in these materials.

Unless specifically contracted by the client, JMK did not perform an asbestos survey at the subject site.

7.2 Presence and Condition of Suspect Lead-Based Paint (LBP)

The subject building was constructed in 2002. The Consumer Product Safety Commission banned the sale of lead-based paint (LBP), defined as containing more than 0.06% lead by weight, to consumers, and the use of LBP in residences and other areas where consumers have direct access to painted surfaces. Effective June 3, 1993, the Lead in Construction Standard codified in 29 CFR (Code of Federal Regulations) 1926.62 applies to sources or potential sources of lead exposure present in an "employment-related" context.

JMK was not contracted to perform the testing of lead-based paint at the subject site.

7.3 Lead in Domestic Water for Residential, Educational and Convalescent Facilities

JMK was not contracted to perform the testing of lead content in water provided to the subject property, thus the delineation of lead level is beyond the scope of the service included in this report.

7.4 Potential Impact of Radon Gas at the Subject Property

Radon sources may be naturally occurring from earth and rock beneath building structures, well water, and building materials themselves. The estimated national average for radon is 1.5 picocuries per liter of air, however, levels as high as 200 picocuries per liter in some commercial buildings can be found.

If a property region reportedly has radon concentration below 4 picocuries per liter of air in 99.5% of homes within the region, then, it is not likely impacted by the presence of radon gas, considering the EPA action limit of 4 picocuries per liter of air volume.

JMK was not contracted to perform the testing of radon level on the subject property, thus the delineation of radon level is beyond the scope of the service included in this report.

7.5 Utilities, Transformers, PCB Equipments

Prior to 1978, PCBs were commonly used in dielectric fluids in transformers, hydraulic compactors, capacitors, and light ballasts due to their desirable thermal characteristics. Due to their demonstrated toxicity and persistence in the environment, PCB manufacturing in the United States was discontinued.

By 1985, the US EPA required that commercial property owners with transformers containing more than 500 ppm

JMK

117 Kinderkamack Road, Suite 105, River Edge, NJ 07661 • (201) 525-0224 • FAX (201) 525-0229 • www.phase1report.com

PCBs must register the transformer with the local fire department, provide exterior labeling, and remove combustible materials within 5 meters (40 CFR 760.30). The US EPA has three different categories for PCB-containing transformers (non-PCB containing transformer, if less than 50 ppm PCB, PCB-contaminated transformer, if between 50 and 499 ppm of PCB, and PCB-transformer, if greater than 500 ppm of PCB).

JMK did not conduct a survey of light ballasts at the property. A separate survey of PCBs in existing light ballasts can only determine the content, unless such ballasts contained in the fluorescent light fixtures are labeled with "no PCB". Prior to construction or removal of existing light fixtures, a PCB-ballasts survey should be performed, and identified PCB-ballasts must be disposed of properly by incineration or recycled at authorized facilities.

No pole-mounted transformers were found in the vicinity of the subject building. No hydraulic trash compactor was observed. No electrical transformers used for high-voltage electric equipment were observed on site.

7.6 Potential Impact of Urea Formaldehyde

Formaldehyde, by itself, or in combination with other chemicals, may be found in a variety of manufactured products or uses (to add permanent press qualities to clothing and draperies, as a component of glues and adhesives, and as a preservative in some paints and coating products). In commercial buildings, formaldehyde may be present in pressed wood products constructed using adhesives that contain urea-formaldehyde (UF) resins, such as particleboard, hardwood plywood paneling, and medium density fiberboard.

Newly installed UF foam insulation often releases the gas-phase UF for six to twelve months. JMK was not contracted to perform the testing of formaldehyde level on the subject property, thus the delineation of its level is beyond the scope of the service included in this report.

7.7 Pits, Ponds, Lagoons

Wetlands identification of the property is not part of an ASTM 1527-00 Phase I. JMK was not contracted to perform the identification of wetlands on the subject property, thus the delineation of its level is beyond the scope of the service included in this report.

7.8 Mold (Fungi, Bacteria)

The presence of mold and mildew in residential and commercial buildings may be of interest to building owners, architects, engineers and contractors.

Mold assessment or sampling of the property is not part of an ASTM 1527-00 Phase I. JMK was not contracted to perform the identification of mold hazards on the subject property, thus the delineation of its level is beyond the scope of the service included in this report.

7.9 Flood Zone

JMK was not contracted to search flood maps to identify whether the subject property is located within 50-year, 100-year flood zone, within the scope of this environmental assessment.

8 SUMMARY OF FINDINGS

8.1 Property Reconnaissance

Property Reconnaissance in conformance with the scope and limitations of ASTM Standard Practice E 1527-00 was conducted on the subject property, and revealed no visible evidence of recognized environmental conditions in connection with the subject property as listed below:

At the time of the inspection, JMK observed two (2) waste motor oil containers and one (1) unlabeled 5-gallon metal container in the storage room. The parking lot and sidewalk of the subject property was partially covered by snow.

8.2 Standard Historical Source Inquiry

Standard Historical Source Inquiry, in conformance with the scope and limitations of ASTM Standard Practice E 1527-00 was conducted for the subject property, and revealed evidence of Historical Recognized Environmental Conditions on the subject property.

The subject property was reportedly built in 2002 (Chicago Title with the address of 211-02). According to available historical records, the property was historically occupied by a store/dwelling from the 1910s to 1950s, by various commercial businesses from the 1950s to 1970s, and by an auto sales & services building from the 1980s to 1990s. In 2002, the property was redeveloped and has been used as auto sales store since.

The property was listed as a New York State Spills site in government records, under the previous operation of Bayside Chrysler Plymouth at 211-02 Northern Boulevard.

8.3 Government Records Inquiry

Standard Government Records Inquiry in conformance with the scope and limitations of ASTM Standard Practice E 1527-00 was conducted for the subject property, and it is not likely that properties listed on the Federal/State/Local Governmental Records within the minimum search distance would lead to contamination of the subject property.

The subject property is listed on the following government agency databases: RCRA-SQG, Spills and Historical Spills. Please refer to Sections 5.1 and 5.2 for more information.

8.4 Adjoining Properties

Visual Reconnaissance and Past & Present use of adjoining properties in conformance with the scope and limitations of ASTM Standard Practice E 1527-00 was conducted on the Adjoining Properties, and revealed no evidence of recognized environmental conditions in connection with the Adjoining Properties that would lead to contamination of the subject property.

8.5 Non-CERCLA Issues

The subject building was constructed in 2002. There is a low potential that ACMs and LBP exist at the site.

9 CONCLUSIONS

JMK has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-00. Any exceptions to, or deletions from, this practice are described in the Limitations Section of this report. This assessment has revealed no evidence of recognized environmental conditions in connection to the subject property in accordance with ASTM E1527.00.

JMK

117 Kinderkamack Road, Suite 105, River Edge, NJ 07661 • (201) 525-0224 • FAX (201) 525-0229 • www.phase1report.com

10 PROFESSIONAL OPINION

No further action or subsurface investigation is recommended based on the current site condition and available public records due to minimal risk of contamination at the subject property.

JMK

117 Kinderkamack Road, Suite 105, River Edge, NJ 07661 • (201) 525-0224 • FAX (201) 525-0229 • www.phase1report.com

11 GENERAL LIMITATIONS

The opinions expressed herein is based on the information collected during our study, our present understanding of the site conditions and our professional judgment in light of such information at the time of preparation of this report. The report is a professional opinion work, and no warranty is either expressed, implied or made as to the conclusions, advice and recommendations offered in this report.

Our investigation was performed using the degree of care and skill ordinarily exercised, under similar circumstances, by reputable Engineers and Geologists practicing in this or similar localities. The findings, conclusions and recommendations in this report are considered valid as of the present date. However, changes in the conditions of the property can occur with the passage of time, due to natural process or the works of man on this or adjacent properties. In addition, changes in applicable or appropriate standard may occur. JMK is not responsible for conditions found at or beneath the subject property or adjacent properties. Accordingly, portions of this report may be invalidated wholly or partially by the changes beyond our control.

This report is prepared for the exclusive use of the client, and opinions/recommendations contained in this report apply only to conditions existing when services were performed, and are intended only for the client, purposes, locations, time frames, and project parameters indicated. This report was prepared in conformance to meet or exceed the scope and practice as set forth by the American society of Testing & Materials (ASTM) Standard Practice E-1527-00, and thus, unless otherwise agreed to by consultant and client within the definition of scope of service in contractual agreement, no tests were conducted, and no samples of air, water, soil or building material were taken, such exclusion may include Non-CERCLA Issues, i.e., visual inspection or sampling of asbestos, lead-based paint, lead in water, PCB materials, Urea Formaldehyde, Wetland identification, mold inspections, air quality inspections, flood zone applicability.

All records pertaining to this investigation and assessment obtained and referenced in this report are kept available at JMK's headquarter office during normal business hours.

"This report has been prepared by the staff of JMK Environmental Solutions, Inc. ("JMK") for the Client under the professional supervision of the principal and/or senior staff whose seal(s) and signatures appear hereon. Neither JMK, nor any staff member assigned to this investigation has any interest or contemplated interest, financial or otherwise, in the subject or surrounding properties, or in any entity which owns, leases, or occupies the subject or surrounding properties or which may be responsible for environmental issues identified during the course of this investigation, and has no personal bias with respect to the parties involved. The information contained in this report has received appropriate technical review and approval. The conclusions represent professional judgments and are founded upon the findings of the investigations identified in the report and the interpretation of such data based on our experience and expertise according to the existing standard of care. No other warranty or limitation exists, either express or implied. The investigation was prepared in accordance with the Client's Phase I Environmental Site Assessment scope of work for the use and benefit of the Client, it's successors, and assignees. It is based, in part, upon documents, writings, and information owned, possessed, or secured by the Client. Neither this report, nor any information contained herein shall be used or relied upon for any purpose by any other person or entity without the express written permission of the Client."

12 ASSESSMENT LIMITATIONS

Adjoining sites, neighboring sites or surrounding properties mentioned in this report, subject to assessment under ASTM 1527, are only up to one parcel next to the subject property of the subject property

Review of reasonably available historical information such as Sanborn Fire Insurance maps, aerial photographs, historical city directory lists and topographic maps, if available, to identify any potential past on-site operation which may have environmental implications

Recognized environmental conditions (RECs) subject to JMK's assessment and identification are limited to known or suspect contamination only in soil/groundwater

No sampling of physical/chemical material or laboratory analysis is included in the scope of services

Collection of reasonably ascertainable & available information and public records only, within reasonable amount of time

JMK's Phase I Environmental Assessment in this report is prepared in accordance with ASTM 1527, driven solely by CERCLA and may not include all environmental conditions which can materially impact the subject property

Though this report contains some contents not required by ASTM 1527, such extra investigation is provided as additional information irrelevant to Phase I Environmental Assessment. Such additional information of non-ASTM 1527 are merely extra contents, and cannot be used to bind this report as a whole to the compliance and conformance to ASTM guideline

It is often not possible (under "reasonably ascertainable" clause of ASTM guideline) to identify every single prior tenant or occupant in the past of the subject property. JMK cannot be liable for non-identification of all past tenants or occupants of the project site

To conform to ASTM 1527 identification of historical uses in the surrounding area (only up to one parcel next to the subject property per JMK's scope of work), JMK performs historical check via fire insurance maps, historical city directory, aerial photographs, and walk-through along the property premise to find obvious signs of environmental concerns of the adjoining properties, only up to one parcel next to the subject property, without visual investigation of said adjoining properties.

JMK

117 Kinderkamack Road, Suite 105, River Edge, NJ 07661 • (201) 525-0224 • FAX (201) 525-0229 • www.phase1report.com

APPENDIX A
FIGURES & PHOTOS

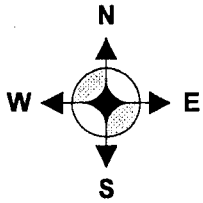
FIGURE 1
SITE LOCATION MAP

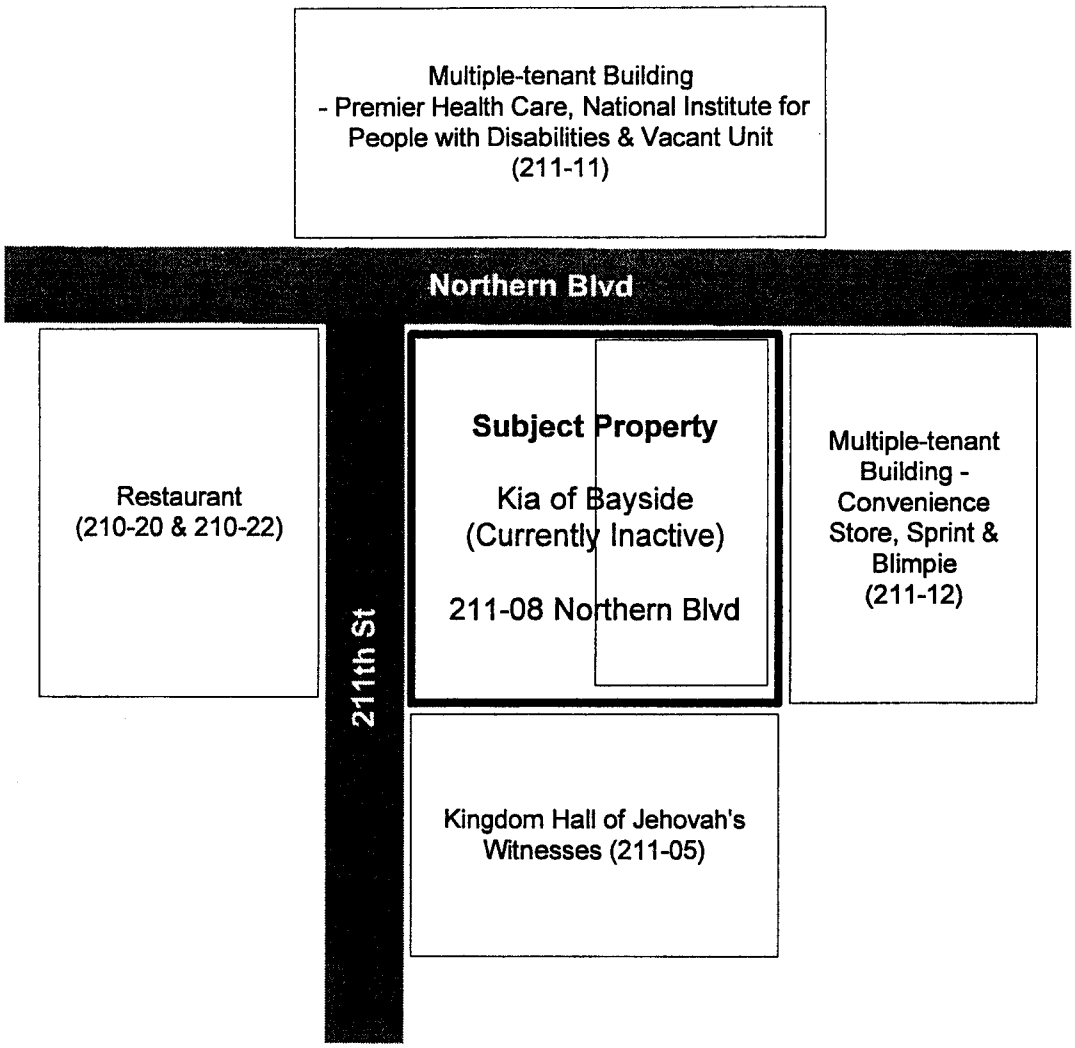
Figure 1- Site Location

Copyright © 1988-2004 Microsoft Corp. and/or its suppliers. All rights reserved. http://www.microsoft.com/streets/
© Copyright 2003 by Geographic Data Technology, Inc. All rights reserved. © 2004 NAVTEQ. All rights reserved. This data includes information taken with permission from Canadian authorities © Her Majesty the Queen in Right of Canada.

FIGURE 2
SITE PLOT PLAN

FIGURE 2
Site Plan





JMK **Environmental Solutions, Inc.** **Real Estate Valuation & Consulting** **117 Kinderkamack Road, Suite 105** **River Edge, NJ 07661** **(201) 525-0224, FAX (201) 525-0229** **www.phase1report.com**	**Phase I Environmental Site Assessment** **211-08 Northern Blvd, Bayside, NY 11361 (Formerly 211-02)** **Not to scale** Feb. 16, 2006 — **SI-20287**

FIGURE 3
SITE PHOTOS

Photo 1
Southeasterly view of subject property

Photo 2
Northeasterly view of subject property

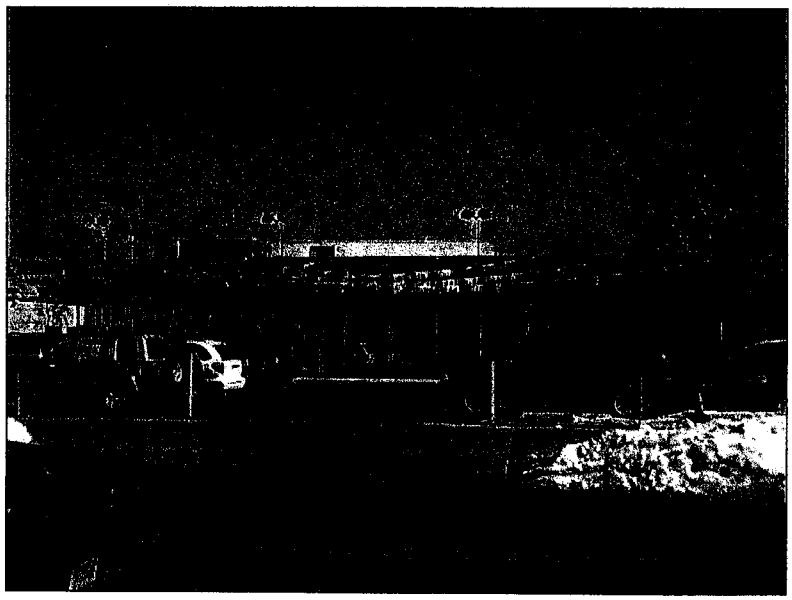


Photo 3
Interior view of subject property

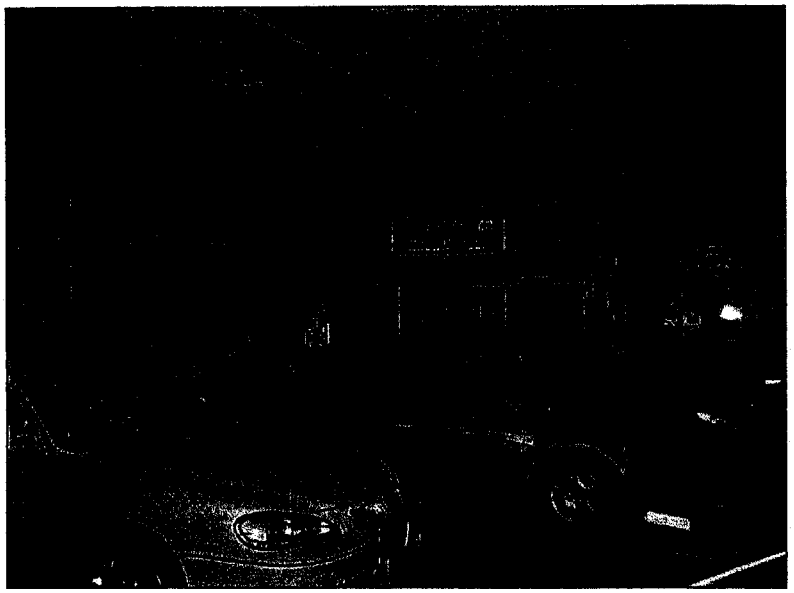


Photo 4
View of two (2) waste motor oil containers and one (1) unlabeled 5-gallon metal container in the storage room

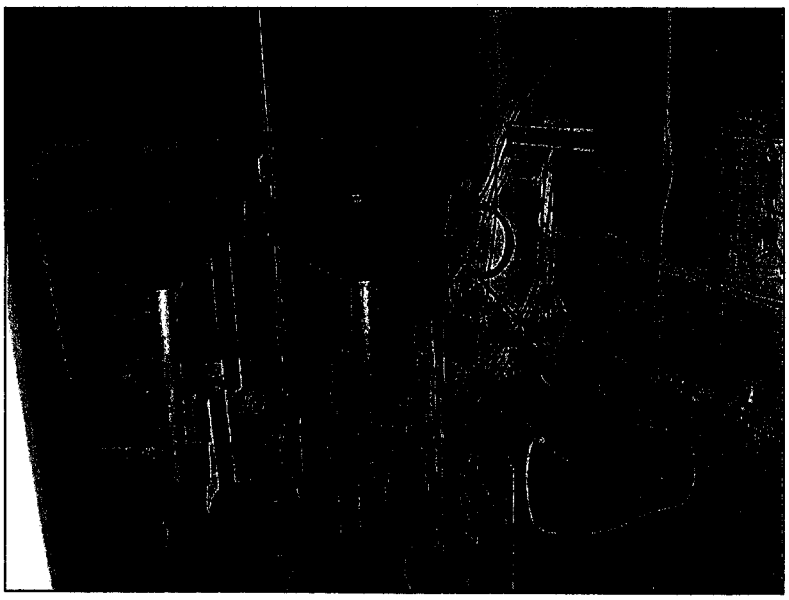


Photo 5
Northeasterly view along Northern Blvd

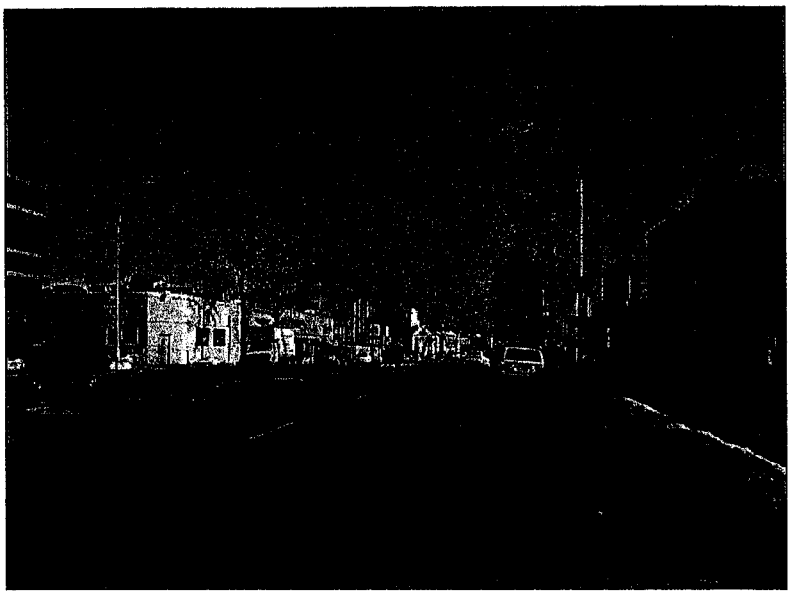


Photo 6
Southwesterly view along Northern Blvd

Photo 7
Southeasterly view along 211th St

FIGURE 4
USGS 7.5 MINUTE TOPOGRAPHICAL MAPS

Send To Printer Back To TerraServer Change to 11x17 Print Size Show Grid Lines Change to Landscape

USGS New York, New York, United States 01 Jul 1992

0 200M 0 200yd

Image courtesy of the U.S. Geological Survey

© 2004 Microsoft Corporation. **Terms of Use** **Privacy Statement**

APPENDIX B
GOVERNMENT RECORDS SEARCH DATABASE

The EDR Radius Map
with GeoCheck®

SI-20287
211-08 Northern Blvd
Bayside, NY 11361

Inquiry Number: 1614967.42s

February 15, 2006

EDR® Environmental
Data Resources Inc

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	6
Orphan Summary	170
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-7
Physical Setting Source Map Findings	A-8
Physical Setting Source Records Searched	A-37

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

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2006 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

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

211-08 NORTHERN BLVD
BAYSIDE, NY 11361

COORDINATES

Latitude (North):	40.759700 - 40' 45' 34.9"
Longitude (West):	73.771400 - 73' 46' 17.0"
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	603705.4
UTM Y (Meters):	4512596.5
Elevation:	65 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property:	40073-G7 FLUSHING, NY
Source:	USGS 7.5 min quad index

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:

FEDERAL RECORDS

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
Delisted NPL..... National Priority List Deletions
NPL Liens..... Federal Superfund Liens
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP..... CERCLIS No Further Remedial Action Planned
CORRACTS..... Corrective Action Report
RCRA-TSDF..... Resource Conservation and Recovery Act Information
RCRA-LQG..... Resource Conservation and Recovery Act Information

EXECUTIVE SUMMARY

ERNS..... Emergency Response Notification System
HMIRS..... Hazardous Materials Information Reporting System
US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
US BROWNFIELDS..... A Listing of Brownfields Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
UMTRA..... Uranium Mill Tailings Sites
ODI..... Open Dump Inventory
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)
SSTS..... Section 7 Tracking Systems
PADS..... PCB Activity Database System
MLTS..... Material Licensing Tracking System
MINES..... Mines Master Index File
FINDS..... Facility Index System/Facility Registry System
RAATS..... RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

HSWDS..... Hazardous Substance Waste Disposal Site Inventory
SHWS..... Inactive Hazardous Waste Disposal Sites in New York State
DEL SHWS..... Delisted Registry Sites
SWF/LF..... Facility Register
SWRCY..... Registered Recycling Facility List
SWTIRE..... Registered Waste Tire Storage & Facility List
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
ENG CONTROLS..... Registry of Engineering Controls
INST CONTROL..... Registry of Institutional Controls
VCP..... Voluntary Cleanup Agreements
BROWNFIELDS..... Brownfields Site List
SPDES..... State Pollutant Discharge Elimination System
AIRS..... Air Emissions Data

TRIBAL RECORDS

INDIAN RESERV..... Indian Reservations

EDR PROPRIETARY RECORDS

Manufactured Gas Plants... EDR Proprietary Manufactured Gas Plants
EDR Auto Stations..... EDR Proprietary Historic Gas Stations
EDR Cleaners..... EDR Proprietary Historic Dry Cleaners

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

EXECUTIVE SUMMARY

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.

FEDERAL RECORDS

RCRAInfo: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. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). 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. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. 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.

A review of the RCRA-SQG list, as provided by EDR, and dated 12/15/2005 has revealed that there are 20 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
BAYSIDE CHRYSLER PLYMOUTH	***211-02 NORTHERN BLVD***	***0 - 1/8 W***	***A1***	***6***
BAYSIDE CHRSYLER PLYMOUTH	***212-19 NORTHERN BLVD***	***0 - 1/8 ENE***	***B4***	***10***
BLVD AMC RENAULT	***212-19 NORTHERN BLVD***	***0 - 1/8 ENE***	***B5***	***13***
MOBIL OIL CORP SS HHL	***45-05 BELL BLVD***	***0 - 1/8 ENE***	***E17***	***38***
BELLS YOUNG CLEANERS	***43-20 BELL BLVD***	***1/8 - 1/4 NE***	***I27***	***58***
YOUNG CLEANERS INC	***43-02 BELL BLVD***	***1/8 - 1/4 NNE***	***I29***	***60***
US POSTAL SERVICE - MAIN OFFIC	***212-35 42ND AVE***	***1/8 - 1/4 N***	***31***	***62***
BELL CLEANERS	***45-61 BELL BLVD***	***1/8 - 1/4 ESE***	***J35***	***68***
CLEANING CONCEPT THE	***42-22 BELL BLVD***	***1/8 - 1/4 NNE***	***M46***	***94***
DOCK CLEANERS	***215-05 NORTHERN BLVD***	***1/8 - 1/4 ENE***	***N50***	***98***
CELEBRITY CLEANERS	***41-25 BELL BOULEVARD***	***1/8 - 1/4 N***	***O54***	***102***
PHILBERT INC DBA CELEBRITY CLE	41-25 BELL BLVD	1/8 - 1/4 N	O55	103
BAYSIDE COLLISION SERVICE INC	***214-19 42ND AVE***	***1/8 - 1/4 NNE***	***57***	***104***

Lower Elevation	Address	Dist / Dir	Map ID	Page
BARON LINCOLN MERCURY	***211-51 45TH RD***	***0 - 1/8 SSE***	***7***	***15***
V I P CADILLAC INC	***209-34 NORTHERN BLVD***	***1/8 - 1/4 WSW***	***H22***	***54***
CON ED - 45 RD & BELL BLVD	45 RD & BELL BLVD	1/8 - 1/4 E	F24	57
NYC DEPT OF SANITATION	***45-18 BELL BLVD - Q-N-1***	***1/8 - 1/4 E***	***F25***	***57***
HELMS BROS INC	***208-24 NORTHERN BLVD***	***1/8 - 1/4 WSW***	***L39***	***75***
NORTHERN BLVD DODGE	***209-01 NORTHERN BLVD***	***1/8 - 1/4 WSW***	***L42***	***90***
CON ED - TM 3843	46TH AVE & OCEANIA ST	1/8 - 1/4 SSW	48	97

EXECUTIVE SUMMARY

STATE AND LOCAL RECORDS

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 12/08/2005 has revealed that there are 31 LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
BAYSIDE CHRSYLER PLYMOUTH Date Closed: 07/29/03	***212-19 NORTHERN BLVD***	***0 - 1/8 ENE***	***B4***	***10***
213-02 NORTHERN BLVD Date Closed: / /	***213002 NORTHERN BLVD***	***0 - 1/8 ENE***	***C11***	***24***
214-20 43RD AVE/NY TEL Date Closed: 11/28/95	***2140020 43RD AVE***	***1/8 - 1/4 ENE***	***E23***	***54***
43-18 CORPORAL KENNEDY ST Date Closed: / /	***43-18 CORPORAL KENNEDY***	***1/8 - 1/4 WNW***	***33***	***64***
214-20 43RD AVE/NYTEL Date Closed: 11/28/95	***214020 43RD AVE***	***1/8 - 1/4 NE***	***I34***	***66***
BELL ATLANTIC Date Closed: 04/29/98	***214-20 43TH AVE***	***1/8 - 1/4 NE***	***K37***	***69***
N.Y. TELEPHONE Date Closed: 11/28/95	***43RD. AVENUE***	***1/8 - 1/4 NE***	***K43***	***90***
41-22 BELL BLVD/BARCLAY Date Closed: 03/05/03	***41022 BELL BLVD***	***1/8 - 1/4 N***	***53***	***100***
214-41 42ND AVE BAYSIDE Date Closed: 08/06/96 Date Closed: 05/02/00	***214-41 42ND AVE BAYSIDE***	***1/4 - 1/2 NNE***	***60***	***107***
209-01 42ND AVENUE Date Closed: 09/30/92	***209-01 42ND AVENUE***	***1/4 - 1/2 WNW***	***61***	***111***
VERIZON GARAGE Date Closed: / /	215-01 42ND AVE	1/4 - 1/2 NE	P62	114
VERIZON WORK CENTER Date Closed: 12/13/02	215-01 42ND AV	1/4 - 1/2 NE	P63	115
209-10 41ST STREET Date Closed: 08/24/94	***209-10 41ST STREET***	***1/4 - 1/2 NW***	***64***	***116***
RESIDENT-APARTMENT Date Closed: 02/18/99	***3928 212 TH STREET***	***1/4 - 1/2 NNW***	***65***	***119***
40-26 215TH ST Date Closed: 10/14/94	***40-26 215TH STREET***	***1/4 - 1/2 NNE***	***66***	***121***
JEWISH CENTER OF BAYSIDE Date Closed: / /	48-08 212TH ST	1/4 - 1/2 SSE	68	126
48-43 211TH ST. Date Closed: 05/24/93	***48-43 211TH ST***	***1/4 - 1/2 SSE***	***70***	***129***
39-09 214TH ST Date Closed: 10/02/92	***39-09 214TH ST***	***1/4 - 1/2 N***	***72***	***145***
218-03 43RD AVE Date Closed: 11/18/91	***218-03 43RD AVE***	***1/4 - 1/2 ENE***	***73***	***147***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
BAYSIDE YARD Date Closed: 11/07/05	40TH/216 STREET	1/4 - 1/2 NNE	74	149
38-36 CORPORAL KENNEDY Date Closed: 11/25/91	*38-36 CORPORAL KENNEDY*	*1/4 - 1/2 NW*	*75*	*151*
GASETERIA Date Closed: 01/26/96	*219-11 NORTHERN BLVD*	*1/4 - 1/2 ENE*	*76*	*153*
211-16 50TH AVE Date Closed: 08/17/94	*211-16 50TH AVE*	*1/4 - 1/2 SSE*	*77*	*158*
42-12 204TH STREET Date Closed: 08/17/95	*42-12 204TH STREET*	*1/4 - 1/2 W*	*78*	*160*
42-19 219TH STREET Date Closed: 12/22/03	*42019 219TH STREET*	*1/4 - 1/2 ENE*	*79*	*162*
DEEN RESIDENCE Date Closed: 02/25/03	*3802 214TH PLACE*	*1/4 - 1/2 N*	*81*	*167*

Lower Elevation	Address	Dist / Dir	Map ID	Page
209-01 NORTHERN BLVD Date Closed: 11/22/96	*209001 NORTHERN BLVD*	*1/8 - 1/4 WSW*	*H30*	*60*
NORTHERN BLV&CLEARVIEW EX Date Closed: / /	*NORTHERN BLV / CLEARVIE*	*1/4 - 1/2 WSW*	*Q67*	*123*
205-04 NORTHERN BLV/QUNS Date Closed: 09/19/03	*205004 NORTHERN BLVD*	*1/4 - 1/2 WSW*	*Q69*	*127*
BP AMOCO SERVICE STATION #5084 Date Closed: / /	*218-01 NORTHERN BOULEVA*	*1/4 - 1/2 ENE*	*71*	*132*
4724 - 204TH STREET Date Closed: 06/25/93	*4724 - 204TH STREET*	*1/4 - 1/2 SSW*	*80*	*164*

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 27 HIST LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
BAYSIDE CHRSYLER PLYMOUTH	*212-19 NORTHERN BLVD*	*0 - 1/8 ENE*	*B4*	*10*
213-02 NORTHERN BLVD	*213002 NORTHERN BLVD*	*0 - 1/8 ENE*	*C11*	*24*
214-20 43RD AVE/NY TEL	*2140020 43RD AVE*	*1/8 - 1/4 ENE*	*E23*	*54*
43-18 CORPORAL KENNEDY ST	*43-18 CORPORAL KENNEDY*	*1/8 - 1/4 WNW*	*33*	*64*
214-20 43RD AVE/NYTEL	*214020 43RD AVE*	*1/8 - 1/4 NE*	*I34*	*66*
BELL ATLANTIC	*214-20 43TH AVE*	*1/8 - 1/4 NE*	*K37*	*69*
N.Y. TELEPHONE	*43RD. AVENUE*	*1/8 - 1/4 NE*	*K43*	*90*
41-22 BELL BLVD/BARCLAY	*41022 BELL BLVD*	*1/8 - 1/4 N*	*53*	*100*
214-41 42ND AVE BAYSIDE	*214-41 42ND AVE BAYSIDE*	*1/4 - 1/2 NNE*	*60*	*107*
209-01 42ND AVENUE	*209-01 42ND AVENUE*	*1/4 - 1/2 WNW*	*61*	*111*
209-10 41ST STREET	*209-10 41ST STREET*	*1/4 - 1/2 NW*	*64*	*116*

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
RESIDENT-APARTMENT	*3928 212 TH STREET*	*1/4 - 1/2 NNW*	*65*	*119*
40-26 215TH ST	*40-26 215TH STREET*	*1/4 - 1/2 NNE*	*66*	*121*
48-43 211TH ST.	*48-43 211TH ST*	*1/4 - 1/2 SSE*	*70*	*129*
39-09 214TH ST	*39-09 214TH ST*	*1/4 - 1/2 N*	*72*	*145*
218-03 43RD AVE	*218-03 43RD AVE*	*1/4 - 1/2 ENE*	*73*	*147*
38-36 CORPORAL KENNEDY	*38-36 CORPORAL KENNEDY*	*1/4 - 1/2 NW*	*75*	*151*
GASETERIA	*219-11 NORTHERN BLVD*	*1/4 - 1/2 ENE*	*76*	*153*
211-16 50TH AVE	*211-16 50TH AVE*	*1/4 - 1/2 SSE*	*77*	*158*
42-12 204TH STREET	*42-12 204TH STREET*	*1/4 - 1/2 W*	*78*	*160*
42-19 219TH STREET	*42019 219TH STREET*	*1/4 - 1/2 ENE*	*79*	*162*
DEEN RESIDENCE	*3802 214TH PLACE*	*1/4 - 1/2 N*	*81*	*167*

Lower Elevation	Address	Dist / Dir	Map ID	Page
209-01 NORTHERN BLVD	*209001 NORTHERN BLVD*	*1/8 - 1/4 WSW*	*H30*	*60*
NORTHERN BLV&CLEARVIEW EX	*NORTHERN BLV / CLEARVIE*	*1/4 - 1/2 WSW*	*Q67*	*123*
205-04 NORTHERN BLV/QUNS	*205004 NORTHERN BLVD*	*1/4 - 1/2 WSW*	*Q69*	*127*
BP AMOCO SERVICE STATION #5084	*218-01 NORTHERN BOULEVA*	*1/4 - 1/2 ENE*	*71*	*132*
4724 - 204TH STREET	*4724 - 204TH STREET*	*1/4 - 1/2 SSW*	*80*	*164*

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 01/01/2002 has revealed that there are 17 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
MERIT BELL	213-02 NORTHERN BLVD	0 - 1/8 ENE	C9	18
ABK APARTMENTS INC	43-06 210TH ST	0 - 1/8 WNW	14	33
EXXONMOBIL S/S #17-HHL	45-05 BELL BLVD	0 - 1/8 ENE	E18	38
ABK APARTMENTS INC	210-04 43RD AVE	0 - 1/8 WNW	19	43
W PH APARTMENTS INC	42-10 212TH STREET	1/8 - 1/4 NNW	G26	57
GLS HOLDING CORP.	43-09/11 BELL BLVD.	1/8 - 1/4 NNE	I28	59
WPH APARTMENTS INC	211-01 42ND AVE	1/8 - 1/4 NNW	32	63
BELL ATLANTIC	***214-20 43RD AVENUE***	***1/8 - 1/4 NE***	***K38***	***71***
111 PRECINCT	45-06 215TH STREET	1/8 - 1/4 E	47	94
SHR APARTMENTS INC	210-06 42ND AVENUE	1/8 - 1/4 NW	49	97
SHR APARTMENTS INC	42-21 CORPORAL KENNEDY	1/8 - 1/4 NW	52	99
THE BANK OF NEW YORK	41-22 BELL BLVD	1/8 - 1/4 N	O58	104
SAMUEL B FELDMAN	209-01/07 42ND AVE	1/8 - 1/4 WNW	59	106

Lower Elevation	Address	Dist / Dir	Map ID	Page
45-18 BELL BOULEVARD	***45-18 BELL BOULEVARD***	***0 - 1/8 E***	***F20***	***44***
HELMS BROS INC	***208-24 NORTHERN BLVD***	***1/8 - 1/4 WSW***	***L39***	***75***
NORTHERN BOULEVARD DODGE	209-01/35 NORTHERN BOUL	1/8 - 1/4 WSW	L40	83
HELMS BROTHERS INC.	208-24 NORTHERN BOULEVA	1/8 - 1/4 WSW	L41	88

EXECUTIVE SUMMARY

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 01/01/2002 has revealed that there are 4 AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
BELL ATLANTIC	***214-20 43RD AVENUE***	***1/8 - 1/4 NE***	***K38***	***71***
214-32 43RD AVENUE, LLC	214-32 43RD AVENUE	1/8 - 1/4 NE	K44	93

Lower Elevation	Address	Dist / Dir	Map ID	Page
45-18 BELL BOULEVARD	***45-18 BELL BOULEVARD***	***0 - 1/8 E***	***F20***	***44***
HELMS BROS INC	***208-24 NORTHERN BLVD***	***1/8 - 1/4 WSW***	***L39***	***75***

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 12/08/2005 has revealed that there are 10 NY Spills sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
BAYSIDE CHRYSLER-PLYMOUTH Date Closed: 04/20/99	***211-02 NORTHERN BLVD***	***0 - 1/8 W***	***A2***	***6***
212-19 NORTHERN BLV/QUNS Date Closed: 07/02/91	***212-19 NORTHERN BLVD***	***0 - 1/8 ENE***	***B3***	***8***
BLOCKBUSTER PLAZA Date Closed: 06/23/97	***212-20 NORTHERN BLVD***	***0 - 1/8 ENE***	***B6***	***13***
MANHOLE #1879 Date Closed: 10/25/02	***213TH ST / NORTHERN B***	***0 - 1/8 ENE***	***C8***	***16***
213-02 NORTHRN BLVD/MERIT Date Closed: 04/13/92	***213-02 NORTHRN BLVD/MER***	***0 - 1/8 ENE***	***C10***	***22***
MOBIL STATION Date Closed: 04/25/96	***NORTHERN BLVD/BELL BLVD***	***0 - 1/8 ENE***	***E15***	***34***
MANHOLE# 2407 Date Closed: 07/08/05	BELL BLVD./NORTHERN BLV	0 - 1/8 ENE	E16	36
Not reported Date Closed: 08/17/00	***4231 212ND ST***	***0 - 1/8 NNW***	***G21***	***52***

Lower Elevation	Address	Dist / Dir	Map ID	Page
211-36 45TH DRIVE Date Closed: 05/30/95	***211-36 45TH DRIVE***	***0 - 1/8 SSE***	***D12***	***28***
211-42 45TH DRIVE Date Closed: 11/04/03	***211-42 45TH DRIVE***	***0 - 1/8 SSE***	***D13***	***30***

EXECUTIVE SUMMARY

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 9 NY Hist Spills sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
BAYSIDE CHRYSLER-PLYMOUTH	***211-02 NORTHERN BLVD***	***0 - 1/8 W***	***A2***	***6***
212-19 NORTHERN BLV/QUNS	***212-19 NORTHERN BLVD***	***0 - 1/8 ENE***	***B3***	***8***
BLOCKBUSTER PLAZA	***212-20 NORTHERN BLVD***	***0 - 1/8 ENE***	***B6***	***13***
MANHOLE #1879	***213TH ST / NORTHERN B***	***0 - 1/8 ENE***	***C8***	***16***
213-02 NORTHRN BLVD/MERIT	***213-02 NORTHRN BLVD/MER***	***0 - 1/8 ENE***	***C10***	***22***
MOBIL STATION	***NORTHERN BLVD/BELL BLVD***	***0 - 1/8 ENE***	***E15***	***34***
Not reported	***4231 212ND ST***	***0 - 1/8 NNW***	***G21***	***52***

Lower Elevation	Address	Dist / Dir	Map ID	Page
211-36 45TH DRIVE	***211-36 45TH DRIVE***	***0 - 1/8 SSE***	***D12***	***28***
211-42 45TH DRIVE	***211-42 45TH DRIVE***	***0 - 1/8 SSE***	***D13***	***30***

DRYCLEANERS:A listing of all registered drycleaning facilities.

A review of the DRYCLEANERS list, as provided by EDR, and dated 06/15/2004 has revealed that there are 4 DRYCLEANERS sites within approximately 0.25 miles of the target property.

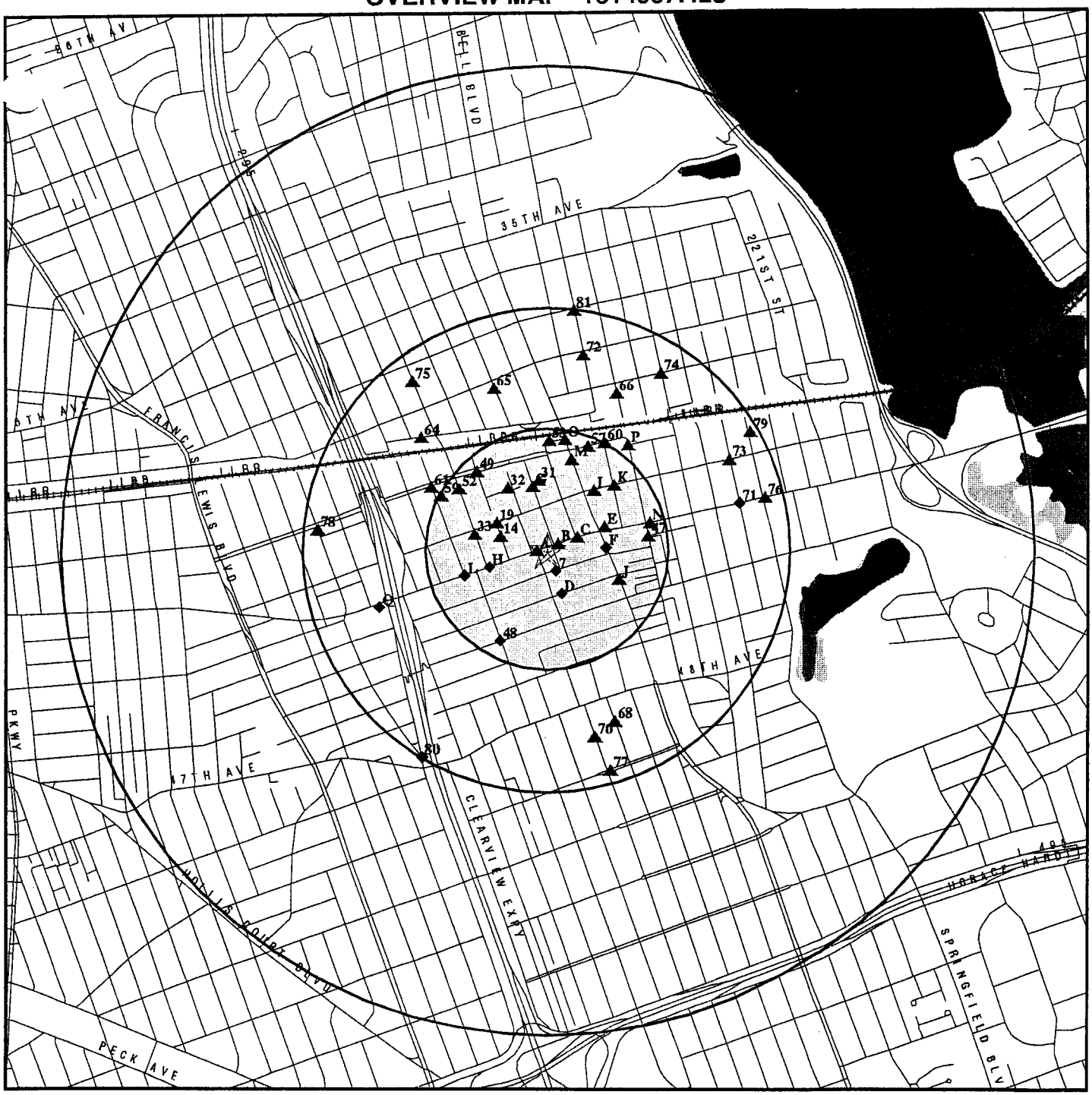
Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
OK/BELL CLEANERS	45-61 BELL BOULEVARD	1/8 - 1/4 ESE	J36	69
RIVERA DRY CLEANING	42-22 BELL BLVD	1/8 - 1/4 NNE	M45	94
DUCK/WON DRY CLEANERS	215-05 NORTHERN BLVD.	1/8 - 1/4 ENE	N51	99
CELEBRITY CLEANERS	41-25 BELL BLVD	1/8 - 1/4 N	O56	104

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
P.S. 31	AST
NYSDOT BIN 1055489	RCRA-SQG, FINDS
NYNEX-MANHOLE	RCRA-SQG
CONTRACT ER-AC1 ALLEY CREEK CSO	RCRA-SQG
EXXON STATION	NY Spills, NY Hist Spills
209TH STREET	NY Spills, NY Hist Spills
BAYSIDE BMW	NY Spills, NY Hist Spills
211-51 45TH ROAD	NY Spills, NY Hist Spills

OVERVIEW MAP - 1614967.42s



★ 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

Landfill Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

Oil & Gas pipelines

Federal Wetlands

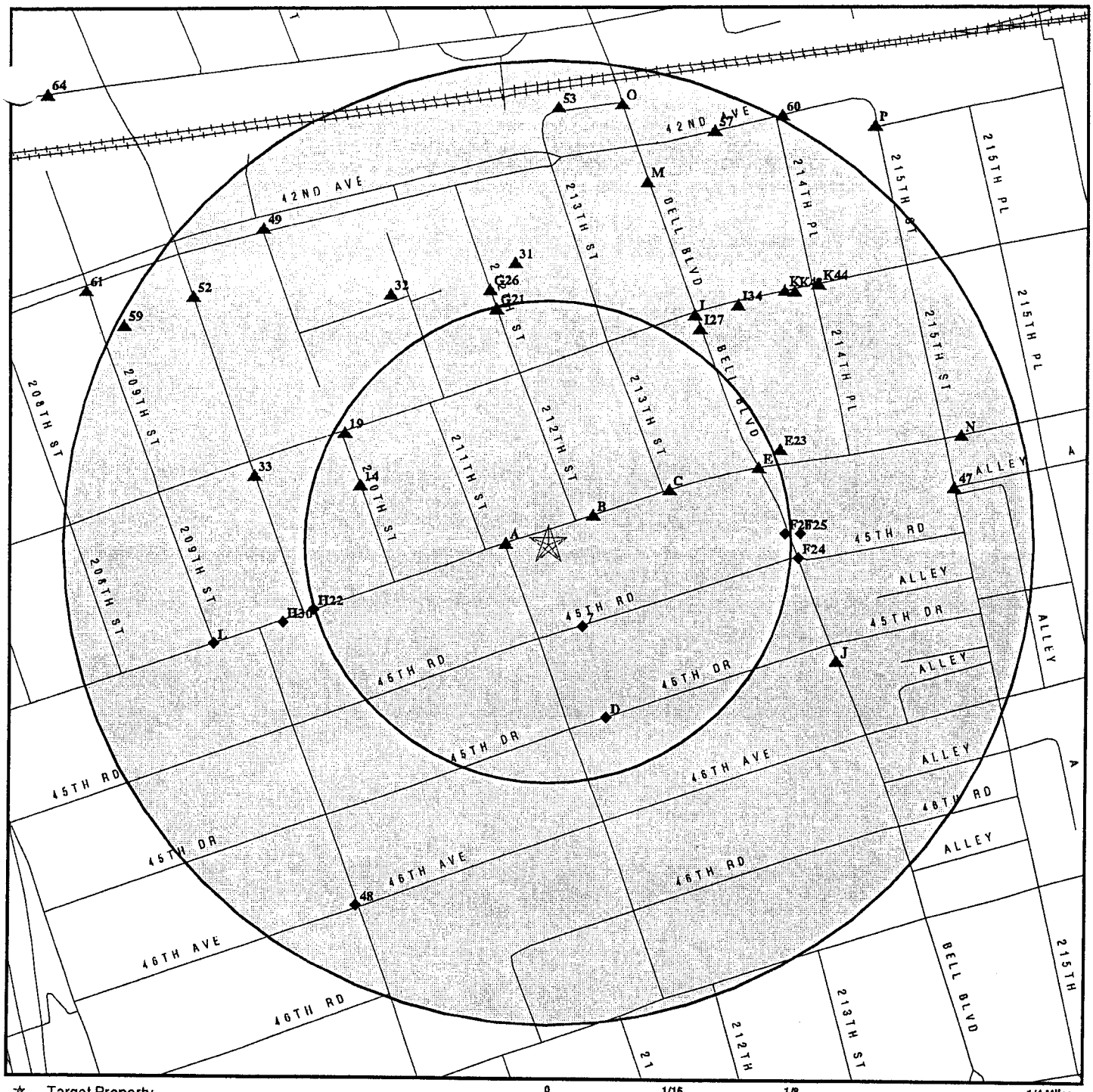
State Wetlands

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: SI-20285 ADDRESS: 211-08 Northern Blvd Bayside NY 11361 LAT/LONG: 40.7597 / 73.7714	CLIENT: JMK ESI CONTACT: Heather Conner INQUIRY #: 1614967.42s DATE: February 15, 2006

Copyright © 2006 EDR, Inc. © 2005 Tele Atlas Rel. 07/2005. All Rights Reserved.

DETAIL MAP - 1614967.42s



- ☆ 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
- Landfill Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines

0 1/16 1/8 1/4 Miles

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: SI-20285 ADDRESS: 211-08 Northern Blvd Bayside NY 11361 LAT/LONG: 40.7597 / 73.7714	CLIENT: JMK ESI CONTACT: Heather Conner INQUIRY #: 1614967.42s DATE: February 15, 2006

Copyright © 2006 EDR, Inc. © 2005 Tele Atlas Rel. 07/2005. All Rights Reserved.

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FEDERAL RECORDS								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.500	0	0	0	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRA TSD		0.500	0	0	0	NR	NR	0
RCRA Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRA Sm. Quan. Gen.		0.250	5	15	NR	NR	NR	20
ERNS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	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
ODI		0.500	0	0	0	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
SSTS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
STATE AND LOCAL RECORDS								
HSWDS		0.500	0	0	0	NR	NR	0
State Haz. Waste		1.000	0	0	0	0	NR	0
DEL SHWS		1.000	0	0	0	0	NR	0
State Landfill		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
LTANKS		0.500	2	7	22	NR	NR	31
HIST LTANKS		0.500	2	7	18	NR	NR	27
UST		0.250	5	12	NR	NR	NR	17
CBS UST		0.250	0	0	NR	NR	NR	0
MOSF UST		0.500	0	0	0	NR	NR	0
AST		0.250	1	3	NR	NR	NR	4
CBS AST		0.250	0	0	NR	NR	NR	0
MOSF AST		0.500	0	0	0	NR	NR	0
NY Spills		0.125	10	NR	NR	NR	NR	10

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NY Hist Spills		0.125	9	NR	NR	NR	NR	9
ENG CONTROLS		0.500	0	0	0	NR	NR	0
INST CONTROL		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
DRYCLEANERS		0.250	0	4	NR	NR	NR	4
BROWNFIELDS		0.500	0	0	0	NR	NR	0
SPDES		TP	NR	NR	NR	NR	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
TRIBAL RECORDS								
INDIAN RESERV		1.000	0	0	0	0	NR	0
EDR PROPRIETARY RECORDS								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0
EDR Auto Stations		0.250	0	0	NR	NR	NR	0
EDR Cleaners		0.250	0	0	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
A1 **West** **< 1/8** **114 ft.**	**BAYSIDE CHRYSLER PLYMOUTH** **211-02 NORTHERN BLVD** **BAYSIDE, NY 11361**	**RCRA-SQG** **FINDS**	**1000912504** **NY0000839209**

Site 1 of 2 in cluster A

Relative: Equal

Actual: 65 ft.

RCRAInfo:

Owner: CHRYSLER REALTY CORP
(313) 952-1222
EPA ID: NY0000839209

Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

A2 **West** **< 1/8** **114 ft.**	**BAYSIDE CHRYSLER-PLYMOUTH** **211-02 NORTHERN BLVD** **BAYSIDE, NY**	**NY Spills** **NY Hist Spills**	**S102148668** **N/A**

Site 2 of 2 in cluster A

Relative: Equal

Actual: 65 ft.

SPILLS:

DER Facility ID : 115885
Site ID : 134984
Spill Number: 9407343
Investigator: MMMULQUE
Caller Name: SAYED IQBAL
Caller Phone: (201) 857-7188
Notifier Name: Not reported
Notifier Phone: Not reported
Spill Date: 08/18/94
Facility Address 2: Not reported
Facility Type: ER
Referred To : Not reported
Remediation Phase : 0
Program Number : 9407343
Spill Cause: DELIBERATE
Water Affected: Not reported
Contact Name: Not reported
Spill Notifier: OTHER
Spiller: Not reported
Spiller Company : CHRYSLER REALTY CORP
Spiller Address: 211-02 NORTHERN BLVD
BAYSIDE, NEW YORK, ZZ
Spiller County : 001
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 04/20/99
Cleanup Ceased: / /
Last Inspection: 06/30/98
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Record Last Update: 04/26/99
Date Spill Entered In Computer Data File: 10/24/94
Material

CID : Not reported
Region of Spill: 2
SWIS: 4101
Caller Agency: S & S ENVIRONMENTAL
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Reported to Dept: 08/18/94

DEC Region : 2

Spill Source: COMMERCIAL/INDUSTRIAL
Facility Tele: Not reported

Cleanup Meets Std: True

BAYSIDE CHRYSLER-PLYMOUTH (Continued) **S102148668**

Material ID :	380352
Site ID :	134984
Operable Unit :	01
Operable Unit ID :	1001598
Material Code :	0022
Material Name :	Waste Oil/Used Oil (Not Fuel)
Case No. :	Not reported
Material FA :	Petroleum
Quantity :	Not reported
Units :	L
Recovered :	Not reported
Resource Affected - Soil :	Yes
Resource Affected - Air :	No
Resource Affected - Indoor Air :	No
Resource Affected - Groundwater :	No
Resource Affected - Surface Water :	No
Resource Affected - Drinking Wtr :	No
Resource Affected - Sewer :	No
Resource Affected - Impervious Surface :	No
Resource Affected - Subway :	No
Resource Affected - Utility :	No
Resource Affected - Impervious Surface :	No
Oxygenate :	False

DEC Remarks : Prior to Sept, 2004 data translation this spill Lead DEC Field was "MULQUEEN" 10/10/95: This is additional information about material spilled from the translation of the old spill file: SOLVENTS. 4/10/1999: SOURCE AREAS REMOVED. ADDITIONAL INVESTI GATIONS DID NOT REVEAL ANY IMPACT TO GROUNDWATER. NO FURTHER ACTION REQUIRED LETTER GENERATED AND SENT. FILE TO BE ARCHIVED.

Remark: DISCOVERED PRODUCT & SOLVENT IN DRY WELL-FROM HISTORIC SPILLAGE IN STA AREA. GOLD STAR ENVIRON. SVCE CORP DID CLEAN UP.

HIST SPILLS:

Spill Number:	9407343	Region of Spill:	2
Investigator:	MULQUEEN	SWIS:	63
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
Spill Date:	08/18/1994 07:31	Reported to Dept:	08/18/94 10:41
Spill Cause:	Deliberate	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Facility Contact:	Not reported	Facility Tele:	Not reported
Spill Notifier:	Other	PBS Number:	Not reported
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	CHRYSLER REALTY CORP		
Spiller Address:	211-02 NORTHERN BLVD BAYSIDE, NEW YORK		

DEC Remarks : 10/10/95: This is additional information about material spilled from the translation of the old spill file: SOLVENTS. 4/10/1999: SOURCE AREAS REMOVED. ADDITIONAL INVESTIGATIONS DID NOT REVEAL ANY IMPACT TO GROUNDWATER. NO FURTHER ACTION REQUIRED LETTER GENERATED AND SENT. FILE TO BE ARCHIVED.

Remark: DISCOVERED PRODUCT SOLVENT IN DRY WELL-FROM HISTORIC SPILLAGE IN STA AREA. GOLD STAR ENVIRON. SVCE CORP DID CLEAN UP.

Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Material:

BAYSIDE CHRYSLER-PLYMOUTH (Continued) **S102148668**

Material Class Type: 1
Quantity Spilled: -1
Units: Pounds
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: True
Material: WASTE OIL
Class Type: Petroleum
Chem Abstract Service Number: WASTE OIL
Last Date: 09/27/1994
Num Times Material Entry In File: 9509
Spill Closed Dt: 04/20/99
Cleanup Ceased: / /
Last Inspection: 06/30/98 Cleanup Meets Std:True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt/ / Enforcement Date: / /
Invstgn Complete:06/30/98 UST Involvement: False
Spill Record Last Update: 04/26/99
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 10/24/94
Date Region Sent Summary to Central Office: / /

B3 **212-19 NORTHERN BLV/QUNS** **NY Spills** **S102141159**
ENE **212-19 NORTHERN BLVD** **NY Hist Spills** **N/A**
< 1/8 **NEW YORK CITY, NY**
126 ft.

Site 1 of 4 in cluster B

Relative: Higher

Actual: 66 ft.

SPILLS:
DER Facility ID : 175487
Site ID : 211768 CID : Not reported
Spill Number: 9103588 Region of Spill: 2
Investigator: WILSON SWIS: 4101
Caller Name: CLIFFORD GARFINKEL Caller Agency: CITIZEN
Caller Phone: (516) 935-6735 Caller Extension: Not reported
Notifier Name: Not reported Notifier Agency: Not reported
Notifier Phone: Not reported Notifier Extension: Not reported
Spill Date: 07/02/91 Reported to Dept: 07/02/91
Facility Address 2:Not reported
Facility Type: ER
Referred To : Not reported DEC Region : 2
Remediation Phase : 0
Program Number : 9103588
Spill Cause: DELIBERATE
Water Affected: Not reported Spill Source: COMMERCIAL/INDUSTRIAL
Contact Name: Not reported Facility Tele: Not reported
Spill Notifier: CITIZEN
Spiller: Not reported
Spiller Company : BOULEVARD JEEP EAGLE
Spiller Address: 212-19 NORTHERN BLVD
BAYSIDE, NY
Spiller County : 001
Spill Class: Not reported
Spill Closed Dt: 07/02/91
Cleanup Ceased: 07/02/91
Last Inspection: / / Cleanup Meets Std:True
Recommended Penalty: Penalty Not Recommended
UST Trust: False

212-19 NORTHERN BLV/QUNS (Continued) **S102141159**

Spill Record Last Update: 09/30/04
Date Spill Entered In Computer Data File: 07/10/91
Material
Material ID : 422725
Site ID : 211768
Operable Unit : 01
Operable Unit ID : 957628
Material Code : 0022
Material Name : Waste Oil/Used Oil (Not Fuel)
Case No. : Not reported
Material FA : Petroleum
Quantity : Not reported
Units : Not reported
Recovered : Not reported
Resource Affected - Soil : No
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : Yes
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False
DEC Remarks : Not reported
Remark: ANTIFREEZE/FREON BEING DUMPED DOWN THE DRAIN/NO RECOVERY SYSTEM, REFERRED TO THE ECO'S.

HIST SPILLS:

Spill Number:	9103588	Region of Spill:	2
Investigator:	WILSON	SWIS:	63
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
Spill Date:	07/02/1991 10:00	Reported to Dept:	07/02/91 10:53
Spill Cause:	Deliberate	Resource Affected:	In Sewer
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Facility Contact:	Not reported	Facility Tele:	(718) 423-7700
Spill Notifier:	Citizen	PBS Number:	Not reported
Spiller Contact:	Not reported	Spiller Phone:	Not reported

Spiller: BOULEVARD JEEP EAGLE
Spiller Address: 212-19 NORTHERN BLVD
BAYSIDE, NY
DEC Remarks : 10/10/95: This is additional information about material spilled from the translation of the old spill file: ANTIFREEZE/FREON.
Remark: ANTIFREEZE/FREON BEING DUMPED DOWN THE DRAIN/NO RECOVERY SYSTEM, REFERRED TO THE ECO S.
Spill Class: Not reported
Material:
Material Class Type: 1
Quantity Spilled: -1
Units: Not reported
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False

212-19 NORTHERN BLV/QUNS (Continued) **S102141159**

Material: WASTE OIL
Class Type: Petroleum
Chem Abstract Service Number: WASTE OIL
Last Date: 09/27/1994
Num Times Material Entry In File: 9509
Spill Closed Dt: 07/02/91
Cleanup Ceased: 07/02/91
Last Inspection: / /
Cleanup Meets Std:True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt/ /
Enforcement Date: / /
Invstgn Complete:/ /
UST Involvement: False
Spill Record Last Update: / /
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 07/10/91
Date Region Sent Summary to Central Office: / /

B4
ENE
< 1/8
140 ft.

Relative: Higher

Actual: 66 ft.

BAYSIDE CHRSYLER PLYMOUTH
212-19 NORTHERN BLVD
BAYSIDE, NY 11361

RCRA-SQG **1000791678**
FINDS **NYD987031952**
LTANKS
HIST LTANKS

Site 2 of 4 in cluster B

RCRAInfo:
Owner: CHRYSLER REALTY CORP
(313) 952-1222
EPA ID: NYD987031952
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

LTANKS:

Spill Number:	9601254	Region of Spill:	2
Facility ID :	9601254	DER Facility ID :	146348
Site ID :	173986	CID :	05
Spill Date:	04/24/96	Reported to Dept:	04/24/96
Referred To :	Not reported	DEC Region :	2
Water Affected:	Not reported	Spill Source:	PRIVATE DWELLING
Spill Cause:	TANK TEST FAILURE		
Facility Address 2:	Not reported	Facility Tele:	(718) 279-8029
Investigator:	SMSANGES	SWIS:	4101
Caller Name:	JOHN LEDDY	Caller Agency:	PRO-TEST
Caller Phone:	(516) 321-4670	Caller Extension:	Not reported
Notifier Name:	THOMAS LEDDY	Notifier Agency:	TANKS FOR NOTHING
Notifier Phone:	(718) 668-1363	Notifier Extension:	Not reported
Spiller Contact:	JOHN	Spiller Phone:	(718) 279-8029
Spiller:	JOHN		
Spiller Company :	BAYSIDE ESTATES		
Spiller Address:	64-51 223RD PLACE BAYSIDE, NY		
Spiller County :	001		

BAYSIDE CHRSYLER PLYMOUTH (Continued) **1000791678**

Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 07/29/03
Spill Notifier: TANK TESTER
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
UST Involvement: False
Spill Record Last Update: 07/29/03
Date Spill Entered In Computer Data File: 04/24/96
Remediation Phase : 0
Program Number : 9601254
Material
Material ID : 351069
Site ID : 173986
Operable Unit : 01
Operable Unit ID : 1028887
Material Code : 0002
Material Name : #4 Fuel Oil
Case No. : Not reported
Material FA : Petroleum
Quantity : Not reported
Units : G
Recovered : Not reported
Resource Affected - Soil : Yes
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False
Tank Test
Spill Tank Test : 19066
Site ID : 173986
Tank Number : 2-8
Tank Size : 10000
Test Method : 03
Leak Rate : 0.00
Gross Fail : F
Modified By : Spills
Last Modified : 10/01/04
Test Method : Horner EZ Check I or II
DEC Remarks : Prior to Sept, 2004 data translation this spill Lead DEC Field was "SANGESLAND" 3/11/03 - SAMUEL- File available in active unassigned spill files. 7/29/2003 ProTest submitted documentation for closure: Work Done: Excavated to tank top. Re paired loose manhole cover (gasket). Repaired vent line near top of tank. Sealed petrometer line at top of tank. No visible signs of contamination. Tank retested -Passed 5/29/96 Tank abandoned 11/14/96 Spill Closed
Remark: APARTMENT COMPLEX. SOIL SAMPLES TO BE TAKEN AND FURTHER TO FOLLOW FROM

BAYSIDE CHRSYLER PLYMOUTH (Continued) **1000791678**

THERE.

HIST LTANKS:

Spill Number:	9601254	Region of Spill:	2
Spill Date:	04/08/1996 16:00	Reported to Dept:	04/24/96 18:57
Water Affected:	Not reported	Spill Source:	Private Dwelling
Resource Affectd:	On Land		
Spill Cause:	Tank Test Failure		
Facility Contact:	JOHN	Facility Tele:	(718) 279-8029
Investigator:	O'DOWD	SWIS:	63
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
Spiller Contact:	JOHN	Spiller Phone:	(718) 279-8029
Spiller:	BAYSIDE ESTATES		
Spiller Address:	64-51 223RD PLACE BAYSIDE, NY		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	/ /		
Spill Notifier:	Tank Tester	PBS Number:	Not reported
Cleanup Ceased:	/ /		
Last Inspection:	/ /		

Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: 05/24/96
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 04/24/96
Date Region Sent Summary to Central Office: / /

Tank Test:
- PBS Number: Not reported
- Tank Number: 2-8
- Test Method: Horner EZ Check
- Capacity of Failed Tank: 10000
- Leak Rate Failed Tank: 0.00
- Gross Leak Rate: Talk Test Failures only pass or fail

Material:
- Material Class Type: 1
- Quantity Spilled: 0
- Units: Gallons
- Unknown Qty Spilled: No
- Quantity Recovered: 0
- Unknown Qty Recovered: True
- Material: #4 FUEL OIL
- Class Type: Petroleum
- Chem Abstract Service Number: #4 FUEL OIL
- Last Date: 12/05/1994
- Num Times Material Entry In File: 1751

DEC Remarks: Not reported
Spill Cause: APARTMENT COMPLEX. SOIL SAMPLES TO BE TAKEN AND FURTHER TO FOLLOW FROM THERE.

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
B5 ENE < 1/8 140 ft.	**BLVD AMC RENAULT 212-19 NORTHERN BLVD BAYSIDE, NY 11360**	**RCRA-SQG FINDS**	**1000182610 NYD066960238**

Site 3 of 4 in cluster B

Relative: Higher

Actual: 66 ft.

RCRAInfo:

Owner: JACK MARK
(212) 555-1212
EPA ID: NYD066960238

Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

NY MANIFEST

Click this hyperlink while viewing on your computer to access additional NY MANIFEST detail in the EDR Site Report.

FINDS:

Other Pertinent Environmental Activity Identified at Site:
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

B6 ENE < 1/8 144 ft.	**BLOCKBUSTER PLAZA 212-20 NORTHERN BLVD BAYSIDE, NY**	**NY Spills NY Hist Spills**	**S102663167 N/A**

Site 4 of 4 in cluster B

Relative: Higher

Actual: 66 ft.

SPILLS:

DER Facility ID : 127339
Site ID : 149728
Spill Number: 9703459
Investigator: O'DOWD
Caller Name: P LEONE
Caller Phone: (718) 225-7440
Notifier Name: P LEONE
Notifier Phone: (718) 225-7440
Spill Date: 06/19/97
Facility Address 2: Not reported
Facility Type: ER
Referred To : Not reported
Remediation Phase : 0
Program Number : 9703459
Spill Cause: UNKNOWN
Water Affected: Not reported
Contact Name: NONE
Spill Notifier: CITIZEN
Spiller: NONE
Spiller Company : BLOCKBUSTER PLAZA
Spiller Address: 212-20 NORTHERN BLVD
BAYSIDE, ZZ
Spiller County : 001
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 06/23/97
Cleanup Ceased: / /
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended

CID : 05
Region of Spill: 2
SWIS: 4101
Caller Agency: CITIZEN
Caller Extension: Not reported
Notifier Agency: CITIZEN
Notifier Extension: Not reported
Reported to Dept: 06/19/97

DEC Region : 2

Spill Source: UNKNOWN
Facility Tele: Not reported

Cleanup Meets Std: False

BLOCKBUSTER PLAZA (Continued) **S102663167**

UST Trust: False
Spill Record Last Update: 12/26/03
Date Spill Entered In Computer Data File: 06/19/97
Material
Material ID : 336341
Site ID : 149728
Operable Unit : 01
Operable Unit ID : 1046251
Material Code : 0009
Material Name : Gasoline
Case No. : Not reported
Material FA : Petroleum
Quantity : Not reported
Units : G
Recovered : Not reported
Resource Affected - Soil : Yes
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False
DEC Remarks : Not reported
Remark: CITIZEN DETECTS ODOR OF GASOLINE COMING OUT OF TRAP DOOR AT ABOVE SITE

HIST SPILLS:

Spill Number:	9703459	Region of Spill:	2
Investigator:	O'DOWD	SWIS:	63
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
Spill Date:	06/18/1997	Reported to Dept:	06/19/97 15:30
Spill Cause:	Unknown	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Unknown
Facility Contact:	NONE	Facility Tele:	Not reported
Spill Notifier:	Citizen	PBS Number:	Not reported
Spiller Contact:	NONE	Spiller Phone:	Not reported
Spiller:	BLOCKBUSTER PLAZA		
Spiller Address:	212-20 NORTHERN BLVD BAYSIDE		

DEC Remarks : NO PBS . CALLED MS. LEONE 3:50 PM 6/19/97 USED TO BE A MERIT GAS STATION. CVS HAS BEEN THERE 1 YEAR TRAP DOOR IN MIDDLE OF PARKING LOT. THEY ARE ROUND SMALL- A FEW OF THEM BUT SMELL IS FROM TRAP DOOR. MS. LEONE HAS SEEN PEOPLE GO DOWN TRAP DOOR S
TAIRS. SMM 6/19/97 4:15 PM SPOKE TO MS. LEONE. SHE SAID SHE LIVES ABOUT 2 BLOCKS FROM THE SHOPPING AREA AND SHE FREQUENTS THE SHOPPING CENTER. SHE SAID WHETHER OR NOT IF THE TRAP DOOR IS OPEN, THERE IS A STRONG SMELL OF GASOLINE. 6/19/97 4:20
SPOKE TO ANGELO/MERIT HE WILL HAVE LBG INVESTIGATE AND GET BACK TO MEM AND DO A WRITE UP OF FINDINGS. 6/23/97 LBG LETTER- ON JUNE 20, 1997, THE REMEDIATION SYSTEM AT THE SITE WAS INSPECTED BY LBG DUE TO THE REPORTED PRESENCE OF GASOLINE VAPORS. TH

BLOCKBUSTER PLAZA (Continued) **S102663167**

E SYSTEM CONSISTS OF A SOIL VAPOR EXTRACTION SYSTEM AND AN AIR SPARGING SYSTEM, AND ALL TREATMENT EQUIPMENT IS LOCATED IN AN UNDERGROUND VAULT. A PID WAS USED TO SCREEN THE INTERIOR OF THE VAULT AND THE AMBIENT AIR NEAR THE EMISSIONS VENTS. NO ORG
ANIC VAPORS WERE DETECTED BY THE PID SCREENING. THE REMEDIATION SYSTEM WAS OPERATING PROPERLY, INCLUDING THE VAPOR EXHAUST FAN, EXPLOSIMETERM AND TELEMETRY EQUIPMENT. ALL PIPING AND EQUIPMENT WERE INSPECTED FOR LEAKS AND NO PAST EVIDENCE OF LEAKS
WAS FOUND. 6/23/97 3:00 PM SPOKE TO ANGELO/MERIT OIL. LBG WENT TO SITE, INSPECTED IT WITH A PID, GOT NO READINGS. THEY INSPECTED SYSTEM, EVERYTHING WAS O.K. PLUS THE SYSTEM HAS A SAFETY MECHANISM BUILT IN, IF ANY PROBLEMS IT WOULD SHUT OFF. CL
OSE OUT AND CROSS REFERENCE TO SPILL NUMBER 9406802

Remark: CITIZEN DETECTS ODOR OF GASOLINE COMING OUT OF TRAP DOOR AT ABOVE SITE
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Material:
- Material Class Type: 1
- Quantity Spilled: 0
- Units: Gallons
- Unknown Qty Spilled: No
- Quantity Recovered: 0
- Unknown Qty Recovered: True
- Material: GASOLINE
- Class Type: Petroleum
- Chem Abstract Service Number: GASOLINE
- Last Date: 09/29/1994
- Num Times Material Entry In File: 21329

Spill Closed Dt: 06/23/97
Cleanup Ceased: / /
Last Inspection: / / — Cleanup Meets Std:False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt/ / — Enforcement Date: / /
Invstgn Complete:/ / — UST Involvement: False
Spill Record Last Update: 01/26/00
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 06/19/97
Date Region Sent Summary to Central Office: / /

---

7 SSE < 1/8 247 ft. **BARON LINCOLN MERCURY** **RCRA-SQG 1000337015**
211-51 45TH RD **FINDS NYD981483761**
BAYSIDE, NY 11361

Relative: Lower
Actual: 60 ft.

RCRAInfo:
- Owner: MICHAEL COHEN (212) 555-1212
- EPA ID: NYD981483761
- Contact: Not reported
- Classification: Small Quantity Generator
- TSDF Activities: Not reported

BARON LINCOLN MERCURY (Continued) **1000337015**

Violation Status: No violations found

NY MANIFEST

Click this hyperlink while viewing on your computer to access additional NY MANIFEST detail in the EDR Site Report.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

C8 ENE < 1/8 344 ft. **MANHOLE #1879** **NY Spills S103572932**
213TH ST / NORTHERN BLVD **NY Hist Spills N/A**
QUEEN, NY

Site 1 of 4 in cluster C

Relative: Higher

Actual: 66 ft.

SPILLS:

DER Facility ID :	225256		
Site ID :	277059	CID :	257
Spill Number:	9808732	Region of Spill:	2
Investigator:	CAENGELH	SWIS:	4101
Caller Name:	RICHARD ROACH	Caller Agency:	CON ED
Caller Phone:	(212) 580-6764	Caller Extension:	Not reported
Notifier Name:	MR DELACROSS	Notifier Agency:	CON EDISON
Notifier Phone:	(212) 580-6764	Notifier Extension:	Not reported
Spill Date:	10/14/98	Reported to Dept:	10/14/98
Facility Address 2:	Not reported		
Facility Type:	ER		
Referred To :	Not reported	DEC Region :	2
Remediation Phase :	0		
Program Number :	9808732		
Spill Cause:	UNKNOWN		
Water Affected:	Not reported	Spill Source:	UNKNOWN
Contact Name:	RICHARD ROACH	Facility Tele:	(212) 580-6764
Spill Notifier:	AFFECTED PERSONS		
Spiller:	Not reported		
Spiller Company :	UNKNOWN		
Spiller Address:	NY		
Spiller County :	999		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	**10/25/02**		
Cleanup Ceased:	/ /		
Last Inspection:	/ /	Cleanup Meets Std:	False
Recommended Penalty:	Penalty Not Recommended		
UST Trust:	False		
Spill Record Last Update:	10/25/02		
Date Spill Entered In Computer Data File:	10/14/98		

Material

Material ID :	316220
Site ID :	277059
Operable Unit :	01
Operable Unit ID :	1069922
Material Code :	0066A
Material Name :	UNKNOWN PETROLEUM
Case No. :	Not reported
Material FA :	Petroleum
Quantity :	Not reported

MANHOLE #1879 (Continued) **S103572932**

Units : G
Recovered : Not reported
Resource Affected - Soil : No
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : Yes
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False
DEC Remarks : Prior to Sept, 2004 data translation this spill Lead DEC Field was "ENGELHARDT" Con Ed e2mis #120504: J.MICALLEF #09754 OS CABLE REPORTS WHILE ATTEMPTING TO ROD DUCTS FOR A CABLE PULL FOUND IN MH1879 APPROX 3 GALLONS OF AN UNKNOWN OIL ON 300 GALL
ONS OF WATER. CONTAINED TO STRUCTURE, NO SEWERS OR WATERWAYS AFFECTED, SAMPLE TAKEN & STOP TAG #05930 PLACED. LAB RESULT RECEIVED 10/15/98 - 1355. 98-11029. <1.0 PPM. UPDATE 19-OCT-1998 12:30HRS M.KNOX FLUSH DEPT REPORTS CLEANUP IS COMPLETE WI
TH SLIX AT THIS TIME. TAG REMOVED #05930. UPDATE 10/19/98 JOB IS CLOSED.
Remark: ABOUT 3 GALS IN MANHOLE WHICH HAS WATER IN IT REF #120504

HIST SPILLS:

Spill Number:	9808732	Region of Spill:	2
Investigator:	ENGELHARDT	SWIS:	63
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
Spill Date:	10/14/1998 10:00	Reported to Dept:	10/14/98 10:48
Spill Cause:	Unknown	Resource Affected:	Groundwater
Water Affected:	Not reported	Spill Source:	Unknown
Facility Contact:	Not reported	Facility Tele:	Not reported
Spill Notifier:	Affected Persons	PBS Number:	Not reported
Spiller Contact:	RICHARD ROACH	Spiller Phone:	(212) 580-6764
Spiller:	UNKNOWN		
Spiller Address:	Not reported		
DEC Remarks :	Not reported		
Remark:	ABOUT 3 GALS IN MANHOLE WHICH HAS WATER IN IT REF 120504		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		

Material:
Material Class Type: 1
Quantity Spilled: 3
Units: Gallons
Unknown Qty Spilled: 3
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: UNKNOWN PETROLEUM
Class Type: Petroleum
Chem Abstract Service Number: UNKNOWN PETROLEUM
Last Date: 09/29/1994
Num Times Material Entry In File: 16414
Spill Closed Dt: / /

MANHOLE #1879 (Continued) **S103572932**

Cleanup Ceased: / /
Last Inspection: / / Cleanup Meets Std:False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt/ / Enforcement Date: / /
Invstgn Complete:/ / UST Involvement: False
Spill Record Last Update: 10/19/98
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 10/14/98
Date Region Sent Summary to Central Office: / /

C9 ENE < 1/8 350 ft. **MERIT BELL** **UST** **U001839206**
213-02 NORTHERN BLVD **N/A**
BAYSIDE, NY 11361

Site 2 of 4 in cluster C

Relative: Higher

Actual: 66 ft.

PBS UST:

PBS Number:	2-297712	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	MERIT OIL OF NEW YORK, INC (212) 225-9636		
Emergency Contact:	G STEININGER (516) 731-4100		
Total Tanks:	0		
Owner:	MERIT OIL OF NEW YORK INC 551 W LANCASTER AVE HAVERFORD, PA 19041 (215) 527-7900		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	MERIT OIL OF NEW YORK INC ATTN: ANDREW FORD. 551 W LANCASTER AVE HAVERFORD, PA 19041 (215) 527-7900		
Tank Status:	Closed - Removed		
Capacity (gals):	2000		
Tank Location:	UNDERGROUND		
Tank Id:	49	Install Date:	02/01/1980
Tank Type:	Steel/carbon steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	GALVANIZED STEEL
Tank External:	NONE		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE		
Second Containment:	NONE		
Leak Detection:	OTHER		
Overfill Prot:	Float Vent Valve	Dispenser:	Submersible
Date Tested:	06/01/1988	Next Test Date:	Not reported
Date Closed:	08/01/1994	Test Method:	TANK AUDITOR
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	0	Renewal Date:	Not reported
Tank Screen:	0	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	12/03/1993

MERIT BELL (Continued) **U001839206**

Old PBS Number:	Not reported	Expiration Date:	11/16/1997
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	RETAIL GASOLINE SALES		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		
PBS Number:	2-297712	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	MERIT OIL OF NEW YORK, INC (212) 225-9636		
Emergency Contact:	G STEININGER (516) 731-4100		
Total Tanks:	0		
Owner:	MERIT OIL OF NEW YORK INC 551 W LANCASTER AVE HAVERFORD, PA 19041 (215) 527-7900		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	MERIT OIL OF NEW YORK INC ATTN: ANDREW FORD. 551 W LANCASTER AVE HAVERFORD, PA 19041 (215) 527-7900		
Tank Status:	Closed - Removed		
Capacity (gals):	4000		
Tank Location:	UNDERGROUND		
Tank Id:	50	Install Date:	02/01/1980
Tank Type:	Steel/carbon steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	GALVANIZED STEEL
Tank External:	NONE		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE		
Second Containment:	NONE		
Leak Detection:	OTHER		
Overfill Prot:	None	Dispenser:	Submersible
Date Tested:	06/01/1988	Next Test Date:	Not reported
Date Closed:	08/01/1994	Test Method:	TANK AUDITOR
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	0	Renewal Date:	Not reported
Tank Screen:	0	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	12/03/1993
Old PBS Number:	Not reported	Expiration Date:	11/16/1997
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	RETAIL GASOLINE SALES		
Town or City:	NEW YORK CITY		

MERIT BELL (Continued) **U001839206**

Town or City Code:	01		
County Code:	63		
Region:	2		
PBS Number:	2-297712	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	MERIT OIL OF NEW YORK, INC (212) 225-9636		
Emergency Contact:	G STEININGER (516) 731-4100		
Total Tanks:	0		
Owner:	MERIT OIL OF NEW YORK INC 551 W LANCASTER AVE HAVERFORD, PA 19041 (215) 527-7900		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	MERIT OIL OF NEW YORK INC ATTN: ANDREW FORD. 551 W LANCASTER AVE HAVERFORD, PA 19041 (215) 527-7900		
Tank Status:	Closed - Removed		
Capacity (gals):	4000		
Tank Location:	UNDERGROUND		
Tank Id:	51	Install Date:	02/01/1980
Tank Type:	Steel/carbon steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	GALVANIZED STEEL
Tank External:	NONE		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE		
Second Containment:	NONE		
Leak Detection:	OTHER		
Overfill Prot:	Float Vent Valve	Dispenser:	Submersible
Date Tested:	06/01/1988	Next Test Date:	Not reported
Date Closed:	08/01/1994	Test Method:	TANK AUDITOR
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	0	Renewal Date:	Not reported
Tank Screen:	0	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	12/03/1993
Old PBS Number:	Not reported	Expiration Date:	11/16/1997
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	RETAIL GASOLINE SALES		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		
PBS Number:	2-297712	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301

MERIT BELL (Continued) **U001839206**

Operator:	MERIT OIL OF NEW YORK, INC (212) 225-9636		
Emergency Contact:	G STEININGER (516) 731-4100		
Total Tanks:	0		
Owner:	MERIT OIL OF NEW YORK INC 551 W LANCASTER AVE HAVERFORD, PA 19041 (215) 527-7900		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	MERIT OIL OF NEW YORK INC ATTN: ANDREW FORD. 551 W LANCASTER AVE HAVERFORD, PA 19041 (215) 527-7900		
Tank Status:	Closed - Removed		
Capacity (gals):	4000		
Tank Location:	UNDERGROUND		
Tank Id:	52	Install Date:	02/01/1980
Tank Type:	Steel/carbon steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	GALVANIZED STEEL
Tank External:	NONE		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE		
Second Containment:	NONE		
Leak Detection:	OTHER		
Overfill Prot:	Float Vent Valve	Dispenser:	Submersible
Date Tested:	06/01/1988	Next Test Date:	Not reported
Date Closed:	08/01/1994	Test Method:	TANK AUDITOR
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	0	Renewal Date:	Not reported
Tank Screen:	0	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	12/03/1993
Old PBS Number:	Not reported	Expiration Date:	11/16/1997
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	RETAIL GASOLINE SALES		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		

PBS Number:	2-297712	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	MERIT OIL OF NEW YORK, INC (212) 225-9636		
Emergency Contact:	G STEININGER (516) 731-4100		
Total Tanks:	0		
Owner:	MERIT OIL OF NEW YORK INC		

MERIT BELL (Continued) **U001839206**

551 W LANCASTER AVE
HAVERFORD, PA 19041
(215) 527-7900

Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	MERIT OIL OF NEW YORK INC ATTN: ANDREW FORD. 551 W LANCASTER AVE HAVERFORD, PA 19041 (215) 527-7900		
Tank Status:	Closed - Removed		
Capacity (gals):	2000		
Tank Location:	UNDERGROUND		
Tank Id:	53	Install Date:	02/01/1980
Tank Type:	Steel/carbon steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	GALVANIZED STEEL
Tank External:	NONE		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE		
Second Containment:	NONE		
Leak Detection:	OTHER		
Overfill Prot:	Float Vent Valve	Dispenser:	Submersible
Date Tested:	04/01/1991	Next Test Date:	Not reported
Date Closed:	08/01/1994	Test Method:	TANK AUDITOR
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	0	Renewal Date:	Not reported
Tank Screen:	0	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	12/03/1993
Old PBS Number:	Not reported	Expiration Date:	11/16/1997
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	RETAIL GASOLINE SALES		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		

This is the most recent NY PBS data for this site.

Click this hyperlink while viewing on your computer to access
55 additional NY PBS record(s) in the EDR Site Report.

C10
ENE
< 1/8
364 ft.

Relative:
Higher

Actual:
66 ft.

213-02 NORTHRN BLVD/MERIT
213-02 NORTHRN BLVD/MERIT
BAYSIDE, NY

NY Spills S102142752
NY Hist Spills N/A

Site 3 of 4 in cluster C

SPILLS:

DER Facility ID :	234395		
Site ID :	289459	CID :	Not reported
Spill Number:	9200469	Region of Spill:	2
Investigator:	KSTANG	SWIS:	4101

213-02 NORTHRN BLVD/MERIT (Continued) **S102142752**

Caller Name: E CANESSA
Caller Phone: (515) 731-4100
Notifier Name: Not reported
Notifier Phone: Not reported
Spill Date: 04/13/92
Facility Address 2: Not reported
Facility Type: ER
Referred To : Not reported
Remediation Phase : 0
Program Number : 9200469
Spill Cause: HUMAN ERROR
Water Affected: Not reported
Contact Name: Not reported
Spill Notifier: RESPONSIBLE PARTY
Spiller: Not reported
Spiller Company : MERIT
Spiller Address: ZZ
Spiller County : 001
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 04/13/92
Cleanup Ceased: 04/13/92
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Record Last Update: 09/30/04
Date Spill Entered In Computer Data File: 04/16/92

Caller Agency: MERIT
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Reported to Dept: 04/13/92
DEC Region : 2
Spill Source: GASOLINE STATION
Facility Tele: Not reported
Cleanup Meets Std: True

Material
Material ID : 415262
Site ID : 289459
Operable Unit : 01
Operable Unit ID : 967706
Material Code : 0009
Material Name : Gasoline
Case No. : Not reported
Material FA : Petroleum
Quantity : Not reported
Units : G
Recovered : Not reported
Resource Affected - Soil : Yes
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False

DEC Remarks : Prior to Sept, 2004 data translation this spill Lead DEC Field was "TANG"
Remark: NYCFD FLUSHED STREET. SPEEDY DRY APPLIED & PICKED UP.

HIST SPILLS:
Spill Number: 9200469
Investigator: TANG
Region of Spill: 2
SWIS: 63

213-02 NORTHRN BLVD/MERIT (Continued) **S102142752**

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
Spill Date:	04/13/1992 11:15	Reported to Dept:	04/13/92 11:46
Spill Cause:	Human Error	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Gas Station
Facility Contact:	Not reported	Facility Tele:	Not reported
Spill Notifier:	Responsible Party	PBS Number:	Not reported
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	MERIT		
Spiller Address:	Not reported		
DEC Remarks :	Not reported		
Remark:	NYCFD FLUSHED STREET. SPEEDY DRY APPLIED PICKED UP.		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		

Material:

Material Class Type:	1
Quantity Spilled:	25
Units:	Gallons
Unknown Qty Spilled:	25
Quantity Recovered:	0
Unknown Qty Recovered:	False
Material:	GASOLINE
Class Type:	Petroleum
Chem Abstract Service Number:	GASOLINE
Last Date:	09/29/1994
Num Times Material Entry In File:	21329

Spill Closed Dt:	04/13/92		
Cleanup Ceased:	04/13/92		
Last Inspection:	/ /	Cleanup Meets Std:	True
Recommended Penalty:	Penalty Not Recommended		
Spiller Cleanup Dt:	/ /	Enforcement Date:	/ /
Invstgn Complete:	/ /	UST Involvement:	False
Spill Record Last Update:	/ /		
Is Updated:	False		
Corrective Action Plan Submitted:	/ /		
Date Spill Entered In Computer Data File:	04/16/92		
Date Region Sent Summary to Central Office:	/ /		

C11 **213-02 NORTHERN BLVD** **LTANKS** **S101341001**
ENE **213002 NORTHERN BLVD** **HIST LTANKS** **N/A**
< 1/8 **BAYSIDE, NY**
364 ft.

Site 4 of 4 in cluster C

Relative: Higher

Actual: 66 ft.

LTANKS:

Spill Number:	9406802	Region of Spill:	2
Facility ID :	9406802	DER Facility ID :	234423
Site ID :	289490	CID :	Not reported
Spill Date:	08/19/94	Reported to Dept:	08/19/94
Referred To :	AWAITING RESULTS OF ORC	DEC Region :	2
Water Affected:	Not reported	Spill Source:	GASOLINE STATION
Spill Cause:	TANK FAILURE		
Facility Address 2:	Not reported	Facility Tele:	Not reported
Investigator:	skanders	SWIS:	4101
Caller Name:	KEITH YOCIS	Caller Agency:	LEGGETTE BRASHEAS/ GRAHAM
Caller Phone:	(203) 762-1207	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported

213-02 NORTHERN BLVD (Continued) **S101341001**

Notifier Phone: Not reported
Notifier Extension: Not reported
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller: Not reported
Spiller Company : MERIT GAS STATION
Spiller Address: 113-20 NORTHERN BLVD
BAYSIDE, NEW YORK, ZZ
Spiller County : 001
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Spill Notifier: OTHER
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
UST Involvement: False
Spill Record Last Update: 10/28/05
Date Spill Entered In Computer Data File: 10/20/94
Remediation Phase : 4
Program Number : 9406802
Material
Material ID : 379832
Site ID : 289490
Operable Unit : 01
Operable Unit ID : 1001168
Material Code : 0066A
Material Name : UNKNOWN PETROLEUM
Case No. : Not reported
Material FA : Petroleum
Quantity : Not reported
Units : L
Recovered : Not reported
Resource Affected - Soil : Yes
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False
Tank Test
Spill Tank Test : Not reported
Site ID : 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
DEC Remarks : Prior to Sept, 2004 data translation this spill Lead DEC Field was "SUN"
12/31/04 File Update by Sun: -The Department has reviewed the

213-02 NORTHERN BLVD (Continued) **S101341001**

Second Tri-Annual 2004 Update Report (March 2004 through June 2004)for the subject site and has the followin
g comments: 1. According to the Update Report of Reference 1, currently, only Soil Vapor Extraction (SVE) system is operating while Air Sparging (AS) system is down for compressor replacement. The report also indicated that Hess and their consul
tant are re-evaluating the AS system in order to determine if additional wells and/or a larger compressor are necessary to effectively remediate site groundwater. Based on the sampling data taken on June 30, 2004 on fourteen (14) monitoring wells,
only three (3) wells had elevated BTEX concentrations (732.1 ppb for MVE-4, 1,207.1 ppb for MVE-5 and 959.6 ppb for MW-7). MTBE concentrations are basically attenuated to either non-detected or slightly higher than the standard limit. 2. In my
conversation with Ed Russo of EnviroTrac, dated 10/15/04, he stated that the AS pipe linking from air sparging well ASW-3 to the Vault was broken by the original contractor when they drilled two pilot test wells (AS-A and VP-A). My understanding is
that even the compressor is replaced with a new unit of higher capacity and AS pipe is repaired, the SVE/AS system still can not remediate or reduce the BTEX concentrations at Wells MVE-4 and MW7, since no SVE and AS pipes were routed to these well
locations and these wells are not covered by the radius of influence by other existing AS/SVE wells. Based on the above comments, Joe Sun sent a letter to Michael Matri of Hess on 12/20/04 requiring Hess by February 18, 2005 to submit a revised
Remedial Action Plan to address the issues described in the comments above. -WJS- 03/18/05-File Update by Sun: The Department has reviewed the Revised Remedial Action Plan (RAP), submitted by Hess dated February 11, 2005 for this site. The R
evised RAP proposed injection of Oxygen Releasing Material (ORM) for in-situ remediation of residual petroleum-impacted soil and groundwater at the site. The Revised RAP also proposed shutdown of the Soil Vapor Extraction (SVE) system one month foll
owing the ORM injection. On 03/18/05, the Department approves the injection of ORM as noted below: 1. Indoor Air Sampling: To evaluate the impact on the quality of indoor air of adjacent buildings from the shutdown of the SVE system, the Department
requires that air samples be collected and analyzed from the basement of CVS Pharmacy and Party City ten (10) days after the SVE system is shut down. Based on the results of air samples collected, the Department will determine if the shutdown of the
SVE system is warranted. The SVE system must remain in place until the above referenced spill is closed. 2. Monitoring Wells: Based on the analytical results of groundwater samples taken over the last four tri-annual reporting periods, the Depar
tment approves a reduction in the site s tri-annual groundwater sampling schedule as proposed in Reference 1. The groundwater samples are now required only from monitoring wells MW-2, 7 and MVE-1, 2, 3, 4, 5, 7, 9 and 10. The Department requires
five days advanced notice of any work at the site. (WJS)
05/09/05-File Update by Sun: A project review meeting was held on 05/05/05 between the Department, the Hess' Project Manager and Hess' consultant (EnviroTrac). Based on April 11, 2005 Site
Updated Report, no free phase product was detected. EnviroTrac plans to inject calcium peroxide to address trace concentrations of BTEX and MTBE in site monitoring wells and evaluate possibility of vapor intrusion

213-02 NORTHERN BLVD (Continued) **S101341001**

into building using Johnson & Ettin
ger Model in order to shut down SVE system. Hess will continue
tri-annual groundwater sampling to evaluate the effectiveness of the
calcium peroxide injection. (WJS) 06/03/05-File Update by Sun: On
06/-2/05 Sun sent a letter to Hess' Project Man
ager (Mike Matri), informing him that the Department approves Hess
proposal to use the United States Environmental Protection Agency
(USEPA) Johnson and Ettinger (J&E) Model for Subsurface Vapor Intrusion
into Buildings. The Department also concur
s with Hess recommendations, as follows: 1.Based on groundwater and
SVE system sampling performed at the site, indoor air sampling in the
CVS Pharmacy and Party City is not required. 2.Based on favorable model
results, the SVE system will be shut
down. The SVE system will remain in place until NYSDEC Spill #94-06802
is closed. 3.Based on the analytical results of groundwater samples
taken over the last four tri-annual reporting periods, the groundwater
samples are now required only from mo
nitoring wells MW-2, 7 and MVE-1, 2, 3, 4, 5, 7, 9 and 10. All the
existing wells must remain in place until the above-referenced spill is
closed. With the above approval, please proceed to work with the owner
of the property to implement the oxyg
en releasing material (ORM) injection outlined in the Revised RAP.
(Sun) 10/28/05: Project reassigned from Sun to Andersen. In
report dated 7/12/05, EnviroTrac stated that BTEX contamination would
not enter into adjacent buildings, based on
an EPA model. Now awaiting results of ORC injection. As noted above, SVE
system was shut down and only some of the wells are continuing to be
sampled.

Remark: DISCOVERED SOIL IN TANK PULL

HIST LTANKS:

Spill Number:	9406802	Region of Spill:	2
Spill Date:	08/19/1994 10:30	Reported to Dept:	08/19/94 11:06
Water Affected:	Not reported	Spill Source:	Gas Station
Resource Affectd:	On Land		
Spill Cause:	Tank Failure		
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	SANGESLAND	SWIS:	63
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
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	MERIT GAS STATION		
Spiller Address:	113-20 NORTHERN BLVD BAYSIDE, NEW YORK		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	/ /		
Spill Notifier:	Other	PBS Number:	Not reported
Cleanup Ceased:	/ /		
Last Inspection:	/ /		
Cleanup Meets Standard:	False		
Recommended Penalty:	Penalty Not Recommended		
Spiller Cleanup Date:	/ /		
Enforcement Date:	/ /		
Investigation Complete:	/ /		
UST Involvement:	False		

213-02 NORTHERN BLVD (Continued) **S101341001**

Spill Record Last Update: 01/26/00
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 10/20/94
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: -1
Units: Pounds
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: True
Material: UNKNOWN PETROLEUM
Class Type: Petroleum
Chem Abstract Service Number: UNKNOWN PETROLEUM
Last Date: 09/29/1994
Num Times Material Entry In File: 16414
DEC Remarks: Not reported
Spill Cause: DISCOVERED SOIL IN TANK PULL

D12 **211-36 45TH DRIVE** **NY Spills** **S102150212**
SSE **211-36 45TH DRIVE** **NY Hist Spills** **N/A**
< 1/8 **BAYSIDE, NY**
506 ft.

Site 1 of 2 in cluster D

Relative:
Lower

Actual:
58 ft.

SPILLS:
DER Facility ID : 206672
Site ID : 252207 | CID : 05
Spill Number: 9502530 | Region of Spill: 2
Investigator: UNASSIGNED | SWIS: 4101
Caller Name: KIMBERLEY ABRAMS | Caller Agency: PETRO ASTORIA
Caller Phone: (718) 545-3662 | Caller Extension: Not reported
Notifier Name: Not reported | Notifier Agency: Not reported
Notifier Phone: Not reported | Notifier Extension: Not reported
Spill Date: 05/30/95 | Reported to Dept: 05/30/95
Facility Address 2: Not reported
Facility Type: ER
Referred To : Not reported | DEC Region : 2
Remediation Phase : 0
Program Number : 9502530
Spill Cause: EQUIPMENT FAILURE
Water Affected: Not reported | Spill Source: PRIVATE DWELLING
Contact Name: Not reported | Facility Tele: Not reported
Spill Notifier: AFFECTED PERSONS
Spiller: Not reported
Spiller Company : SAME
Spiller Address: NY
Spiller County : 001
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 05/30/95

211-36 45TH DRIVE (Continued) **S102150212**

Cleanup Ceased: 05/30/95
Last Inspection: / / Cleanup Meets Std:True
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Record Last Update: 09/30/04
Date Spill Entered In Computer Data File: 06/07/95
Material
Material ID : 367586
Site ID : 252207
Operable Unit : 01
Operable Unit ID : 1013752
Material Code : 0001
Material Name : #2 Fuel Oil
Case No. : Not reported
Material FA : Petroleum
Quantity : Not reported
Units : G
Recovered : Not reported
Resource Affected - Soil : Yes
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False
DEC Remarks : Prior to Sept, 2004 data translation this spill Lead DEC Field was " "
Remark: LEAK FROM A 275 OIL TANK. SPEEDY DRY FOR CLEANUP

HIST SPILLS:

Spill Number:	9502530	Region of Spill:	2
Investigator:	Not reported	SWIS:	63
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
Spill Date:	05/30/1995 14:00	Reported to Dept:	05/30/95 15:09
Spill Cause:	Equipment Failure	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Private Dwelling
Facility Contact:	Not reported	Facility Tele:	Not reported
Spill Notifier:	Affected Persons	PBS Number:	Not reported
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	SAME		
Spiller Address:	Not reported		
DEC Remarks :	Not reported		
Remark:	LEAK FROM A 275 OIL TANK. SPEEDY DRY FOR CLEANUP		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		

Material:
Material Class Type: 1
Quantity Spilled: 2
Units: Gallons
Unknown Qty Spilled: 2
Quantity Recovered: 2

211-36 45TH DRIVE (Continued) **S102150212**

Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
Spill Closed Dt: 05/30/95
Cleanup Ceased: 05/30/95
Last Inspection: / / Cleanup Meets Std:True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt/ / Enforcement Date: / /
Invstgn Complete:/ / UST Involvement: False
Spill Record Last Update: / /
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 06/07/95
Date Region Sent Summary to Central Office: / /

D13 **211-42 45TH DRIVE** **NY Spills** **S103485191**
SSE **211-42 45TH DRIVE** **NY Hist Spills** **N/A**
< 1/8 **QUEENS, NY**
506 ft.

Site 2 of 2 in cluster D

Relative: Lower

SPILLS:
DER Facility ID : 262556

Actual: 58 ft.

Site ID : 325928 CID : 204
Spill Number: 9808556 Region of Spill: 2
Investigator: CAENGELH SWIS: 4101
Caller Name: STEVE ROMERO Caller Agency: CON EDISON
Caller Phone: (212) 580-6763 Caller Extension: Not reported
Notifier Name: MR STALLONE Notifier Agency: CON EDISON
Notifier Phone: (212) 580-6763 Notifier Extension: Not reported
Spill Date: 10/09/98 Reported to Dept: 10/09/98
Facility Address 2:Not reported
Facility Type: ER
Referred To : Not reported DEC Region : 2
Remediation Phase : 0
Program Number : 9808556
Spill Cause: HOUSEKEEPING
Water Affected: Not reported Spill Source: COMMERCIAL/INDUSTRIAL
Contact Name: STEVE ROMERO Facility Tele: (212) 580-6763
Spill Notifier: RESPONSIBLE PARTY
Spiller: STEVE ROMERO
Spiller Company : CON ED
Spiller Address: 211-42 45TH DRIVE
QUEENS, NY
Spiller County : 001
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 11/04/03
Cleanup Ceased: / /
Last Inspection: / / Cleanup Meets Std:False
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Record Last Update: 11/12/03
Date Spill Entered In Computer Data File: 10/09/98
Material
Material ID : 316054

211-42 45TH DRIVE (Continued) **S103485191**

Site ID :	325928
Operable Unit :	01
Operable Unit ID :	1065961
Material Code :	0060A
Material Name :	WASTEWATER
Case No. :	Not reported
Material FA :	Other
Quantity :	Not reported
Units :	G
Recovered :	Not reported
Resource Affected - Soil :	Yes
Resource Affected - Air :	No
Resource Affected - Indoor Air :	No
Resource Affected - Groundwater :	No
Resource Affected - Surface Water :	No
Resource Affected - Drinking Wtr :	No
Resource Affected - Sewer :	No
Resource Affected - Impervious Surface :	No
Resource Affected - Subway :	No
Resource Affected - Utility :	No
Resource Affected - Impervious Surface :	No
Oxygenate :	False

Material ID :	316055
Site ID :	325928
Operable Unit :	01
Operable Unit ID :	1065961
Material Code :	1711A
Material Name :	SOLID WASTE
Case No. :	Not reported
Material FA :	Other
Quantity :	Not reported
Units :	G
Recovered :	Not reported
Resource Affected - Soil :	Yes
Resource Affected - Air :	No
Resource Affected - Indoor Air :	No
Resource Affected - Groundwater :	No
Resource Affected - Surface Water :	No
Resource Affected - Drinking Wtr :	No
Resource Affected - Sewer :	No
Resource Affected - Impervious Surface :	No
Resource Affected - Subway :	No
Resource Affected - Utility :	No
Resource Affected - Impervious Surface :	No
Oxygenate :	False

DEC Remarks : Prior to Sept, 2004 data translation this spill Lead DEC Field was "ENGELHARDT" Con Ed e2mis #120428: WHILE CLEANING MAIN SPILL OCCORED INTO TRENCH EST. 30 GAL DRIP WATER AND 1 DRUM OF SOLID WASTE IN THE PROCESS OF CLEANING UP SPILL DID NOT ENTE
R ANY WATER WAYS OR SEWER CALLED FOR EPA # NYP004018842 JOE DISILVISTRO SUPERVISOR J COONEY 19823 IN PROCESS OF CLEAN UP INPUTED BY J STALLONE 88437 AS PER A.TOM (ERT) CHEMIST TO TAKE SAMPLES OF SOIL AT ABOVE LOCATION.CHEMIST ON LOCATION AT 2045HRS
ON 10/9/98 MOVED PLATE FOUND WATER IN EXCAVATION (BECAUSE OF RAIN)CHEMIST TOOK 1-SAMPLE OF WATER & 1-SAMPLE OF SOIL FROM EXCAVATION AT 2115 HRS REPLATED EXCAVATION CHEMIST LEFT LOCATION AT

211-42 45TH DRIVE (Continued) **S103485191**

2130HRS.R.TRIESTE (MANAGER QUEENS GAS NOTIFYED) UPDATE ENTER
ED BY D.CALLAHAN.WAITING CHEMIST REPORT. 09-OCT-1998 00:00:00 ROMERO
NOTIFIED ERT SHAH @ 14:13, HE WILL CALL CIG BACK. STALLONE WILL CALL CIG
WHEN HE IS ABLE TO ENTER THE MATERIAL HISTORY. @ 14:27 HOURS ROMERO
CALLED THE NYC DEP RIGHT TO KNO
W MR. FAHAY WHO REFUSED TO TAKE THE NOTIFICATION. ERT PEREZ WAS
NOTIFIED OF THIS BY ROMERO @ 14:30 HOURS. Logger Kenneth Heyman #
96534 19-Oct-1998 09:45 Got back lab results #98-10934 given benzene
lecel .005 ppm. Rick Triest will backfill exca
vation tomorrow with clean fill. I updated stop field, resolve field and
status field. Logger Kenneth Heyman #96534 7/08/02 09:05 Update: I
spoke to the operating construction supervisor this morning Joseph
DiSilvistro (who was on this job). Joe
explained that this job involved the abandoment of a 6" cast iron main,
and gas operations decided to fill the abandon main with a slurry mix
(soft concrete). When they were filling the main from one end any water
in the main was being pushed toward
s the other end through a manifold piping system. The crew had a five
gallon bucket at the manifokd connection to catch any water that was
being pushed out. At one point during the procedure a slug of water
unexpectedly came out and over-filled the
5 gallon bucket and spilled into the excavation. When this occurred the
mechanic shut off the outlet valve to prevent any further spillage. When
the supervisor arrived he stated that not much water came out and he
would have to estimate that about 5
gallons spilled into the excavation. Joe stated that they had collected
about 30 gallons of water from the main that they put into a 55 gallon
drum. The cleaned up the soil where the spill occured and filled up a 55
gallon drum. End caps were instal
led on the ends of the pipe at the end of the job. I changed the status
to CLODE and removed the resolve date. DEC Notes: 10/9/98 Dave Perez
ERT- while cleaning gas main, drip water from gas condensate (can
contain benzene)spilled. Asked Dave P
erez to find out about cleanup, disposal, and sampling. 10/9/98
18:37hrs Con Ed wanted to cap abandoned gas main but couldn't. While
attempting to grout, water leaked out from main and into soil. This
created a benzene contaminated hazard. Cl
eanup done. Requested that they sample back end for benzene.

Remark: CLEANING A GAS MAIN AND LOST ABOVE MATERIAL - THEY CALL IT DRIP WATER - CON ED SPILL #120428

HIST SPILLS:

Spill Number:	9808556	Region of Spill:	2
Investigator:	ENGELHARDT	SWIS:	63
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
Spill Date:	10/09/1998 11:45	Reported to Dept:	10/09/98 14:23
Spill Cause:	Housekeeping	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Facility Contact:	STEVE ROMERO	Facility Tele:	(212) 580-6763
Spill Notifier:	Responsible Party	PBS Number:	Not reported
Spiller Contact:	STEVE ROMERO	Spiller Phone:	(212) 580-6763
Spiller:	CON ED		
Spiller Address:	211-42 45TH DRIVE QUEENS, NY		
DEC Remarks :	Not reported		

211-42 45TH DRIVE (Continued) **S103485191**

Remark: CLEANING A GAS MAIN AND LOST ABOVE MATERIAL - THEY CALL IT DRIP WATER - CON ED SPILL 120428
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Material:
Material Class Type: 3
Quantity Spilled: 30
Units: Gallons
Unknown Qty Spilled: 30
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: WASTEWATER
Class Type: Non Pet/Non Haz
Chem Abstract Service Number: WASTEWATER
Last Date: Not reported
Num Times Material Entry In File: 86
Material Class Type: 3
Quantity Spilled: 0
Units: Gallons
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: True
Material: SOLID WASTE
Class Type: Non Pet/Non Haz
Chem Abstract Service Number: SOLID WASTE
Last Date: Not reported
Num Times Material Entry In File: 20
Spill Closed Dt: / /
Cleanup Ceased: / /
Last Inspection: / / Cleanup Meets Std:False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt/ / Enforcement Date: / /
Invstgn Complete:/ / UST Involvement: False
Spill Record Last Update: 10/13/98
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 10/09/98
Date Region Sent Summary to Central Office: / /

---

14 WNW < 1/8 537 ft. **ABK APARTMENTS INC** **UST** **U001835339**
43-06 210TH ST **N/A**
BAYSIDE NY, NY 11361

Relative: Higher
Actual: 68 ft.

PBS UST:
PBS Number: 2-278327 CBS Number: Not reported
SPDES Number: Not reported SWIS ID: 6301
Operator: ABK APTS INC
(212) 873-4919
Emergency Contact: MR M RETTER
(212) 873-4919
Total Tanks: 1
Owner: ABK APTS INC
155 RIVERSIDE DR
NEW YORK, NY 10024
(212) 873-4919
Owner Type: Corporate/Commercial
Owner Mark: First Owner
Owner Subtype: Not reported

ABK APARTMENTS INC (Continued) **U001835339**

Mailing Address:	ABK APTS INC 155 RIVERSIDE DR NEW YORK, NY 10024 (212) 873-4919		
Tank Status:	In Service		
Capacity (gals):	5000		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	1	Pipe Type:	STEEL/IRON
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE		
Leak Detection:	NONE		
Overfill Prot:	Product Level Gauge	Dispenser:	Suction
Date Tested:	03/01/1998	Next Test Date:	03/01/2003
Date Closed:	Not reported	Test Method:	HORNER
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	5000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	04/21/1998
Old PBS Number:	Not reported	Expiration Date:	07/14/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	APARTMENT BUILDING		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		

E15
ENE
< 1/8
609 ft.

MOBIL STATION
NORTHERN BLVD/BELL BLVD
BAYSIDE, NY

NY Spills **S102239821**
NY Hist Spills **N/A**

Site 1 of 5 in cluster E

Relative:
Higher

Actual:
66 ft.

SPILLS:

DER Facility ID :	73404		
Site ID :	78927	CID :	Not reported
Spill Number:	9601266	Region of Spill:	2
Investigator:	MMMULQUE	SWIS:	4101
Caller Name:	ANONOMOUS	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
Spill Date:	04/25/96	Reported to Dept:	04/25/96
Facility Address 2:	Not reported		
Facility Type:	ER		
Referred To :	Not reported	DEC Region :	2
Remediation Phase :	0		
Program Number :	9601266		
Spill Cause:	DELIBERATE		
Water Affected:	Not reported	Spill Source:	GASOLINE STATION

MOBIL STATION (Continued) **S102239821**

Contact Name: UNK Facility Tele: (0) -
Spill Notifier: CITIZEN
Spiller: Not reported
Spiller Company : MOBIL STATION
Spiller Address: NORTHERN BLVD/BELL BLVDD
BAYSIDE, NY 11021
Spiller County : 001
Spill Class: No spill occured. No DEC Response. No corrective action required.
Spill Closed Dt: 04/25/96
Cleanup Ceased: / /
Last Inspection: / / Cleanup Meets Std:False
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Record Last Update: 05/24/96
Date Spill Entered In Computer Data File: 04/25/96
Material
Material ID : 351080
Site ID : 78927
Operable Unit : 01
Operable Unit ID : 1028899
Material Code : 0009
Material Name : Gasoline
Case No. : Not reported
Material FA : Petroleum
Quantity : Not reported
Units : G
Recovered : Not reported
Resource Affected - Soil : No
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : Yes
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False
DEC Remarks : Prior to Sept, 2004 data translation this spill Lead DEC Field was "MULQUEEN" MULQUEEN INSPECTED - NO EVIDENCE OF RELEASE.
Remark: caller witnessed gas station spill gasoline down drain while he was getting gas drain is on northern blvd side

HIST SPILLS:

Spill Number:	9601266	Region of Spill:	2
Investigator:	MULQUEEN	SWIS:	63
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
Spill Date:	04/24/1996 19:15	Reported to Dept:	04/25/96 09:34
Spill Cause:	Deliberate	Resource Affected:	In Sewer
Water Affected:	Not reported	Spill Source:	Gas Station
Facility Contact:	Not reported	Facility Tele:	(0) -
Spill Notifier:	Citizen	PBS Number:	Not reported
Spiller Contact:	UNK	Spiller Phone:	(0) -
Spiller:	MOBIL STATION		

MOBIL STATION (Continued) **S102239821**

Spiller Address: NORTHERN BLVD/BELL BLVDD
BAYSIDE, NY 11021
DEC Remarks : MULQUEEN INSPECTED - NO EVIDENCE OF RELEASE.
Remark: caller witnessed gas station spill gasoline down drain while he was getting gas drain is on northern blvd side
Spill Class: No spill occured. No DEC Response. No corrective action required.
Material:
Material Class Type: 1
Quantity Spilled: 1
Units: Gallons
Unknown Qty Spilled: Yes
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: GASOLINE
Class Type: Petroleum
Chem Abstract Service Number: GASOLINE
Last Date: 09/29/1994
Num Times Material Entry In File: 21329
Spill Closed Dt: 04/25/96
Cleanup Ceased: / /
Last Inspection: / / Cleanup Meets Std:False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt/ / Enforcement Date: / /
Invstgn Complete:/ / UST Involvement: False
Spill Record Last Update: 05/24/96
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 04/25/96
Date Region Sent Summary to Central Office: / /

E16
ENE
< 1/8
609 ft.

MANHOLE# 2407
BELL BLVD./NORTHERN BLVD.
QUEENS, NY

NY Spills **S106967648**
N/A

Site 2 of 5 in cluster E

Relative:
Higher

Actual:
66 ft.

SPILLS:
DER Facility ID : 291257
Site ID : 344574 CID : 406
Spill Number: 0501367 Region of Spill: 2
Investigator: SKARAKHA SWIS: 4101
Caller Name: TOM MARCINEK Caller Agency: CON ED
Caller Phone: (212) 580-6763 Caller Extension: Not reported
Notifier Name: DONATONE,MR Notifier Agency: CON ED
Notifier Phone: (212) 580-6763 Notifier Extension: Not reported
Spill Date: 05/03/05 Reported to Dept: 05/03/05
Facility Address 2:Not reported
Facility Type: ER
Referred To : Not reported DEC Region : 2
Remediation Phase : 0
Program Number : 0501367
Spill Cause: EQUIPMENT FAILURE
Water Affected: Not reported Spill Source: COMMERCIAL/INDUSTRIAL
Contact Name: ERT DESK Facility Tele: (212) 580-8383
Spill Notifier: RESPONSIBLE PARTY
Spiller: ERT DESK
Spiller Company : CONEDISON
Spiller Address: 4 ERVING PL
MANHATTEN, NY

MANHOLE# 2407 (Continued) **S106967648**

Spiller County : 001
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 07/08/05
Cleanup Ceased: / /
Last Inspection: / / Cleanup Meets Std:False
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Record Last Update: 07/08/05
Date Spill Entered In Computer Data File: 05/03/05
Material
Material ID : 583419
Site ID : 344574
Operable Unit : 01
Operable Unit ID : 1103214
Material Code : 0541A
Material Name : DIELECTRIC FLUID
Case No. : Not reported
Material FA : Petroleum
Quantity : Not reported
Units : G
Recovered : Not reported
Resource Affected - Soil : Yes
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False
DEC Remarks : e2mis no 158385 JOSEPH WEIHS REPORTS FINDING APPX 1 QT OF DIELECTRIC FLUID IN THE STRUCTURE, NO WATER, DRIPPED FROM FEEDER 7Q83. NO SEWERS, WATERWAYS OR PRIVATE PROPERTY AFFECTED. SPILL APPEARS TO BE CONTAINED TO THE STRUCTURE. FOD FIELD OPERATOR
, LOROCCO, IN THE STRUCTURE, INSPECTING THE FEEDER. WHICH OPENED AUTO, CANNOT VERIFY ANY SUMPS OR SEWER CONNECTIONS IN THE STRUCTURE DUE TO POOR VISABILITY. ENVIRONMENTAL TAG NO. 43729 WAS PLACED IN THE STRUCTURE, SAMPLE TAKEN. WEIHS ALSO REPORTS, V
EHICLE 60725, POSSIBLY CONTAMINATED WHILE CLEARING SMOKE CONTAINED WITHIN THE STRUCTURE. SUPV. QUEJIJE STATES, THAT CREW AND VEHICLE WILL REMAIN ON LOCATION PENDING THE RESULTS OF THE SAMPLE. 5/3/05 0951HRS LAB RESULT RETURNED 3PPM
LSN-05-0468-001 5/3/05 1725HRS G.CASTRO ENVIR OPPS REPORTS FOUND EARTHEN SUMP IN STRUCTURE. INCIDENT WILL BE TAKEN OFF 24HR DEC PROGRAM. CLEANUP CONTINUES. UPDATE 5/3/05 21:30 HRS ENV OPS CASTRO REPORTS THE STRUCTURE WAS DOUBLE WASHED WITH BI
O-GEN 760 AND BULLDOG, THE EARTHEN SUMP WAS SEALED, AND THE ENV TAG WAS LEFT IN PLACE DUE TO U/G STILL WORKING IN STRUCTURE. ENV OPS WILL FOLLOW UP WITH FINAL CLEANUP WHEN U/G IS COMPLETE. J ANDERSON Subject: incident # 158385. operating superv
isor j. dekanchuk reports debris tank of truck 60725 was inspected prior to dumping for oil and none was was found. UPDATE 5/4/05 03:52 HRS ENV OPS CASTRO REPORTS THAT U/G HAS COMPLETED THEIR WORK, THE STRUCTURE

MANHOLE# 2407 (Continued) **S106967648**

WAS AGAIN WASHED WITH BIO-GEN 760,
ENV TAG# 43729 WAS REMOVED AND THE CLEANUP IS COMPLETE. J ANDERSON
Closed. 7-8-05. George Breen

Remark: One quart of material released from feeder cable. Location is North of Northern Blvd. they were in the process of cleaning up and found earth and Sump in the hole. Clean up is still ongoing. ConEd#158385 No to the after hours questions.

E17
ENE
< 1/8
611 ft.

MOBIL OIL CORP SS HHL
45-05 BELL BLVD
BAYSIDE, NY 11361

RCRA-SQG **1000553247**
FINDS **NYD986956621**

Site 3 of 5 in cluster E

Relative:
Equal

Actual:
65 ft.

RCRAInfo:
Owner: MOBIL OIL CORP
(703) 849-3330
EPA ID: NYD986956621
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

E18
ENE
< 1/8
611 ft.

EXXONMOBIL S/S #17-HHL
45-05 BELL BLVD
BAYSIDE, NY 11361

UST **U001839129**
N/A

Site 4 of 5 in cluster E

Relative:
Equal

Actual:
65 ft.

PBS UST:
PBS Number: 2-156841
CBS Number: Not reported
SPDES Number: Not reported
SWIS ID: 6301
Operator: ALAN UHL
(718) 224-6565
Emergency Contact: ENVIRONMENTAL HELP DESK
(800) 662-4567
Total Tanks: 7
Owner: EXXONMOBIL OIL CORP
3225 GALLOWS RD., 6W307
FAIRFAX, VA 22037
(703) 849-6252
Owner Type: Corporate/Commercial
Owner Mark: First Owner
Owner Subtype: Mobil Oil Company
Mailing Address: EXXONMOBIL OIL CORP C/O NDE ENVIRONMENTAL
ATTN: EMILY MILLER
P. O. BOX 142667
AUSTIN, TX 78714
(800) 800-4633
Tank Status: In Service
Capacity (gals): 1000
Tank Location: UNDERGROUND

EXXONMOBIL S/S #17-HHL (Continued) **U001839129**

Tank Id:	028	Install Date:	07/01/1989
Tank Type:	Fiberglass reinforced plastic [FRP]	Product Stored:	USED OIL
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	None	Pipe Type:	NONE
Tank External:	NONE/FIBERGLASS		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE/NONE		
Second Containment:	NONE/DOUBLED-WALLED TANK		
Leak Detection:	NONE/INTERSTITIAL MONITORING		
Overfill Prot:	None	Dispenser:	None
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	22000	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	08/13/1999
Old PBS Number:	Not reported	Expiration Date:	10/29/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	RETAIL GASOLINE SALES		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		

PBS Number:	2-156841	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	ALAN UHL (718) 224-6565		
Emergency Contact:	ENVIRONMENTAL HELP DESK (800) 662-4567		
Total Tanks:	7		
Owner:	EXXONMOBIL OIL CORP 3225 GALLOWS RD., 6W307 FAIRFAX, VA 22037 (703) 849-6252		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Mobil Oil Company		
Mailing Address:	EXXONMOBIL OIL CORP C/O NDE ENVIRONMENTAL ATTN: EMILY MILLER P. O. BOX 142667 AUSTIN, TX 78714 (800) 800-4633		
Tank Status:	Closed Prior to 04/91 (Either Closed In-Place or Removed)		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	12/01/1974
Tank Type:	Steel/carbon steel	Product Stored:	OTHER
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	2	Pipe Type:	GALVANIZED STEEL
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		

EXXONMOBIL S/S #17-HHL (Continued) **U001839129**

Pipe External:	Not reported		
Second Containment:	NONE		
Leak Detection:	NONE		
Overfill Prot:	3	Dispenser:	Gravity
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	False
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	22000	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	08/13/1999
Old PBS Number:	Not reported	Expiration Date:	10/29/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	RETAIL GASOLINE SALES		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		

PBS Number:	2-156841	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	ALAN UHL (718) 224-6565		
Emergency Contact:	ENVIRONMENTAL HELP DESK (800) 662-4567		
Total Tanks:	7		
Owner:	EXXONMOBIL OIL CORP 3225 GALLOWS RD., 6W307 FAIRFAX, VA 22037 (703) 849-6252		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Mobil Oil Company		
Mailing Address:	EXXONMOBIL OIL CORP C/O NDE ENVIRONMENTAL ATTN: EMILY MILLER P. O. BOX 142667 AUSTIN, TX 78714 (800) 800-4633		
Tank Status:	Closed Prior to 04/91 (Either Closed In-Place or Removed)		
Capacity (gals):	4000		
Tank Location:	UNDERGROUND		
Tank Id:	002	Install Date:	12/01/1973
Tank Type:	Steel/carbon steel	Product Stored:	LEADED GASOLINE
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	2	Pipe Type:	GALVANIZED STEEL
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE		
Leak Detection:	NONE		
Overfill Prot:	1	Dispenser:	Submersible
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported

EXXONMOBIL S/S #17-HHL (Continued) U001839129

Deleted:	False	Updated:	False
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	22000	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	08/13/1999
Old PBS Number:	Not reported	Expiration Date:	10/29/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	RETAIL GASOLINE SALES		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		

PBS Number:	2-156841	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	ALAN UHL (718) 224-6565		
Emergency Contact:	ENVIRONMENTAL HELP DESK (800) 662-4567		
Total Tanks:	7		
Owner:	EXXONMOBIL OIL CORP 3225 GALLOWS RD., 6W307 FAIRFAX, VA 22037 (703) 849-6252		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Mobil Oil Company		
Mailing Address:	EXXONMOBIL OIL CORP C/O NDE ENVIRONMENTAL ATTN: EMILY MILLER P. O. BOX 142667 AUSTIN, TX 78714 (800) 800-4633		
Tank Status:	Closed Prior to 04/91 (Either Closed In-Place or Removed)		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	003		
Tank Type:	Steel/carbon steel	Install Date:	12/01/1961
Tank Internal:	Not reported	Product Stored:	NOS 1,2, OR 4 FUEL OIL
Pipe Location:	2	Pipe Internal:	Not reported
Tank External:	Not reported	Pipe Type:	GALVANIZED STEEL
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE		
Leak Detection:	NONE		
Overfill Prot:	3		
Date Tested:	Not reported	Dispenser:	Gravity
Date Closed:	Not reported	Next Test Date:	Not reported
Deleted:	False	Test Method:	Not reported
Dead Letter:	False	Updated:	False
FAMT:	Fiscal amount for registration fee is correct	Owner Screen:	No data missing
Total Capacity:	22000		
Tank Screen:	No data missing	Renewal Date:	Not reported
Renew Flag:	Renwal has not been printed	Federal ID:	Not reported
		Facility Screen:	No data missing

EXXONMOBIL S/S #17-HHL (Continued) **U001839129**

Certification Flag:	False	Certification Date:	08/13/1999
Old PBS Number:	Not reported	Expiration Date:	10/29/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	RETAIL GASOLINE SALES		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		

PBS Number:	2-156841	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	ALAN UHL (718) 224-6565		
Emergency Contact:	ENVIRONMENTAL HELP DESK (800) 662-4567		
Total Tanks:	7		
Owner:	EXXONMOBIL OIL CORP 3225 GALLOWS RD., 6W307 FAIRFAX, VA 22037 (703) 849-6252		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Mobil Oil Company		
Mailing Address:	EXXONMOBIL OIL CORP C/O NDE ENVIRONMENTAL ATTN: EMILY MILLER P. O. BOX 142667 AUSTIN, TX 78714 (800) 800-4633		
Tank Status:	Closed Prior to 04/91 (Either Closed In-Place or Removed)		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	004	Install Date:	12/01/1961
Tank Type:	Steel/carbon steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	2	Pipe Type:	GALVANIZED STEEL
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE		
Leak Detection:	NONE		
Overfill Prot:	1	Dispenser:	Submersible
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	False
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	22000	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	08/13/1999
Old PBS Number:	Not reported	Expiration Date:	10/29/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	RETAIL GASOLINE SALES		

EXXONMOBIL S/S #17-HHL (Continued) **U001839129**

Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 63
Region: 2

This is the most recent NY PBS data for this site.

Click this hyperlink while viewing on your computer to access 16 additional NY PBS record(s) in the EDR Site Report.

---

19 WNW < 1/8 633 ft. **ABK APARTMENTS INC** **UST** **U000400854**
210-04 43RD AVE **N/A**
BAYSIDE, NY 11361

Relative: Higher
Actual: 69 ft.

PBS UST:

PBS Number:	2-278335	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	ABK APTS INC (212) 873-4919		
Emergency Contact:	MR M RETTER (212) 873-4919		
Total Tanks:	1		
Owner:	ABK APTS INC 155 RIVERSIDE DR NEW YORK, NY 11361 (212) 873-4919		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	ABK APTS INC ATTN: SUPER FACILITY MANAGER 210-04 43RD AVENUE NEW YORK, NY 11361 (212) 873-4919		
Tank Status:	In Service		
Capacity (gals):	6000		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	1	Pipe Type:	STEEL/IRON
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
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
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	False
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	6000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	04/02/1998
Old PBS Number:	Not reported	Expiration Date:	07/14/2002
Inspected Date:	Not reported	Inspector:	Not reported

ABK APARTMENTS INC (Continued) **U000400854**

Inspection Result:	Not reported
Lat/long:	Not reported
Facility Type:	APARTMENT BUILDING
Town or City:	NEW YORK CITY
Town or City Code:	01
County Code:	63
Region:	2

F20 East < 1/8 645 ft. **45-18 BELL BOULEVARD**
45-18 BELL BOULEVARD
BAYSIDE, NY 11360

UST U003074835
AST N/A

Site 1 of 3 in cluster F

Relative: Lower

Actual: 64 ft.

PBS UST:

PBS Number:	2-455385	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	BERNICE & BEVERLY TANENBAUM (212) 566-7635		
Emergency Contact:	BERNICE & BEVERLY TANENBAUM (212) 566-7635		
Total Tanks:	0		
Owner:	BERNICE R. & BEVERLY TANENBAUM 43-29 BELL BOULEVARD BAYSIDE, NY 11361 (212) 566-7635		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	BERNICE R. & BEVERLY TANENBAUM 43-29 BELL BOULEVARD BAYSIDE, NY 11361 (212) 566-7635		
Tank Status:	Tank Converted to Non-Regulated Use		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	DIESEL
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	None	Pipe Type:	GALVANIZED STEEL
Tank External:	NONE/NONE		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE/NONE		
Second Containment:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Prot:	Product Level Gauge	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	01/01/1990	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	0	Renewal Date:	Not reported
Tank Screen:	0	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	12/06/1988
Old PBS Number:	Not reported	Expiration Date:	12/06/1993
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		

45-18 BELL BOULEVARD (Continued) **U003074835**

Facility Type:	OTHER		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		
PBS Number:	2-455385	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	BERNICE & BEVERLY TANENBAUM (212) 566-7635		
Emergency Contact:	BERNICE & BEVERLY TANENBAUM (212) 566-7635		
Total Tanks:	0		
Owner:	BERNICE R. & BEVERLY TANENBAUM 43-29 BELL BOULEVARD BAYSIDE, NY 11361 (212) 566-7635		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	BERNICE R. & BEVERLY TANENBAUM 43-29 BELL BOULEVARD BAYSIDE, NY 11361 (212) 566-7635		
Tank Status:	Tank Converted to Non-Regulated Use		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	007	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	None	Pipe Type:	GALVANIZED STEEL
Tank External:	NONE/NONE		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE/NONE		
Second Containment:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Prot:	None	Dispenser:	Gravity
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	08/01/1996	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	0	Renewal Date:	Not reported
Tank Screen:	0	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	12/06/1988
Old PBS Number:	Not reported	Expiration Date:	12/06/1993
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	OTHER		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		
PBS Number:	2-455385	CBS Number:	Not reported

45-18 BELL BOULEVARD (Continued) **U003074835**

SPDES Number:	Not reported	SWIS ID:	6301
Operator:	BERNICE & BEVERLY TANENBAUM (212) 566-7635		
Emergency Contact:	BERNICE & BEVERLY TANENBAUM (212) 566-7635		
Total Tanks:	0		
Owner:	BERNICE R. & BEVERLY TANENBAUM 43-29 BELL BOULEVARD BAYSIDE, NY 11361 (212) 566-7635		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	BERNICE R. & BEVERLY TANENBAUM 43-29 BELL BOULEVARD BAYSIDE, NY 11361 (212) 566-7635		
Tank Status:	Tank Converted to Non-Regulated Use		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	008	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	None	Pipe Type:	GALVANIZED STEEL
Tank External:	NONE/NONE		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE/NONE		
Second Containment:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Prot:	None	Dispenser:	Gravity
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	08/01/1996	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	0	Renewal Date:	Not reported
Tank Screen:	0	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	12/06/1988
Old PBS Number:	Not reported	Expiration Date:	12/06/1993
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	OTHER		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		

PBS AST:

PBS Number:	2-455385	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS Code:	6301
Federal ID:	Not reported	Previous PBS#:	Not reported
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.		
Facility Type:	OTHER		
Owner Type:	Corporate/Commercial		
Owner Sub Type:	Not reported		

45-18 BELL BOULEVARD (Continued) **U003074835**

Owner:	BERNICE R. & BEVERLY TANENBAUM 43-29 BELL BOULEVARD BAYSIDE, NY 11361		
Owner Phone:	(212) 566-7635		
Facility Phone:	(212) 566-7635		
Operator:	BERNICE & BEVERLY TANENBAUM		
Emergency Name:	BERNICE & BEVERLY TANENBAUM		
Emergency Phone:	(212) 566-7635		
Total Tanks:	0		
Total Capacity:	0		
Tank ID:	002		
Capacity (Gal):	550		
Missing Data for Tank :	No data missing		
Tank Location:	ABOVEGROUND		
Product Stored:	DIESEL		
Tank Type:	Steel/carbon steel		
Install Date:	/ /		
Tank Internal:	NONE		
Tank External:	NONE/NONE		
Tank Containment:	NONE/NONE		
Pipe Type:	GALVANIZED STEEL		
Pipe Location:	None		
Pipe Internal:	NONE		
Pipe External:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Protection:	None		
Dispenser Method:	Gravity		
Date Tested:	/ /	Next Test Date:	/ /
Date Closed:	01/01/1990	Test Method:	Not reported
Updated:	True	Deleted:	False
Date Inspected:	Not reported	Inspector:	Not reported
Result of Inspection:	Not reported		
Mailing Name:	BERNICE R. & BEVERLY TANENBAUM		
Mailing Address:	43-29 BELL BOULEVARD BAYSIDE, NY 11361		
Mailing Contact:	Not reported		
Mailing Telephone:	(212) 566-7635		
Owner Mark:	First Owner	Expiration Date:	12/06/1993
Certification Flag:	False	Certification Date:	12/06/1988
Renew Flag:	False	Renew Date:	/ /
Lat/Long:	Not reported		
Dead Letter:	False		
Facility Screen:	No data missing		
Owner Screen:	Minor data missing		
Tank Screen:	0		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		

Fiscal Amount for Registration Fee is Correct: True

PBS Number:	2-455385	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS Code:	6301
Federal ID:	Not reported	Previous PBS#:	Not reported
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.		
Facility Type:	OTHER		

45-18 BELL BOULEVARD (Continued) **U003074835**

Owner Type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Owner:	BERNICE R. & BEVERLY TANENBAUM 43-29 BELL BOULEVARD BAYSIDE, NY 11361		
Owner Phone:	(212) 566-7635		
Facility Phone:	(212) 566-7635		
Operator:	BERNICE & BEVERLY TANENBAUM		
Emergency Name:	BERNICE & BEVERLY TANENBAUM		
Emergency Phone:	(212) 566-7635		
Total Tanks:	0		
Total Capacity:	0		
Tank ID:	003		
Capacity (Gal):	275		
Missing Data for Tank :	No data missing		
Tank Location:	ABOVEGROUND		
Product Stored:	KEROSENE		
Tank Type:	Steel/carbon steel		
Install Date:	/ /		
Tank Internal:	NONE		
Tank External:	NONE/NONE		
Tank Containment:	NONE/NONE		
Pipe Type:	GALVANIZED STEEL		
Pipe Location:	None		
Pipe Internal:	NONE		
Pipe External:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Protection:	None		
Dispenser Method:	Gravity		
Date Tested:	/ /	Next Test Date:	/ /
Date Closed:	01/01/1990	Test Method:	Not reported
Updated:	True	Deleted:	False
Date Inspected:	Not reported	Inspector:	Not reported
Result of Inspection:	Not reported		
Mailing Name:	BERNICE R. & BEVERLY TANENBAUM		
Mailing Address:	43-29 BELL BOULEVARD BAYSIDE, NY 11361		
Mailing Contact:	Not reported		
Mailing Telephone:	(212) 566-7635		
Owner Mark:	First Owner	Expiration Date:	12/06/1993
Certification Flag:	False	Certification Date:	12/06/1988
Renew Flag:	False	Renew Date:	/ /
Lat/Long:	Not reported		
Dead Letter:	False		
Facility Screen:	No data missing		
Owner Screen:	Minor data missing		
Tank Screen:	0		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		

Fiscal Amount for Registration Fee is Correct: True

PBS Number:	2-455385	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS Code:	6301
Federal ID:	Not reported	Previous PBS#:	Not reported

45-18 BELL BOULEVARD (Continued) **U003074835**

Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Facility Type:	OTHER
Owner Type:	Corporate/Commercial
Owner Sub Type:	Not reported
Owner:	BERNICE R. & BEVERLY TANENBAUM 43-29 BELL BOULEVARD BAYSIDE, NY 11361
Owner Phone:	(212) 566-7635
Facility Phone:	(212) 566-7635
Operator:	BERNICE & BEVERLY TANENBAUM
Emergency Name:	BERNICE & BEVERLY TANENBAUM
Emergency Phone:	(212) 566-7635
Total Tanks:	0
Total Capacity:	0
Tank ID:	004
Capacity (Gal):	275
Missing Data for Tank :	No data missing
Tank Location:	ABOVEGROUND
Product Stored:	OTHER
Tank Type:	Steel/carbon steel
Install Date:	/ /
Tank Internal:	NONE
Tank External:	NONE/NONE
Tank Containment:	NONE/NONE
Pipe Type:	GALVANIZED STEEL
Pipe Location:	None
Pipe Internal:	NONE
Pipe External:	NONE/NONE
Leak Detection:	NONE/NONE
Overfill Protection:	None
Dispenser Method:	Gravity
Date Tested:	/ /
Date Closed:	01/01/1990
Updated:	True
Date Inspected:	Not reported
Result of Inspection:	Not reported
Mailing Name:	BERNICE R. & BEVERLY TANENBAUM
Mailing Address:	43-29 BELL BOULEVARD BAYSIDE, NY 11361
Mailing Contact:	Not reported
Mailing Telephone:	(212) 566-7635
Owner Mark:	First Owner
Certification Flag:	False
Renew Flag:	False
Lat/Long:	Not reported
Dead Letter:	False
Facility Screen:	No data missing
Owner Screen:	Minor data missing
Tank Screen:	0
Town or City:	NEW YORK CITY
Town or City Code:	01
County Code:	63
Region:	2

Next Test Date: / /
Test Method: Not reported
Deleted: False
Inspector: Not reported

Expiration Date: 12/06/1993
Certification Date: 12/06/1988
Renew Date: / /

Fiscal Amount for Registration Fee is Correct: True

PBS Number: 2-455385

CBS Number: Not reported

45-18 BELL BOULEVARD (Continued) **U003074835**

SPDES Number:	Not reported	SWIS Code:	6301
Federal ID:	Not reported	Previous PBS#:	Not reported
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.		
Facility Type:	OTHER		
Owner Type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Owner:	BERNICE R. & BEVERLY TANENBAUM 43-29 BELL BOULEVARD BAYSIDE, NY 11361		
Owner Phone:	(212) 566-7635		
Facility Phone:	(212) 566-7635		
Operator:	BERNICE & BEVERLY TANENBAUM		
Emergency Name:	BERNICE & BEVERLY TANENBAUM		
Emergency Phone:	(212) 566-7635		
Total Tanks:	0		
Total Capacity:	0		
Tank ID:	005		
Capacity (Gal):	275		
Missing Data for Tank :	No data missing		
Tank Location:	ABOVEGROUND		
Product Stored:	OTHER		
Tank Type:	Steel/carbon steel		
Install Date:	/ /		
Tank Internal:	NONE		
Tank External:	NONE/NONE		
Tank Containment:	NONE/NONE		
Pipe Type:	GALVANIZED STEEL		
Pipe Location:	None		
Pipe Internal:	NONE		
Pipe External:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Protection:	None		
Dispenser Method:	Gravity		
Date Tested:	/ /	Next Test Date:	/ /
Date Closed:	01/01/1990	Test Method:	Not reported
Updated:	True	Deleted:	False
Date Inspected:	Not reported	Inspector:	Not reported
Result of Inspection:	Not reported		
Mailing Name:	BERNICE R. & BEVERLY TANENBAUM		
Mailing Address:	43-29 BELL BOULEVARD BAYSIDE, NY 11361		
Mailing Contact:	Not reported		
Mailing Telephone:	(212) 566-7635		
Owner Mark:	First Owner	Expiration Date:	12/06/1993
Certification Flag:	False	Certification Date:	12/06/1988
Renew Flag:	False	Renew Date:	/ /
Lat/Long:	Not reported		
Dead Letter:	False		
Facility Screen:	No data missing		
Owner Screen:	Minor data missing		
Tank Screen:	0		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		

Fiscal Amount for Registration Fee is Correct: True

45-18 BELL BOULEVARD (Continued) **U003074835**

PBS Number:	2-455385	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS Code:	6301
Federal ID:	Not reported	Previous PBS#:	Not reported
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.		
Facility Type:	OTHER		
Owner Type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Owner:	BERNICE R. & BEVERLY TANENBAUM 43-29 BELL BOULEVARD BAYSIDE, NY 11361		
Owner Phone:	(212) 566-7635		
Facility Phone:	(212) 566-7635		
Operator:	BERNICE & BEVERLY TANENBAUM		
Emergency Name:	BERNICE & BEVERLY TANENBAUM		
Emergency Phone:	(212) 566-7635		
Total Tanks:	0		
Total Capacity:	0		
Tank ID:	006		
Capacity (Gal):	550		
Missing Data for Tank :	No data missing		
Tank Location:	ABOVEGROUND		
Product Stored:	OTHER		
Tank Type:	Steel/carbon steel		
Install Date:	/ /		
Tank Internal:	NONE		
Tank External:	NONE/NONE		
Tank Containment:	NONE/NONE		
Pipe Type:	GALVANIZED STEEL		
Pipe Location:	None		
Pipe Internal:	NONE		
Pipe External:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Protection:	None		
Dispenser Method:	Gravity		
Date Tested:	/ /	Next Test Date:	/ /
Date Closed:	01/01/1990	Test Method:	Not reported
Updated:	True	Deleted:	False
Date Inspected:	Not reported	Inspector:	Not reported
Result of Inspection:	Not reported		
Mailing Name:	BERNICE R. & BEVERLY TANENBAUM		
Mailing Address:	43-29 BELL BOULEVARD BAYSIDE, NY 11361		
Mailing Contact:	Not reported		
Mailing Telephone:	(212) 566-7635		
Owner Mark:	First Owner	Expiration Date:	12/06/1993
Certification Flag:	False	Certification Date:	12/06/1988
Renew Flag:	False	Renew Date:	/ /
Lat/Long:	Not reported		
Dead Letter:	False		
Facility Screen:	No data missing		
Owner Screen:	Minor data missing		
Tank Screen:	0		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		

45-18 BELL BOULEVARD (Continued) **U003074835**

Region: 2
Fiscal Amount for Registration Fee is Correct: True

G21
NNW
< 1/8
657 ft.

4231 212ND ST
QUEENS, NY

NY Spills S104786961
NY Hist Spills N/A

Site 1 of 2 in cluster G

Relative:
Higher

Actual:
73 ft.

SPILLS:
DER Facility ID : 61642
Site ID : 63889 | CID : 312
Spill Number: 0004182 | Region of Spill: 2
Investigator: JHOCONNE | SWIS: 4101
Caller Name: BILL MURPHY | Caller Agency: CON EDISON
Caller Phone: (212) 580-6763 | Caller Extension: Not reported
Notifier Name: POVERELLI | Notifier Agency: CON ED
Notifier Phone: (212) 580-6763 | Notifier Extension: Not reported
Spill Date: 07/07/00 | Reported to Dept: 07/07/00
Facility Address 2: Not reported
Facility Type: ER
Referred To : Not reported | DEC Region : 2
Remediation Phase : 0
Program Number : 0004182
Spill Cause: EQUIPMENT FAILURE
Water Affected: Not reported | Spill Source: COMMERCIAL VEHICLE
Contact Name: Not reported | Facility Tele: Not reported
Spill Notifier: RESPONSIBLE PARTY
Spiller: Not reported
Spiller Company : CON EDISON
Spiller Address: 4 IRVING PLACE
NEW YORK, NY 10003
Spiller County : 001
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 08/17/00
Cleanup Ceased: / /
Last Inspection: / / | Cleanup Meets Std: False
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Record Last Update: 01/12/01
Date Spill Entered In Computer Data File: 07/07/00
Material
Material ID : 548925
Site ID : 63889
Operable Unit : 01
Operable Unit ID : 826583
Material Code : 0010A
Material Name : HYDRAULIC OIL
Case No. : Not reported
Material FA : Other
Quantity : Not reported
Units : G
Recovered : Not reported
Resource Affected - Soil : No
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No

(Continued) **S104786961**

Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : Yes
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False

DEC Remarks : Prior to Sept, 2004 data translation this spill Lead DEC Field was "O'CONNELL" e2MIS Notes: 3 pints of hydraulic fluid from company truck leaked onto street. Update 7/7/00: Approximately 5-10 drops of hydraulic fluid was released into sewer.
Reported that it is not hydraulic fluid but transmission fluid. G. Jacobi called and stated cleanup completed. Lifted sewer cap and cleanup first rung of ladder. Cleaned both top and bottom of sewer cap. Cleaned street down and transportation ma
de repairs to vactor on location.

Remark: SPILLED ABOUT 3 PINTS TO THE BLACKTOP AND ABOUT 10 DROPS WENT INTO THE STORM SEWER - STREET IS BEING CLEANED UP NOW - CASE #132233 - VEH #60478 - SEWER ENTRY DISCOVERED AT 0955

HIST SPILLS:

Spill Number:	0004182	Region of Spill:	2
Investigator:	O'CONNELL	SWIS:	63
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
Spill Date:	07/07/2000 09:15	Reported to Dept:	07/07/00 10:13
Spill Cause:	Equipment Failure	Resource Affected:	In Sewer
Water Affected:	Not reported	Spill Source:	Commercial Vehicle
Facility Contact:	Not reported	Facility Tele:	(212) 580-6763
Spill Notifier:	Responsible Party	PBS Number:	Not reported
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	CON EDISON		
Spiller Address:	4 IRVING PLACE NEW YORK, NY 10003		

DEC Remarks : e2MIS Notes: 3 pints of hydraulic fluid from company truck leaked onto street. Update 7/7/00: Approximately 5-10 drops of hydraulic fluid was released into sewer. Reported that it is not hydraulic fluid but transmission fluid. G. Jacobi call
ed and stated cleanup completed. Lifted sewer cap and cleanup first rung of ladder. Cleaned both top and bottom of sewer cap. Cleaned street down and transportation made repairs to vactor on location.

Remark: SPILLED ABOUT 3 PINTS TO THE BLACKTOP AND ABOUT 10 DROPS WENT INTO THE STORM SEWER - STREET IS BEING CLEANED UP NOW - CASE 132233 - VEH 60478 - SEWER ENTRY DISCOVERED AT 0955

Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Material:

Material Class Type:	1
Quantity Spilled:	3
Units:	Gallons
Unknown Qty Spilled:	3
Quantity Recovered:	0
Unknown Qty Recovered:	True
Material:	HYDRAULIC OIL
Class Type:	Petroleum
Chem Abstract Service Number:	HYDRAULIC OIL

(Continued) **S104786961**

Last Date: 07/28/1994
Num Times Material Entry In File: 1846
Spill Closed Dt: 08/17/00
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Std:False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt/ /
Enforcement Date: / /
Invstgn Complete:/ /
UST Involvement: False
Spill Record Last Update: 01/12/01
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 07/07/00
Date Region Sent Summary to Central Office: / /

H22 **V I P CADILLAC INC** **RCRA-SQG 1000141121**
WSW **209-34 NORTHERN BLVD** **FINDS NYD054341771**
1/8-1/4 **BAYSIDE, NY 11361**
662 ft.

Site 1 of 2 in cluster H

Relative: Lower
Actual: 61 ft.

RCRAInfo:
Owner: UNKNOWN
(212) 555-1212
EPA ID: NYD054341771
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

NY MANIFEST

Click this hyperlink while viewing on your computer to access additional NY MANIFEST detail in the EDR Site Report.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

E23 **214-20 43RD AVE/NY TEL** **LTANKS S100177456**
ENE **2140020 43RD AVE** **HIST LTANKS N/A**
1/8-1/4 **BAYSIDE, NY**
681 ft.

Site 5 of 5 in cluster E

Relative: Higher
Actual: 66 ft.

LTANKS:

Spill Number:	9109606	Region of Spill:	2
Facility ID :	9109606	DER Facility ID :	78199
Site ID :	85081	CID :	Not reported
Spill Date:	12/09/91	Reported to Dept:	12/09/91
Referred To :	Not reported	DEC Region :	2
Water Affected:	Not reported	Spill Source:	COMMERCIAL/INDUSTRIAL
Spill Cause:	TANK TEST FAILURE		
Facility Address 2:	Not reported	Facility Tele:	Not reported
Investigator:	MCTIBBE	SWIS:	4101
Caller Name:	M SEPE	Caller Agency:	F & N
Caller Phone:	(516) 586-4900	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported

214-20 43RD AVE/NY TEL (Continued) **S100177456**

Notifier Phone: Not reported
Notifier Extension: Not reported
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller: Not reported
Spiller Company : NY TEL
Spiller Address: ZZ
Spiller County : 001
Spill Class: Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 11/28/95
Spill Notifier: TANK TESTER
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
UST Involvement: False
Spill Record Last Update: 10/03/97
Date Spill Entered In Computer Data File: 12/13/91
Remediation Phase : 0
Program Number : 9109606
Material
Material ID : 418206
Site ID : 85081
Operable Unit : 01
Operable Unit ID : 963399
Material Code : 0012
Material Name : Kerosene
Case No. : Not reported
Material FA : Petroleum
Quantity : Not reported
Units : G
Recovered : Not reported
Resource Affected - Soil : Yes
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False
Tank Test
Spill Tank Test : 13964
Site ID : 85081
Tank Number : Not reported
Tank Size : 0
Test Method : 00
Leak Rate : 0.00
Gross Fail : Not reported
Modified By : Spills
Last Modified : 10/01/04
Test Method : Unknown
DEC Remarks : Prior to Sept, 2004 data translation this spill Lead DEC Field was "TIBBE" TANK CLOSED. SEE FILE.
Remark: WILL EXCAVATE

214-20 43RD AVE/NY TEL (Continued) **S100177456**

HIST LTANKS:

Spill Number:	9109606	Region of Spill:	2
Spill Date:	12/09/1991 13:30	Reported to Dept:	12/09/91 16:15
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Resource Affectd:	On Land		
Spill Cause:	Tank Test Failure		
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	TIBBE	SWIS:	63
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
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	NY TEL		
Spiller Address:	Not reported		
Spill Class:	Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	11/28/95		
Spill Notifier:	Tank Tester	PBS Number:	Not reported
Cleanup Ceased:	/ /		
Last Inspection:	/ /		

Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: 10/03/97
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 12/13/91
Date Region Sent Summary to Central Office: / /

Tank Test:

PBS Number:	Not reported
Tank Number:	Not reported
Test Method:	Not reported
Capacity of Failed Tank:	0
Leak Rate Failed Tank:	0.00
Gross Leak Rate:	Not reported

Material:

Material Class Type:	1
Quantity Spilled:	-1
Units:	Gallons
Unknown Qty Spilled:	-1
Quantity Recovered:	0
Unknown Qty Recovered:	False
Material:	KEROSENE
Class Type:	Petroleum
Chem Abstract Service Number:	KEROSENE
Last Date:	09/29/1994
Num Times Material Entry In File:	2052

DEC Remarks: TANK CLOSED. SEE FILE.
Spill Cause: WILL EXCAVATE

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
F24 East 1/8-1/4 682 ft.	**CON ED - 45 RD & BELL BLVD** 45 RD & BELL BLVD BAYSIDE, NY 11361	RCRA-SQG	1007206387 NYP004009130

Relative: Lower

Actual: 64 ft.

Site 2 of 3 in cluster F

RCRAInfo:

Contact: ANTHONY G DRUMMINGS
(212) 460-3770

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

F25 East 1/8-1/4 687 ft.	**NYC DEPT OF SANITATION** 45-18 BELL BLVD - Q-N-11B BAYSIDE, NY 11361	RCRA-SQG FINDS	1000141013 NYD986869949

Relative: Lower

Actual: 64 ft.

Site 3 of 3 in cluster F

RCRAInfo:

Owner: BERNICE TANENBAUM
(212) 555-1212
EPA ID: NYD986869949

Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

G26 NNW 1/8-1/4 711 ft.	**W PH APARTMENTS INC** 42-10 212TH STREET BAYSIDE, NY 11361	UST	U001835242 N/A

Relative: Higher

Actual: 73 ft.

Site 2 of 2 in cluster G

PBS UST:

PBS Number: 2-277614
SPDES Number: Not reported
Operator: W PH APARTMENTS INC
(212) 873-4919
Emergency Contact: MR M RETTER
(212) 873-4919
Total Tanks: 1
Owner: W PH APARTMENTS INC
155 RIVERSIDE DRIVE
NEW YORK, NY 10024
(212) 873-4919
Owner Type: Corporate/Commercial
Owner Mark: First Owner
Owner Subtype: Not reported
Mailing Address: W PH APARTMENTS INC
155 RIVERSIDE DRIVE
NEW YORK, NY 10024

CBS Number: Not reported
SWIS ID: 6301

W PH APARTMENTS INC (Continued) **U001835242**

(212) 873-4919

Tank Status:	In Service		
Capacity (gals):	9000		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	1	Pipe Type:	STEEL/IRON
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
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
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	False
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	9000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	07/07/1997
Old PBS Number:	Not reported	Expiration Date:	07/10/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	APARTMENT BUILDING		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		

I27 **BELLS YOUNG CLEANERS** **RCRA-SQG 1000275302**
NE **43-20 BELL BLVD** **FINDS NYD982534596**
1/8-1/4 **BAYSIDE, NY 11361**
720 ft.

Site 1 of 4 in cluster I

Relative: Higher

Actual: 69 ft.

RCRAInfo:

Owner: BELLS YOUNG CLEANERS INC
(212) 555-1212
EPA ID: NYD982534596

Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
I28 NNE 1/8-1/4 736 ft.	GLS HOLDING CORP. 43-09/11 BELL BLVD. BAYSIDE, NY 11432	UST	U003200581 N/A

Site 2 of 4 in cluster I

Relative: Higher

Actual: 70 ft.

PBS UST:

PBS Number:	2-603136	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	SHIRLEY T. SALZMAN (718) 969-3775		
Emergency Contact:	SHIRLEY T. SALZMAN (718) 969-3775		
Total Tanks:	0		
Owner:	GLS HOLDING CORP. 179-05 KILDARE RD. JAMAICA, NY 11432 (718) 380-1926		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	GLS HOLDING CORP. 179-05 KILDARE RD. JAMAICA, NY 11432 (718) 969-3775		
Tank Status:	Closed - In Place		
Capacity (gals):	2000		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	STEEL/IRON
Tank External:	NONE/PAINTED/ASPHALT COATING		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE/NONE		
Second Containment:	NONE/NATURAL LINER		
Leak Detection:	NONE/NONE		
Overfill Prot:	Vent Whistle	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	08/01/1999	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	0	Renewal Date:	Not reported
Tank Screen:	0	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	10/03/1997
Old PBS Number:	Not reported	Expiration Date:	10/02/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	Not reported		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		

I29
NNE
1/8-1/4
743 ft.

YOUNG CLEANERS INC
43-02 BELL BLVD
BAYSIDE, NY 11361

RCRA-SQG 1000314867
FINDS NYD981086721

Relative:
Higher

Actual:
70 ft.

Site 3 of 4 in cluster I

RCRAInfo:

Owner: Not reported
EPA ID: NYD981086721

Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

NY MANIFEST

Click this hyperlink while viewing on your computer to access additional NY MANIFEST detail in the EDR Site Report.

FINDS:

Other Pertinent Environmental Activity Identified at Site:
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

H30
WSW
1/8-1/4
750 ft.

209-01 NORTHERN BLVD
209001 NORTHERN BLVD
BAYSIDE, NY

LTANKS S101509032
HIST LTANKS N/A

Relative:
Lower

Actual:
61 ft.

Site 2 of 2 in cluster H

LTANKS:

Spill Number: 9416821
Facility ID : 9416821
Site ID : 130520
Spill Date: 03/28/95
Referred To : Not reported
Water Affected: Not reported
Spill Cause: TANK FAILURE
Facility Address 2: Not reported
Investigator: MCTIBBE
Caller Name: THOMAS SPRONG
Caller Phone: (203) 452-3110
Notifier Name: Not reported
Notifier Phone: Not reported
Spiller Contact: Not reported
Spiller: Not reported
Spiller Company : SAME
Spiller Address: ZZ
Spiller County : 001
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 11/22/96
Spill Notifier: OTHER
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
UST Involvement: False
Spill Record Last Update: 07/06/04
Date Spill Entered In Computer Data File: 05/03/95
Remediation Phase : 0

Region of Spill: 2
DER Facility ID : 112464
CID : Not reported
Reported to Dept: 03/28/95
DEC Region : 2
Spill Source: COMMERCIAL/INDUSTRIAL

Facility Tele: (718) 229-0200
SWIS: 4101
Caller Agency: LBG ENGINEERING
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: Not reported

209-01 NORTHERN BLVD (Continued) **S101509032**

Program Number : 9416821
Material
Material ID : 368447
Site ID : 130520
Operable Unit : 01
Operable Unit ID : 1013939
Material Code : 0022
Material Name : Waste Oil/Used Oil (Not Fuel)
Case No. : Not reported
Material FA : Petroleum
Quantity : Not reported
Units : L
Recovered : Not reported
Resource Affected - Soil : Yes
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False
Tank Test
Spill Tank Test : Not reported
Site ID : 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
DEC Remarks : Prior to Sept, 2004 data translation this spill Lead DEC Field was "TIBBE" see file. See also 9415397.
Remark: USED TO HAVE UNDERGROUND 550 TANK THAT APPARENTLY LEAKED. MARK TIBBE AWARE OF THIS.

HIST LTANKS:

Spill Number:	9416821	Region of Spill:	2
Spill Date:	03/23/1995 12:00	Reported to Dept:	03/28/95 15:22
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Resource Affectd:	On Land		
Spill Cause:	Tank Failure		
Facility Contact:	Not reported	Facility Tele:	(718) 229-0200
Investigator:	TIBBE	SWIS:	63
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
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	SAME		
Spiller Address:	Not reported		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		

209-01 NORTHERN BLVD (Continued) **S101509032**

Spill Closed Dt: 11/22/96
Spill Notifier: Other PBS Number: Not reported
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: 05/27/97
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 05/03/95
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: -1
Units: Pounds
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: WASTE OIL
Class Type: Petroleum
Chem Abstract Service Number: WASTE OIL
Last Date: 09/27/1994
Num Times Material Entry In File: 9509
DEC Remarks: 5/25/97: SEE FILE IN FIELD OFFICE
Spill Cause: USED TO HAVE UNDERGROUND 550 TANK THAT APPARENTLY LEAKED. MARK TIBBE A WARE OF THIS.

---

31 **US POSTAL SERVICE - MAIN OFFICE** **RCRA-SQG 1004762951**
North **212-35 42ND AVE** **FINDS NYR000102111**
1/8-1/4 **BAYSIDE, NY 11361**
772 ft.

Relative: RCRAInfo:
Higher Owner: CIAMPA ORGANIZATION
(718) 939-4888
Actual: EPA ID: NYR000102111
74 ft.
Contact: ROBERT BILZ
(718) 229-0699
Classification: Small Quantity Generator
TSDF Activities: Not reported

US POSTAL SERVICE - MAIN OFFICE (Continued) **1004762951**

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

---

32 NNW 1/8-1/4 807 ft. **WPH APARTMENTS INC** **UST** **U001835240**
211-01 42ND AVE **N/A**
BAYSIDE, NY 11361

Relative: Higher

Actual: 72 ft.

PBS UST:

PBS Number:	2-277541	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	WPH APARTMENTS INC (212) 873-4919		
Emergency Contact:	MR M RETTER (212) 873-4919		
Total Tanks:	1		
Owner:	WPH APARTMENTS INC 155 RIVERSIDE DRIVE NEW YORK, NY 10024 (212) 873-4919		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	WPH APARTMENTS INC 155 RIVERSIDE DRIVE NEW YORK, NY 10024 (212) 873-4919		
Tank Status:	In Service		
Capacity (gals):	6000		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	1	Pipe Type:	STEEL/IRON
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
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
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	False
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	6000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	07/07/1997
Old PBS Number:	Not reported	Expiration Date:	07/10/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	APARTMENT BUILDING		
Town or City:	NEW YORK CITY		

WPH APARTMENTS INC (Continued) U001835240

Town or City Code: 01
County Code: 63
Region: 2

---

33 WNW 1/8-1/4 817 ft. **43-18 CORPORAL KENNEDY ST**
43-18 CORPORAL KENNEDY ST
BAYSIDE, NY

LTANKS S103238511
HIST LTANKS N/A

Relative: Higher

Actual: 66 ft.

LTANKS:

Spill Number: 9508136
Facility ID : 9508136
Site ID : 256767
Spill Date: 10/02/95
Referred To : Not reported
Water Affected: Not reported
Spill Cause: TANK FAILURE
Facility Address 2: Not reported
Investigator: MCTIBBE
Caller Name: PETER BULLA
Caller Phone: (718) 545-4500
Notifier Name: SAME
Notifier Phone: Not reported
Spiller Contact: REBECCA SO
Spiller: Not reported
Spiller Company : SAME
Spiller Address: NY
Spiller County : 001
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Region of Spill: 2
DER Facility ID : 210257
CID : 05
Reported to Dept: 10/02/95
DEC Region : 2
Spill Source: PRIVATE DWELLING

Facility Tele: Not reported
SWIS: 4101
Caller Agency: PETO OIL
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: (203) 354-0158

Spill Closed Dt: / /
Spill Notifier: OTHER
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
UST Involvement: False
Spill Record Last Update: 07/20/04
Date Spill Entered In Computer Data File: 10/02/95
Remediation Phase : Not reported
Program Number : 9508136
Material
Material ID : 362590
Site ID : 256767
Operable Unit : 01
Operable Unit ID : 1022748
Material Code : 0001
Material Name : #2 Fuel Oil
Case No. : Not reported
Material FA : Petroleum
Quantity : Not reported
Units : G
Recovered : Not reported
Resource Affected - Soil : Yes
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No

43-18 CORPORAL KENNEDY ST (Continued) **S103238511**

Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False
Tank Test
Spill Tank Test : Not reported
Site ID : 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
DEC Remarks : Prior to Sept, 2004 data translation this spill Lead DEC Field was "M TIBBE" HIRED SOMEONE TO FIX THE TANK - TENANT FIRST NAME IS TOM (718)423-9770
Remark: DEFECTIVE OIL TANK LEAKING FROM TWO PLACES TANK IS 5/8 FULL 275 GALLON TANK SIZE THIS CONDITION HAS BEEN GOING ON FOR A YEAR THE OIL WAS 90 PERCENT SOAKED UP INTO CARDBOARD IN BASEMENT TANK HAS NOT BEEN FIXED YET THE OWNER IS GOING TO BE ADVISE D TO HIRE SOMEONE TO FIX THE TANK. TENANT FIRST NAME TOM 718-4239770

HIST LTANKS:
Spill Number: 9508136
Region of Spill: 2
Spill Date: 10/02/1995 20:45
Reported to Dept: 10/02/95 21:50
Water Affected: Not reported
Spill Source: Private Dwelling
Resource Affectd: On Land
Spill Cause: Tank Failure
Facility Contact: Not reported
Facility Tele: Not reported
Investigator: TIBBE
SWIS: 63
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
Spiller Contact: REBECCA SO
Spiller Phone: (203) 354-0158
Spiller: SAME
Spiller Address: Not reported
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Spill Notifier: Other
PBS Number: Not reported
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: 12/06/95
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 10/02/95
Date Region Sent Summary to Central Office: / /

43-18 CORPORAL KENNEDY ST (Continued) **S103238511**

Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 3
Units: Gallons
Unknown Qty Spilled: 3
Quantity Recovered: 0
Unknown Qty Recovered: True
Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
DEC Remarks: HIRED SOMEONE TO FIX THE TANK - TENANT FIRST NAME IS TOM 718)423-9770
Spill Cause: DEFECTIVE OIL TANK LEAKING FROM TWO PLACES TANK IS 5/8 FULL 275 GALLON TANK SIZE THIS CONDITION HAS BEEN GOING ON FOR A YEAR THE OIL WAS 90 P ERCENT SOAKED UP INTO CARDBOARD IN BASEMENT TANK HAS NOT BEEN FIXED YET THE OWNER IS GOING TO BE ADVISED TO HIRE SOMEONE TO FIX THE TANK. TENA NT FIRST NAME TOM 718-4239770

I34 **214-20 43RD AVE/NYTEL** **LTANKS S100145029**
NE **214020 43RD AVE** **HIST LTANKS N/A**
1/8-1/4 **NEW YORK CITY, NY**
832 ft.

Site 4 of 4 in cluster I

Relative: Higher

Actual: 69 ft.

LTANKS:

Spill Number:	8710251	Region of Spill:	2
Facility ID :	8710251	DER Facility ID :	171594
Site ID :	206706	CID :	Not reported
Spill Date:	03/07/88	Reported to Dept:	03/07/88
Referred To :	Not reported	DEC Region :	2
Water Affected:	Not reported	Spill Source:	COMMERCIAL/INDUSTRIAL
Spill Cause:	TANK TEST FAILURE		
Facility Address 2:	Not reported	Facility Tele:	Not reported
Investigator:	MCTIBBE	SWIS:	4101
Caller Name:	AL ROTH	Caller Agency:	FENLEY AND NICHOL
Caller Phone:	(516) 586-4900	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	Not reported		

Spiller Company : NEW YORK TELEPHONE
Spiller Address: 214-20 43RD AVE
BAYSIDE, NY
Spiller County : 001
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 11/28/95
Spill Notifier: TANK TESTER
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False

214-20 43RD AVE/NYTEL (Continued) **S100145029**

Recommended Penalty: Penalty Not Recommended
UST Involvement: False
Spill Record Last Update: 10/03/97
Date Spill Entered In Computer Data File: 03/18/88
Remediation Phase : 0
Program Number : 8710251
Material
Material ID : 462027
Site ID : 206706
Operable Unit : 01
Operable Unit ID : 915953
Material Code : 0001
Material Name : #2 Fuel Oil
Case No. : Not reported
Material FA : Petroleum
Quantity : Not reported
Units : L
Recovered : Not reported
Resource Affected - Soil : No
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : Yes
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False
Tank Test
Spill Tank Test : 7959
Site ID : 206706
Tank Number : Not reported
Tank Size : 0
Test Method : 00
Leak Rate : 0.00
Gross Fail : Not reported
Modified By : Spills
Last Modified : 10/01/04
Test Method : Unknown
DEC Remarks : Not reported
Remark: 10K TANK FAILED WITH A LEAK RATE OF -0.453GPH, WILL PUMP OUT AND SET TEMPORARY TANK IN USE.

HIST LTANKS:

Spill Number:	8710251	Region of Spill:	2
Spill Date:	03/07/1988 14:00	Reported to Dept:	03/07/88 22:00
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Resource Affectd:	Groundwater		
Spill Cause:	Tank Test Failure		
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	Tibbe	SWIS:	63
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
Spiller Contact:	Not reported	Spiller Phone:	Not reported

214-20 43RD AVE/NYTEL (Continued) S100145029

Spiller: NEW YORK TELEPHONE
Spiller Address: 214-20 43RD AVE
BAYSIDE, NY
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 11/28/95
Spill Notifier: Tank Tester PBS Number: 2-344087
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: 10/03/97
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 03/18/88
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: 0
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: -1
Units: Pounds
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
DEC Remarks: TANK CLOSED. SEE FILE. REFER TO 87-09680.
Spill Cause: 10K TANK FAILED WITH A LEAK RATE OF -0.453GPH, WILL PUMP OUT AND SET TEMPORARY TANK IN USE.

J35
ESE
1/8-1/4
846 ft.

BELL CLEANERS
45-61 BELL BLVD
BAYSIDE, NY 11361

RCRA-SQG 1004755630
FINDS NY0000139618

Site 1 of 2 in cluster J

Relative:
Higher

Actual:
66 ft.

BELL CLEANERS (Continued) **1004755630**

RCRAInfo:
Owner: ALEX CATANIA
(718) 229-3160
EPA ID: NY0000139618
Contact: ALEX CATANIA
(718) 229-3160
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
AEROMETRIC INFORMATION RETRIEVAL SYSTEM/AIRS FACILITY SYSTEM
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

J36 ESE 1/8-1/4 852 ft. **OK/BELL CLEANERS** **DRYCLEANERS** **S106436321**
45-61 BELL BOULEVARD **N/A**
BAYSIDE, NY 11361

Site 2 of 2 in cluster J

Relative: Higher
Actual: 66 ft.

Drycleaners:
Facility ID : 2-6303-00130
Region : QUEENS

K37 NE 1/8-1/4 944 ft. **BELL ATLANTIC** **LTANKS** **S103038545**
214-20 43TH AVE **HIST LTANKS** **N/A**
BAYSIDE, NY

Site 1 of 4 in cluster K

Relative: Higher
Actual: 68 ft.

LTANKS:

Spill Number:	9714517	Region of Spill:	2
Facility ID :	9714517	DER Facility ID :	145084
Site ID :	172379	CID :	281
Spill Date:	03/30/98	Reported to Dept:	03/30/98
Referred To :	Not reported	DEC Region :	2
Water Affected:	Not reported	Spill Source:	COMMERCIAL/INDUSTRIAL
Spill Cause:	TANK OVERFILL		
Facility Address 2:	Not reported	Facility Tele:	(718) 997-2470
Investigator:	MCTIBBE	SWIS:	4101
Caller Name:	LORRETTA D'ANGELO	Caller Agency:	MILRO
Caller Phone:	(516) 379-1500	Caller Extension:	Not reported
Notifier Name:	BOB GARCIA	Notifier Agency:	BELL ATLANTIC
Notifier Phone:	(718) 997-2470	Notifier Extension:	Not reported
Spiller Contact:	BOB GARCIA	Spiller Phone:	(718) 247-0
Spiller:	BOB GARCIA		
Spiller Company :	BELL ATLANTIC		
Spiller Address:	107-15 70TH ROAD FOREST HILLS, NY 11375		
Spiller County :	001		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	**04/29/98**		
Spill Notifier:	OTHER		
Cleanup Ceased:	/ /		

BELL ATLANTIC (Continued) **S103038545**

Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
UST Involvement: False
Spill Record Last Update: 05/22/98
Date Spill Entered In Computer Data File: 03/30/98
Remediation Phase : 0
Program Number : 9714517
Material
Material ID : 325475
Site ID : 172379
Operable Unit : 01
Operable Unit ID : 1060293
Material Code : 0008
Material Name : Diesel
Case No. : Not reported
Material FA : Petroleum
Quantity : 1
Units : G
Recovered : Not reported
Resource Affected - Soil : Yes
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False
Tank Test
Spill Tank Test : Not reported
Site ID : 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
DEC Remarks : Prior to Sept, 2004 data translation this spill Lead DEC Field was "TIBBE" CLEANED BY RP.
Remark: TANK OVERFILL AT ABOVE LOCATION. CREW ON WAY FOR CLEAN UP. ALL MATERIAL IS EXPECTED TO BE RECOVERED. NO CALL BACK REQUESTED.

HIST LTANKS:

Spill Number:	9714517	Region of Spill:	2
Spill Date:	03/30/1998 14:30	Reported to Dept:	03/30/98 15:08
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Resource Affectd:	On Land		
Spill Cause:	Tank Overfill		
Facility Contact:	BOB GARCIA	Facility Tele:	(718) 997-2470
Investigator:	TIBBE	SWIS:	63
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported

BELL ATLANTIC (Continued) **S103038545**

Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Spiller Contact: BOB GARCIA
Spiller Phone: (718) 247-0
Spiller: BELL ATLANTIC
Spiller Address: 107-15 70TH ROAD
FOREST HILLS, NY 11375
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 04/29/98
Spill Notifier: Other
PBS Number: Not reported
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: 05/22/98
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 03/30/98
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 100
Units: Gallons
Unknown Qty Spilled: 100
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: DIESEL
Class Type: Petroleum
Chem Abstract Service Number: DIESEL
Last Date: 07/28/1994
Num Times Material Entry In File: 10625
DEC Remarks: CLEANED BY RP.
Spill Cause: TANK OVERFILL AT ABOVE LOCATION. CREW ON WAY FOR CLEAN UP. ALL MATERIAL IS EXPECTED TO BE RECOVERED. NO CALL BACK REQUESTED.

K38
NE
1/8-1/4
944 ft.

Relative:
Higher

Actual:
68 ft.

BELL ATLANTIC
214-20 43RD AVENUE
BAYSIDE, NY 11361

UST U003074724
AST N/A

Site 2 of 4 in cluster K

PBS UST:
PBS Number: 2-344087
CBS Number: Not reported
SPDES Number: Not reported
SWIS ID: 6301
Operator: BELL ATLANTIC
(800) 339-6144
Emergency Contact: BELL ATLANTIC
(800) 386-9639

BELL ATLANTIC (Continued) **U003074724**

Total Tanks:	2		
Owner:	BELL ATLANTIC 221 EAST 37TH STREET, 4TH FLOOR NEW YORK, NY 10016 (800) 339-6144		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	New York Telephone		
Mailing Address:	BELL ATLANTIC ATTN: KATHLEEN TOBIN 221 E 37TH STRET, 4TH FLOOR NY, NY 10016 (212) 338-6731		
Tank Status:	In Service		
Capacity (gals):	4000		
Tank Location:	UNDERGROUND		
Tank Id:	005	Install Date:	03/01/1989
Tank Type:	Fiberglass coated steel	Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Internal:	FIBERGLASS LINER [FRP]	Pipe Internal:	FIBERGLASS LINER [FRP]
Pipe Location:	Underground	Pipe Type:	FIBERGLASS [FRP]
Tank External:	NONE/FIBERGLASS		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE/FIBERGLASS		
Second Containment:	NONE/DOUBLED-WALLED TANK		
Leak Detection:	INTERSTITIAL MONITORING/IN-TANK SYSTEM		
Overfill Prot:	High Level Alarm, Catch Basin	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	11500	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	05/27/1999
Old PBS Number:	Not reported	Expiration Date:	12/14/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	UTILITY		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		
PBS Number:	2-344087	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	BELL ATLANTIC (800) 339-6144		
Emergency Contact:	BELL ATLANTIC (800) 386-9639		
Total Tanks:	2		
Owner:	BELL ATLANTIC 221 EAST 37TH STREET, 4TH FLOOR NEW YORK, NY 10016 (800) 339-6144		
Owner Type:	Corporate/Commercial		

BELL ATLANTIC (Continued) **U003074724**

Owner Mark:	First Owner		
Owner Subtype:	New York Telephone		
Mailing Address:	BELL ATLANTIC ATTN: KATHLEEN TOBIN 221 E 37TH STRET, 4TH FLOOR NY, NY 10016 (212) 338-6731		
Tank Status:	Closed - Removed		
Capacity (gals):	7500		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	KEROSENE
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	1	Pipe Type:	STEEL/IRON
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE		
Leak Detection:	NONE		
Overfill Prot:	2	Dispenser:	Suction
Date Tested:	01/01/1992	Next Test Date:	Not reported
Date Closed:	05/01/1993	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	11500	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	05/27/1999
Old PBS Number:	Not reported	Expiration Date:	12/14/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	UTILITY		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		
PBS Number:	2-344087	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	BELL ATLANTIC (800) 339-6144		
Emergency Contact:	BELL ATLANTIC (800) 386-9639		
Total Tanks:	2		
Owner:	BELL ATLANTIC 221 EAST 37TH STREET, 4TH FLOOR NEW YORK, NY 10016 (800) 339-6144		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	New York Telephone		
Mailing Address:	BELL ATLANTIC ATTN: KATHLEEN TOBIN 221 E 37TH STRET, 4TH FLOOR NY, NY 10016		

BELL ATLANTIC (Continued) **U003074724**

(212) 338-6731

Tank Status:	Closed - Removed		
Capacity (gals):	10000		
Tank Location:	UNDERGROUND		
Tank Id:	002	Install Date:	03/01/1989
Tank Type:	Not reported	Product Stored:	Not reported
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	Not reported	Pipe Type:	Not reported
Tank External:	Not reported		
Missing Data for Tank:	Major Data Missing (which is on the certificate)		
Pipe External:	Not reported		
Second Containment:	Not reported		
Leak Detection:	Not reported		
Overfill Prot:	Not reported	Dispenser:	Not reported
Date Tested:	03/01/1988	Next Test Date:	Not reported
Date Closed:	03/01/1989	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	11500	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	05/27/1999
Old PBS Number:	Not reported	Expiration Date:	12/14/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	UTILITY		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		

PBS AST:

PBS Number:	2-344087	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS Code:	6301
Federal ID:	Not reported	Previous PBS#:	Not reported
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 Type:	UTILITY		
Owner Type:	Corporate/Commercial		
Owner Sub Type:	New York Telephone		
Owner:	BELL ATLANTIC 221 EAST 37TH STREET, 4TH FLOOR NEW YORK, NY 10016		
Owner Phone:	(800) 339-6144		
Facility Phone:	(800) 339-6144		
Operator:	BELL ATLANTIC		
Emergency Name:	BELL ATLANTIC		
Emergency Phone:	(800) 386-9639		
Total Tanks:	2		
Total Capacity:	11500		
Tank ID:	004		
Capacity (Gal):	7500		
Missing Data for Tank :	No data missing		
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE		
Product Stored:	KEROSENE		
Tank Type:	Steel/carbon steel		

BELL ATLANTIC (Continued) **U003074724**

Install Date:	08/01/1983		
Tank Internal:	NONE		
Tank External:	NONE/PAINTED/ASPHALT COATING		
Tank Containment:	NONE/VAULT		
Pipe Type:	STEEL/IRON		
Pipe Location:	Aboveground		
Pipe Internal:	NONE		
Pipe External:	NONE/NONE		
Leak Detection:	INTERSTITIAL MONITORING/IN-TANK SYSTEM		
Overfill Protection:	High Level Alarm, Catch Basin		
Dispenser Method:	None		
Date Tested:	/ /	Next Test Date:	/ /
Date Closed:	/ /	Test Method:	Not reported
Updated:	True	Deleted:	False
Date Inspected:	Not reported	Inspector:	Not reported
Result of Inspection:	Not reported		
Mailing Name:	BELL ATLANTIC		
Mailing Address:	221 E 37TH STRET, 4TH FLOOR NY, NY 10016		
Mailing Contact:	KATHLEEN TOBIN		
Mailing Telephone:	(212) 338-6731		
Owner Mark:	First Owner	Expiration Date:	12/14/2002
Certification Flag:	False	Certification Date:	05/27/1999
Renew Flag:	False	Renew Date:	/ /
Lat/Long:	Not reported		
Dead Letter:	False		
Facility Screen:	No data missing		
Owner Screen:	No data missing		
Tank Screen:	No data missing		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		

Fiscal Amount for Registration Fee is Correct: True

L39
WSW
1/8-1/4
949 ft.

HELMS BROS INC
208-24 NORTHERN BLVD
BAYSIDE, NY 11361

RCRA-SQG 1000303050
FINDS NYD981491913
UST
AST

Site 1 of 4 in cluster L

Relative:
Lower

Actual:
62 ft.

RCRAInfo:

Owner:	MR DOUGLAS CALLAHAN (212) 555-1212
EPA ID:	NYD981491913
Contact:	Not reported
Classification:	Small Quantity Generator
TSDF Activities:	Not reported

HELMS BROS INC (Continued) **1000303050**

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

PBS UST:

PBS Number:	2-007544	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	DOUGLAS CALLAHAN (718) 631-8181		
Emergency Contact:	KEVIN J SIMPSON (718) 631-8181		
Total Tanks:	2		
Owner:	DOUGLAS CALLAHAN 208-24 NORTHERN VLVD BAYSIDE NEW YORK, NY 11361 (718) 631-8181		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	HELMS BROS INC. ATTN: TERESA VISSICHELLI 208-24 NORTHERN VLVD BAYSIDE, NY 11361 (718) 631-8181		
Tank Status:	Closed - In Place		
Capacity (gals):	2000		
Tank Location:	UNDERGROUND		
Tank Id:	1	Install Date:	06/01/1978
Tank Type:	Steel/carbon steel	Product Stored:	OTHER
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	Not reported	Pipe Type:	Not reported
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	Not reported		
Leak Detection:	NONE		
Overfill Prot:	2	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	03/01/1998	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	500	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	04/21/1998
Old PBS Number:	Not reported	Expiration Date:	10/23/1997
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	OTHER RETAIL SALES		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		

HELMS BROS INC (Continued) 1000303050

PBS Number:	2-007544	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	DOUGLAS CALLAHAN (718) 631-8181		
Emergency Contact:	KEVIN J SIMPSON (718) 631-8181		
Total Tanks:	2		
Owner:	DOUGLAS CALLAHAN 208-24 NORTHERN VLVD BAYSIDE NEW YORK, NY 11361 (718) 631-8181		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	HELMS BROS INC. ATTN: TERESA VISSICHELLI 208-24 NORTHERN VLVD BAYSIDE, NY 11361 (718) 631-8181		
Tank Status:	Closed - In Place		
Capacity (gals):	500		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	04/01/1989
Tank Type:	Steel/carbon steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	None	Pipe Type:	GALVANIZED STEEL
Tank External:	FIBERGLASS		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE		
Second Containment:	NONE		
Leak Detection:	NONE		
Overfill Prot:	Product Level Gauge	Dispenser:	Suction
Date Tested:	03/01/1989	Next Test Date:	Not reported
Date Closed:	07/01/1993	Test Method:	PETRO-TITE
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	500	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	04/21/1998
Old PBS Number:	Not reported	Expiration Date:	10/23/1997
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	OTHER RETAIL SALES		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		

PBS Number:	2-007544	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	DOUGLAS CALLAHAN (718) 631-8181		
Emergency Contact:	KEVIN J SIMPSON		

HELMS BROS INC (Continued) **1000303050**

(718) 631-8181
Total Tanks: 2
Owner: DOUGLAS CALLAHAN
208-24 NORTHERN VLVD
BAYSIDE NEW YORK, NY 11361
(718) 631-8181
Owner Type: Corporate/Commercial
Owner Mark: First Owner
Owner Subtype: Not reported
Mailing Address: HELMS BROS INC.
ATTN: TERESA VISSICHELLI
208-24 NORTHERN VLVD
BAYSIDE, NY 11361
(718) 631-8181
Tank Status: Closed - In Place
Capacity (gals): 500
Tank Location: UNDERGROUND
Tank Id: 002
Tank Type: Steel/carbon steel
Tank Internal: NONE
Pipe Location: None
Tank External: NONE/FIBERGLASS
Missing Data for Tank: No Missing Data
Pipe External: NONE
Second Containment: NONE
Leak Detection: NONE
Overfill Prot: Product Level Gauge
Date Tested: Not reported
Date Closed: 07/01/1993
Deleted: False
Dead Letter: False
FAMT: Fiscal amount for registration fee is correct
Total Capacity: 500
Tank Screen: No data missing
Renew Flag: Renwal has not been printed
Certification Flag: False
Old PBS Number: Not reported
Inspected Date: Not reported
Inspection Result: Not reported
Lat/long: Not reported
Facility Type: OTHER RETAIL SALES
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 63
Region: 2

Install Date: 04/01/1989
Product Stored: OTHER
Pipe Internal: NONE
Pipe Type: STEEL/IRON

Dispenser: Suction
Next Test Date: Not reported
Test Method: Not reported
Updated: True
Owner Screen: Minor data missing

Renewal Date: Not reported
Federal ID: Not reported
Facility Screen: No data missing
Certification Date: 04/21/1998
Expiration Date: 10/23/1997
Inspector: Not reported

PBS Number: 2-007544
SPDES Number: Not reported
Operator: DOUGLAS CALLAHAN
(718) 631-8181
Emergency Contact: KEVIN J SIMPSON
(718) 631-8181
Total Tanks: 2
Owner: DOUGLAS CALLAHAN
208-24 NORTHERN VLVD
BAYSIDE NEW YORK, NY 11361
(718) 631-8181

CBS Number: Not reported
SWIS ID: 6301

HELMS BROS INC (Continued) **1000303050**

Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	HELMS BROS INC. ATTN: TERESA VISSICHELLI 208-24 NORTHERN VLVD BAYSIDE, NY 11361 (718) 631-8181		
Tank Status:	Closed - In Place		
Capacity (gals):	500		
Tank Location:	UNDERGROUND		
Tank Id:	003	Install Date:	04/01/1977
Tank Type:	Steel/carbon steel	Product Stored:	OTHER
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	1	Pipe Type:	STEEL/IRON
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE		
Leak Detection:	NONE		
Overfill Prot:	Product Level Gauge	Dispenser:	Gravity
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	07/01/1993	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	500	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	04/21/1998
Old PBS Number:	Not reported	Expiration Date:	10/23/1997
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	OTHER RETAIL SALES		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		
PBS Number:	2-007544	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	DOUGLAS CALLAHAN (718) 631-8181		
Emergency Contact:	KEVIN J SIMPSON (718) 631-8181		
Total Tanks:	2		
Owner:	DOUGLAS CALLAHAN 208-24 NORTHERN VLVD BAYSIDE NEW YORK, NY 11361 (718) 631-8181		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	HELMS BROS INC. ATTN: TERESA VISSICHELLI 208-24 NORTHERN VLVD		

HELMS BROS INC (Continued) **1000303050**

BAYSIDE, NY 11361
(718) 631-8181

Tank Status:	Closed - In Place		
Capacity (gals):	250		
Tank Location:	UNDERGROUND		
Tank Id:	004	Install Date:	04/01/1993
Tank Type:	Steel/carbon steel	Product Stored:	OTHER
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	None	Pipe Type:	STEEL/IRON
Tank External:	NONE		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE		
Second Containment:	NONE		
Leak Detection:	NONE		
Overfill Prot:	Product Level Gauge	Dispenser:	Gravity
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	07/01/1993	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	500	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	04/21/1998
Old PBS Number:	Not reported	Expiration Date:	10/23/1997
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	OTHER RETAIL SALES		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		

This is the most recent NY PBS data for this site.

Click this hyperlink while viewing on your computer to access
2 additional NY PBS record(s) in the EDR Site Report.

PBS AST:

PBS Number:	2-007544	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS Code:	6301
Federal ID:	Not reported	Previous PBS#:	Not reported
Facility Status:	4 - Subpart 360-14 only (active)		
Facility Type:	OTHER RETAIL SALES		
Owner Type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Owner:	DOUGLAS CALLAHAN 208-24 NORTHERN VLVD BAYSIDE NEW YORK, NY 11361		
Owner Phone:	(718) 631-8181		
Facility Phone:	(718) 631-8181		
Operator:	DOUGLAS CALLAHAN		
Emergency Name:	KEVIN J SIMPSON		
Emergency Phone:	(718) 631-8181		
Total Tanks:	2		
Total Capacity:	500		
Tank ID:	007		

HELMS BROS INC (Continued) **1000303050**

Capacity (Gal):	250		
Missing Data for Tank :	No data missing		
Tank Location:	ABOVEGROUND		
Product Stored:	DIESEL		
Tank Type:	Steel/carbon steel		
Install Date:	05/01/1991		
Tank Internal:	NONE		
Tank External:	NONE		
Tank Containment:	NONE		
Pipe Type:	STEEL/IRON		
Pipe Location:	None		
Pipe Internal:	NONE		
Pipe External:	NONE		
Leak Detection:	NONE		
Overfill Protection:	Product Level Gauge		
Dispenser Method:	Gravity		
Date Tested:	/ /	Next Test Date:	/ /
Date Closed:	07/01/1993	Test Method:	Not reported
Updated:	True	Deleted:	False
Date Inspected:	Not reported	Inspector:	Not reported
Result of Inspection:	Not reported		
Mailing Name:	HELMS BROS INC.		
Mailing Address:	208-24 NORTHERN VLVD BAYSIDE, NY 11361		
Mailing Contact:	TERESA VISSICHELLI		
Mailing Telephone:	(718) 631-8181		
Owner Mark:	First Owner	Expiration Date:	10/23/1997
Certification Flag:	False	Certification Date:	04/21/1998
Renew Flag:	False	Renew Date:	/ /
Lat/Long:	Not reported		
Dead Letter:	False		
Facility Screen:	No data missing		
Owner Screen:	Minor data missing		
Tank Screen:	No data missing		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		

Fiscal Amount for Registration Fee is Correct: True

PBS Number:	2-007544	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS Code:	6301
Federal ID:	Not reported	Previous PBS#:	Not reported
Facility Status:	4 - Subpart 360-14 only (active)		
Facility Type:	OTHER RETAIL SALES		
Owner Type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Owner:	DOUGLAS CALLAHAN 208-24 NORTHERN VLVD BAYSIDE NEW YORK, NY 11361		
Owner Phone:	(718) 631-8181		
Facility Phone:	(718) 631-8181		
Operator:	DOUGLAS CALLAHAN		
Emergency Name:	KEVIN J SIMPSON		
Emergency Phone:	(718) 631-8181		
Total Tanks:	2		
Total Capacity:	500		

HELMS BROS INC (Continued) **1000303050**

Tank ID:	008		
Capacity (Gal):	250		
Missing Data for Tank :	No data missing		
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE		
Product Stored:	USED OIL		
Tank Type:	Steel/carbon steel		
Install Date:	05/01/1991		
Tank Internal:	NONE		
Tank External:	PAINTED/ASPHALT COATING		
Tank Containment:	CONCRETE DIKE		
Pipe Type:	STEEL/IRON		
Pipe Location:	Aboveground		
Pipe Internal:	NONE		
Pipe External:	NONE		
Leak Detection:	CONCRETE PAD WITH CHANNELS		
Overfill Protection:	Product Level Gauge		
Dispenser Method:	Gravity		
Date Tested:	/ /	Next Test Date:	/ /
Date Closed:	/ /	Test Method:	Not reported
Updated:	True	Deleted:	False
Date Inspected:	Not reported	Inspector:	Not reported
Result of Inspection:	Not reported		
Mailing Name:	HELMS BROS INC.		
Mailing Address:	208-24 NORTHERN VLVD BAYSIDE, NY 11361		
Mailing Contact:	TERESA VISSICHELLI		
Mailing Telephone:	(718) 631-8181		
Owner Mark:	First Owner	Expiration Date:	10/23/1997
Certification Flag:	False	Certification Date:	04/21/1998
Renew Flag:	False	Renew Date:	/ /
Lat/Long:	Not reported		
Dead Letter:	False		
Facility Screen:	No data missing		
Owner Screen:	Minor data missing		
Tank Screen:	No data missing		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		

Fiscal Amount for Registration Fee is Correct: True

PBS Number:	2-007544	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS Code:	6301
Federal ID:	Not reported	Previous PBS#:	Not reported
Facility Status:	4 - Subpart 360-14 only (active)		
Facility Type:	OTHER RETAIL SALES		
Owner Type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Owner:	DOUGLAS CALLAHAN 208-24 NORTHERN VLVD BAYSIDE NEW YORK, NY 11361		
Owner Phone:	(718) 631-8181		
Facility Phone:	(718) 631-8181		
Operator:	DOUGLAS CALLAHAN		
Emergency Name:	KEVIN J SIMPSON		
Emergency Phone:	(718) 631-8181		
Total Tanks:	2		

HELMS BROS INC (Continued) — **1000303050**

Total Capacity:	500		
Tank ID:	009		
Capacity (Gal):	250		
Missing Data for Tank :	No data missing		
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE		
Product Stored:	USED OIL		
Tank Type:	Steel/carbon steel		
Install Date:	05/01/1991		
Tank Internal:	NONE		
Tank External:	PAINTED/ASPHALT COATING		
Tank Containment:	CONCRETE DIKE		
Pipe Type:	STEEL/IRON		
Pipe Location:	Aboveground		
Pipe Internal:	NONE		
Pipe External:	NONE		
Leak Detection:	CONCRETE PAD WITH CHANNELS		
Overfill Protection:	Product Level Gauge		
Dispenser Method:	Gravity		
Date Tested:	/ /	Next Test Date:	/ /
Date Closed:	/ /	Test Method:	Not reported
Updated:	True	Deleted:	False
Date Inspected:	Not reported	Inspector:	Not reported
Result of Inspection:	Not reported		
Mailing Name:	HELMS BROS INC.		
Mailing Address:	208-24 NORTHERN VLVD BAYSIDE, NY 11361		
Mailing Contact:	TERESA VISSICHELLI		
Mailing Telephone:	(718) 631-8181		
Owner Mark:	First Owner	Expiration Date:	10/23/1997
Certification Flag:	False	Certification Date:	04/21/1998
Renew Flag:	False	Renew Date:	/ /
Lat/Long:	Not reported		
Dead Letter:	False		
Facility Screen:	No data missing		
Owner Screen:	Minor data missing		
Tank Screen:	No data missing		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		

Fiscal Amount for Registration Fee is Correct: True

L40 WSW 1/8-1/4 949 ft. — **NORTHERN BOULEVARD DODGE**
209-01/35 NORTHERN BOULEVARD
BAYSIDE, NY 11361

UST — U003031040 / N/A

Site 2 of 4 in cluster L

Relative: Lower
Actual: 62 ft.

PBS UST:

PBS Number:	2-602554	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	ANGELO ZANETTI (718) 229-0200		
Emergency Contact:	MICHAEL QUICK (718) 229-8700		
Total Tanks:	1		
Owner:	CHRYSLER REALTY CORPORATION 1450 WEST LONG LAKE ROAD TROY, MI 48098		

NORTHERN BOULEVARD DODGE (Continued) **U003031040**

(810) 952-1200
Owner Type: Corporate/Commercial
Owner Mark: First Owner
Owner Subtype: Not reported
Mailing Address: CHRYSLER REALTY CORPORATION
ATTN: MR. JOSEPH FRANCOMANO
19 TEMPO ROAD
NEW CITY, NY 10956
(810) 952-1200
Tank Status: Closed - Removed
Capacity (gals): 275
Tank Location: UNDERGROUND
Tank Id: 1
Tank Type: Steel/carbon steel
Tank Internal: NONE
Pipe Location: Aboveground
Tank External: NONE/NONE
Missing Data for Tank: No Missing Data
Pipe External: NONE/NONE
Second Containment: NONE/NONE
Leak Detection: NONE/NONE
Overfill Prot: None
Date Tested: Not reported
Date Closed: Not reported
Deleted: False
Dead Letter: False
FAMT: Fiscal amount for registration fee is correct
Total Capacity: 1100
Tank Screen: No data missing
Renew Flag: Renwal has not been printed
Certification Flag: False
Old PBS Number: Not reported
Inspected Date: Not reported
Inspection Result: Not reported
Lat/long: Not reported
Facility Type: OTHER
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 63
Region: 2

Install Date: 06/01/1995
Product Stored: OTHER
Pipe Internal: NONE
Pipe Type: STEEL/IRON
Dispenser: Suction
Next Test Date: Not reported
Test Method: Not reported
Updated: True
Owner Screen: No data missing
Renewal Date: Not reported
Federal ID: Not reported
Facility Screen: No data missing
Certification Date: Not reported
Expiration Date: 11/22/2000
Inspector: Not reported

PBS Number: 2-602554
SPDES Number: Not reported
Operator: ANGELO ZANETTI
(718) 229-0200
Emergency Contact: MICHAEL QUICK
(718) 229-8700
Total Tanks: 1
Owner: CHRYSLER REALTY CORPORATION
1450 WEST LONG LAKE ROAD
TROY, MI 48098
(810) 952-1200
Owner Type: Corporate/Commercial
Owner Mark: First Owner
Owner Subtype: Not reported
Mailing Address: CHRYSLER REALTY CORPORATION
ATTN: MR. JOSEPH FRANCOMANO

CBS Number: Not reported
SWIS ID: 6301

NORTHERN BOULEVARD DODGE (Continued) **U003031040**

19 TEMPO ROAD
NEW CITY, NY 10956
(810) 952-1200

Tank Status:	Closed - Removed		
Capacity (gals):	275		
Tank Location:	UNDERGROUND		
Tank Id:	2	Install Date:	06/01/1995
Tank Type:	Steel/carbon steel	Product Stored:	OTHER
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Tank External:	NONE/NONE		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE/NONE		
Second Containment:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Prot:	None	Dispenser:	Gravity
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	1100	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	Not reported
Old PBS Number:	Not reported	Expiration Date:	11/22/2000
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	OTHER		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		
PBS Number:	2-602554	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	ANGELO ZANETTI (718) 229-0200		
Emergency Contact:	MICHAEL QUICK (718) 229-8700		
Total Tanks:	1		
Owner:	CHRYSLER REALTY CORPORATION 1450 WEST LONG LAKE ROAD TROY, MI 48098 (810) 952-1200		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	CHRYSLER REALTY CORPORATION ATTN: MR. JOSEPH FRANCOMANO 19 TEMPO ROAD NEW CITY, NY 10956 (810) 952-1200		
Tank Status:	Closed - In Place		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		

NORTHERN BOULEVARD DODGE (Continued) **U003031040**

Tank Id:	3	Install Date:	06/01/1991
Tank Type:	Steel/carbon steel	Product Stored:	KEROSENE
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Tank External:	NONE/NONE		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE/NONE		
Second Containment:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Prot:	None	Dispenser:	Gravity
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	1100	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	Not reported
Old PBS Number:	Not reported	Expiration Date:	11/22/2000
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	OTHER		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		

PBS Number:	2-602554	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	ANGELO ZANETTI (718) 229-0200		
Emergency Contact:	MICHAEL QUICK (718) 229-8700		
Total Tanks:	1		
Owner:	CHRYSLER REALTY CORPORATION 1450 WEST LONG LAKE ROAD TROY, MI 48098 (810) 952-1200		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	CHRYSLER REALTY CORPORATION ATTN: MR. JOSEPH FRANCOMANO 19 TEMPO ROAD NEW CITY, NY 10956 (810) 952-1200		
Tank Status:	Closed - In Place		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	4	Install Date:	06/01/1991
Tank Type:	Steel/carbon steel	Product Stored:	KEROSENE
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Tank External:	NONE/NONE		
Missing Data for Tank:	No Missing Data		

NORTHERN BOULEVARD DODGE (Continued) **U003031040**

Pipe External:	NONE/NONE		
Second Containment:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Prot:	None	Dispenser:	Gravity
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	1100	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	Not reported
Old PBS Number:	Not reported	Expiration Date:	11/22/2000
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	OTHER		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		

PBS Number:	2-602554	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	ANGELO ZANETTI (718) 229-0200		
Emergency Contact:	MICHAEL QUICK (718) 229-8700		
Total Tanks:	1		
Owner:	CHRYSLER REALTY CORPORATION 1450 WEST LONG LAKE ROAD TROY, MI 48098 (810) 952-1200		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	CHRYSLER REALTY CORPORATION ATTN: MR. JOSEPH FRANCOMANO 19 TEMPO ROAD NEW CITY, NY 10956 (810) 952-1200		
Tank Status:	Temporarily Out of Service		
Capacity (gals):	1100		
Tank Location:	UNDERGROUND		
Tank Id:	5	Install Date:	12/01/1949
Tank Type:	Steel/carbon steel	Product Stored:	LEADED GASOLINE
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Tank External:	NONE/NONE		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE/NONE		
Second Containment:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Prot:	None	Dispenser:	Gravity
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported

NORTHERN BOULEVARD DODGE (Continued) — **U003031040**

Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	1100	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	Not reported
Old PBS Number:	Not reported	Expiration Date:	11/22/2000
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	OTHER		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		

L41 WSW 1/8-1/4 949 ft. — **HELMS BROTHERS INC.** — **UST** — **U000102266 N/A**
208-24 NORTHERN BOULEVARD
BAYSIDE, NY 11361

Site 3 of 4 in cluster L

Relative: Lower
Actual: 62 ft.

PBS UST:

PBS Number:	2-188395	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	TERESA VISSICHELLI (718) 631-8181		
Emergency Contact:	EXXON COMPANY USA (800) 992-3647		
Total Tanks:	0		
Owner:	HELMS BROTHERS INC. 208-24 NORTHERN BOULEVARD BAYSIDE, NY 11361 (718) 631-8181		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	HELMS BROTHERS INC. ATTN: DOUGLAS CALLAHAN 208-24 NORTHERN BOULEVARD BAYSIDE, NY 11361 (718) 631-8181		
Tank Status:	Closed - In Place		
Capacity (gals):	2000		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	03/01/1998
Tank Type:	Steel/carbon steel	Product Stored:	LUBE OIL
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	GALVANIZED STEEL
Tank External:	NONE/PAINTED/ASPHALT COATING		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE/NONE		
Second Containment:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Prot:	Product Level Gauge	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	12/01/1980	Test Method:	Not reported
Deleted:	False	Updated:	True

HELMS BROTHERS INC. (Continued) **U000102266**

Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	0	Renewal Date:	Not reported
Tank Screen:	0	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	03/03/1995
Old PBS Number:	Not reported	Expiration Date:	02/03/1998
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	OTHER		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		

PBS Number:	2-188395	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	TERESA VISSICHELLI (718) 631-8181		
Emergency Contact:	EXXON COMPANY USA (800) 992-3647		
Total Tanks:	0		
Owner:	HELMS BROTHERS INC. 208-24 NORTHERN BOULEVARD BAYSIDE, NY 11361 (718) 631-8181		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	HELMS BROTHERS INC. ATTN: DOUGLAS CALLAHAN 208-24 NORTHERN BOULEVARD BAYSIDE, NY 11361 (718) 631-8181		
Tank Status:	Closed Prior to 04/91 (Either Closed In-Place or Removed)		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	002	Install Date:	12/01/1972
Tank Type:	Steel/carbon steel	Product Stored:	OTHER
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	2	Pipe Type:	GALVANIZED STEEL
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	VAULT		
Leak Detection:	NONE		
Overfill Prot:	2	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	False
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	0	Renewal Date:	Not reported
Tank Screen:	0	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	03/03/1995

HELMS BROTHERS INC. (Continued) **U000102266**

Old PBS Number:	Not reported	Expiration Date:	02/03/1998
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	OTHER		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		

L42
WSW
1/8-1/4
949 ft.

Relative:
Lower

Actual:
62 ft.

NORTHERN BLVD DODGE — **RCRA-SQG** **1000705382**
209-01 NORTHERN BLVD — **FINDS** **NYD042782367**
BAYSIDE, NY 11361

Site 4 of 4 in cluster L

RCRAInfo:

Owner:	NORTHERN BLVD DODGE INC (718) 229-0200
EPA ID:	NYD042782367
Contact:	Not reported
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

K43
NE
1/8-1/4
960 ft.

Relative:
Higher

Actual:
68 ft.

N.Y. TELEPHONE — **LTANKS** **S100167508**
43RD. AVENUE — **HIST LTANKS** **N/A**
BAYSIDE, NY

Site 3 of 4 in cluster K

LTANKS:

Spill Number:	8709680	Region of Spill:	2
Facility ID :	8709680	DER Facility ID :	199128
Site ID :	242327	CID :	Not reported
Spill Date:	02/16/88	Reported to Dept:	02/16/88
Referred To :	Not reported	DEC Region :	2
Water Affected:	Not reported	Spill Source:	COMMERCIAL/INDUSTRIAL
Spill Cause:	TANK TEST FAILURE		
Facility Address 2:	Not reported	Facility Tele:	Not reported
Investigator:	MCTIBBE	SWIS:	4101
Caller Name:	GREG FASCANO	Caller Agency:	FENLEY&NICHOLS
Caller Phone:	(516) 586-4900	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	Not reported		
Spiller Company :	NEW YORK TELEPHONE		
Spiller Address:	43RD AVENUE QUEENS, NY		
Spiller County :	001		

N.Y. TELEPHONE (Continued) **S100167508**

Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 11/28/95
Spill Notifier: TANK TESTER
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
UST Involvement: False
Spill Record Last Update: 12/31/03
Date Spill Entered In Computer Data File: 02/23/88
Remediation Phase : 0
Program Number : 8709680
Material
Material ID : 461471
Site ID : 242327
Operable Unit : 01
Operable Unit ID : 914720
Material Code : 0001
Material Name : #2 Fuel Oil
Case No. : Not reported
Material FA : Petroleum
Quantity : Not reported
Units : G
Recovered : Not reported
Resource Affected - Soil : No
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : Yes
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False
Tank Test
Spill Tank Test : 7805
Site ID : 242327
Tank Number : Not reported
Tank Size : 0
Test Method : 00
Leak Rate : 0.00
Gross Fail : Not reported
Modified By : Spills
Last Modified : 10/01/04
Test Method : Unknown
DEC Remarks : Not reported
Remark: 10,000 GALLON TANK FAILED BY -0.552 GPH LEAK RATE.

HIST LTANKS:
Spill Number: 8709680
Spill Date: 02/16/1988 16:30
Water Affected: Not reported
Resource Affectd: Groundwater
Spill Cause: Tank Test Failure
Facility Contact: Not reported
Region of Spill: 2
Reported to Dept: 02/16/88 16:45
Spill Source: Other Commercial/Industrial
Facility Tele: Not reported

N.Y. TELEPHONE (Continued) **S100167508**

Investigator: Tibbe
SWIS: 63
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
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller: NEW YORK TELEPHONE
Spiller Address: 43RD AVENUE
QUEENS, NY
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 11/28/95
Spill Notifier: Tank Tester
PBS Number: 2-344087
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: 10/03/97
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 02/23/88
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: 0
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: -1
Units: Gallons
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
DEC Remarks: 02/16/88: PUMPING OUT THE TANK AND REMOVING THE TANK. TANK CLOSED. SEE FILE. REFER TO 87-10251.
Spill Cause: 10,000 GALLON TANK FAILED BY -0.552 GPH LEAK RATE.

K44 NE 1/8-1/4 1020 ft. | **214-32 43RD AVENUE, LLC** | **AST** | **U003386530** **N/A**

214-32 43RD AVENUE
BAYSIDE, NY 11361

Site 4 of 4 in cluster K

Relative: Higher

Actual: 69 ft.

PBS AST:

PBS Number:	2-239429	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS Code:	6301
Federal ID:	Not reported	Previous PBS#:	Not reported
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 Type:	APARTMENT BUILDING		
Owner Type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Owner:	214-3243RD AVENUE L.L.C. 525 NORTHERN BOULEVARD #300 PO BOX 420 GREAT NECK, NY 11021		
Owner Phone:	(516) 829-7300		
Facility Phone:	(718) 279-4064		
Operator:	JOHN O'FARREL		
Emergency Name:	FRANK ZOVICH		
Emergency Phone:	(516) 829-7300		
Total Tanks:	1		
Total Capacity:	5000		
Tank ID:	001		
Capacity (Gal):	5000		
Missing Data for Tank :	Minor data missing		
Tank Location:	ABOVEGROUND		
Product Stored:	NOS 5 OR 6 FUEL OIL		
Tank Type:	Steel/carbon steel		
Install Date:	/ /		
Tank Internal:	Not reported		
Tank External:	Not reported		
Tank Containment:	VAULT		
Pipe Type:	STEEL/IRON		
Pipe Location:	Not reported		
Pipe Internal:	Not reported		
Pipe External:	Not reported		
Leak Detection:	NONE		
Overfill Protection:	Product Level Gauge		
Dispenser Method:	Suction		
Date Tested:	/ /	Next Test Date:	/ /
Date Closed:	/ /	Test Method:	Not reported
Updated:	False	Deleted:	False
Date Inspected:	Not reported	Inspector:	Not reported
Result of Inspection:	Not reported		
Mailing Name:	214-3243RD AVENUE LLC		
Mailing Address:	525 NORTHERN BOULEVARD #300 PO BOX 420 GREAT NECK, NY 11021		
Mailing Contact:	FRANK ZOVICH		
Mailing Telephone:	(516) 829-7300		
Owner Mark:	First Owner	Expiration Date:	07/07/2002
Certification Flag:	False	Certification Date:	08/19/1997
Renew Flag:	False	Renew Date:	/ /
Lat/Long:	Not reported		
Dead Letter:	False		
Facility Screen:	No data missing		
Owner Screen:	No data missing		

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number

214-32 43RD AVENUE, LLC (Continued) — **U003386530**

Tank Screen: Minor data missing
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 63
Region: 2
Fiscal Amount for Registration Fee is Correct: True

M45 NNE 1/8-1/4 1024 ft. — **RIVERA DRY CLEANING**, **42-22 BELL BLVD**, **BAYSIDE, NY 11361** — **DRYCLEANERS** — **S106436324**, **N/A**

Relative: Higher — **Actual: 77 ft.**

Site 1 of 2 in cluster M

Drycleaners:
Facility ID : 2-6303-00220
Region : QUEENS

M46 NNE 1/8-1/4 1027 ft. — **CLEANING CONCEPT THE**, **42-22 BELL BLVD**, **BAYSIDE, NY 11361** — **RCRA-SQG**, **FINDS** — **1000107327**, **NYD982272783**

Relative: Higher — **Actual: 77 ft.**

Site 2 of 2 in cluster M

RCRAInfo:
Owner: BOB MYSEL
(212) 555-1212
EPA ID: NYD982272783

Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

NY MANIFEST

Click this hyperlink while viewing on your computer to access additional NY MANIFEST detail in the EDR Site Report.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

---

47 East 1/8-1/4 1113 ft. — **111 PRECINCT**, **45-06 215TH STREET**, **BAYSIDE, NY 11364** — **UST** — **U001839422**, **N/A**

Relative: Higher — **Actual: 66 ft.**

PBS UST:
PBS Number: 2-343331
SPDES Number: Not reported
Operator: CAPTAIN EISBROD
(718) 279-5200
Emergency Contact: DESK OFFICER
(718) 279-5200
Total Tanks: 1
Owner: NEW YORK CITY POLICE DEPARTMENT
ONE POLICE PLAZA-ROOM 800
NEW YORK, NY 10007

CBS Number: Not reported
SWIS ID: 6301

111 PRECINCT (Continued) **U001839422**

	(212) 374-7650		
Owner Type:	Local Government		
Owner Mark:	First Owner		
Owner Subtype:	The City of New York		
Mailing Address:	NEW YORK CITY POLICE DEPARTMENT ATTN: COMMANDING OFFICER BUILDING MAINTENANCE SECTION 59-06 LAUREL HILL BLVD. (BQE) WOODSIDE, NY 11377 (718) 476-7576		
Tank Status:	In Service		
Capacity (gals):	8000		
Tank Location:	UNDERGROUND, VAULTED, WITH ACCESS		
Tank Id:	001	Install Date:	06/01/1972
Tank Type:	Steel/carbon steel	Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	GALVANIZED STEEL
Tank External:	PAINTED/ASPHALT COATING		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	NONE		
Second Containment:	VAULT		
Leak Detection:	NONE		
Overfill Prot:	Product Level Gauge	Dispenser:	Not reported
Date Tested:	03/20/2001	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	21
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	8000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	05/11/2001
Old PBS Number:	Not reported	Expiration Date:	12/14/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	40|45|37 / 73|46|04		
Facility Type:	TRUCKING/TRANSPORTATION		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		
PBS Number:	2-343331	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	CAPTAIN EISBROD (718) 279-5200		
Emergency Contact:	DESK OFFICER (718) 279-5200		
Total Tanks:	1		
Owner:	NEW YORK CITY POLICE DEPARTMENT ONE POLICE PLAZA-ROOM 800 NEW YORK, NY 10007 (212) 374-7650		
Owner Type:	Local Government		
Owner Mark:	First Owner		
Owner Subtype:	The City of New York		
Mailing Address:	NEW YORK CITY POLICE DEPARTMENT		

111 PRECINCT (Continued) U001839422

ATTN: COMMANDING OFFICER
BUILDING MAINTENANCE SECTION
59-06 LAUREL HILL BLVD. (BQE)
WOODSIDE, NY 11377
(718) 476-7576

Tank Status:	Closed - Removed		
Capacity (gals):	550		
Tank Location:	UNDERGROUND, VAULTED, WITH ACCESS		
Tank Id:	002	Install Date:	06/01/1972
Tank Type:	Steel/carbon steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	GALVANIZED STEEL
Tank External:	PAINTED/ASPHALT COATING		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE		
Second Containment:	VAULT		
Leak Detection:	NONE		
Overfill Prot:	Product Level Gauge	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	03/01/1995	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	8000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	05/11/2001
Old PBS Number:	Not reported	Expiration Date:	12/14/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	40|45|37 / 73|46|04		
Facility Type:	TRUCKING/TRANSPORTATION		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		
PBS Number:	2-343331	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	CAPTAIN EISBROD (718) 279-5200		
Emergency Contact:	DESK OFFICER (718) 279-5200		
Total Tanks:	1		
Owner:	NEW YORK CITY POLICE DEPARTMENT ONE POLICE PLAZA-ROOM 800 NEW YORK, NY 10007 (212) 374-7650		
Owner Type:	Local Government		
Owner Mark:	First Owner		
Owner Subtype:	The City of New York		
Mailing Address:	NEW YORK CITY POLICE DEPARTMENT ATTN: COMMANDING OFFICER BUILDING MAINTENANCE SECTION 59-06 LAUREL HILL BLVD. (BQE) WOODSIDE, NY 11377 (718) 476-7576		

111 PRECINCT (Continued) **U001839422**

Tank Status:	Closed - Removed		
Capacity (gals):	550		
Tank Location:	UNDERGROUND, VAULTED, WITH ACCESS		
Tank Id:	003	Install Date:	06/01/1972
Tank Type:	Steel/carbon steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	GALVANIZED STEEL
Tank External:	PAINTED/ASPHALT COATING		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE		
Second Containment:	VAULT		
Leak Detection:	NONE		
Overfill Prot:	Product Level Gauge	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	03/01/1995	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	8000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	05/11/2001
Old PBS Number:	Not reported	Expiration Date:	12/14/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	40|45|37 / 73|46|04		
Facility Type:	TRUCKING/TRANSPORTATION		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		

48
SSW
1/8-1/4
1122 ft.

CON ED - TM 3843
46TH AVE & OCEANIA ST
FLUSHING, NY 11361

RCRA-SQG **1007206562**
NYP004012084

Relative:
Lower

Actual:
56 ft.

RCRAInfo:
Contact: ANTHONY G DRUMMINGS
(212) 460-3770

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

49
NW
1/8-1/4
1158 ft.

SHR APARTMENTS INC
210-06 42ND AVENUE
BAYSIDE, NY 11361

UST **U001837513**
N/A

Relative:
Higher

Actual:
73 ft.

PBS UST:

PBS Number:	2-402125	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	SHR APTS INC (212) 873-4949		
Emergency Contact:	MR M. RETTER (212) 873-1919		

SHR APARTMENTS INC (Continued) **U001837513**

Total Tanks:	1		
Owner:	SHR APTS INC 155 RIVERSIDE AVE NEW YORK, NY 10024 (212) 873-4919		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	SHR APTS INC 155 RIVERSIDE AVE NEW YORK, NY 10024 (212) 873-4919		
Tank Status:	In Service		
Capacity (gals):	13000		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	1	Pipe Type:	STEEL/IRON
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
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
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	False
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	13000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	09/23/1997
Old PBS Number:	Not reported	Expiration Date:	10/06/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	APARTMENT BUILDING		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		

N50 **DOCK CLEANERS** **RCRA-SQG 1004756659**
ENE **215-05 NORTHERN BLVD** **FINDS NYD981132087**
1/8-1/4 **BAYSIDE, NY 11361**
1161 ft.

Site 1 of 2 in cluster N

Relative:
Higher

Actual:
68 ft.

DOCK CLEANERS (Continued) **1004756659**

RCRAInfo:
Owner: DOCK CLEANERS CORP
(718) 224-9044
EPA ID: NYD981132087
Contact: SONG SONG BO
(718) 224-9044
Classification: Conditionally Exempt Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

NY MANIFEST

Click this hyperlink while viewing on your computer to access additional NY MANIFEST detail in the EDR Site Report.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
AEROMETRIC INFORMATION RETRIEVAL SYSTEM/AIRS FACILITY SYSTEM
NEW YORK-FACILITY INFORMATION SYSTEM
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

N51
ENE
1/8-1/4
1161 ft.

DUCK/WON DRY CLEANERS **DRYCLEANERS** **S106436318**
215-05 NORTHERN BLVD. **N/A**
BAYSIDE, NY 11361

Site 2 of 2 in cluster N

Relative:
Higher

Actual:
68 ft.

Drycleaners:
Facility ID : 2-6303-00256
Region : QUEENS

52
NW
1/8-1/4
1177 ft.

SHR APARTMENTS INC **UST** **U000417176**
42-21 CORPORAL KENNEDY ST **N/A**
BAYSIDE, NY 11361

Relative:
Higher

Actual:
69 ft.

PBS UST:
PBS Number: 2-277533
SPDES Number: Not reported
Operator: SHR APARTMENTS INC
(212) 873-4919
Emergency Contact: MR M RETTER
(212) 873-4919
Total Tanks: 1
Owner: SHR APARTMENTS INC
155 RIVERSIDE DRIVE
NEW YORK, NY 10024
(212) 873-4919
Owner Type: Corporate/Commercial
Owner Mark: First Owner
Owner Subtype: Not reported
Mailing Address: SHR APARTMENTS INC
155 RIVERSIDE DRIVE
NEW YORK, NY 10024
(212) 873-4919
Tank Status: In Service
Capacity (gals): 10000

CBS Number: Not reported
SWIS ID: 6301

SHR APARTMENTS INC (Continued) **U000417176**

Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	1	Pipe Type:	STEEL/IRON
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
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
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	False
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	10000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	07/07/1997
Old PBS Number:	Not reported	Expiration Date:	07/10/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	APARTMENT BUILDING		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		

---

53 **41-22 BELL BLVD/BARCLAY** **LTANKS** **S100145048**
North **41022 BELL BLVD** **HIST LTANKS** **N/A**
1/8-1/4 **NEW YORK CITY, NY**
1195 ft.

Relative:
Higher

Actual:
73 ft.

LTANKS:

Spill Number:	8710811	Region of Spill:	2
Facility ID :	8710811	DER Facility ID :	259645
Site ID :	322303	CID :	Not reported
Spill Date:	03/26/88	Reported to Dept:	03/26/88
Referred To :	Not reported	DEC Region :	2
Water Affected:	Not reported	Spill Source:	COMMERCIAL/INDUSTRIAL
Spill Cause:	TANK TEST FAILURE		
Facility Address 2:	Not reported	Facility Tele:	(516) 420-0045
Investigator:	ADMIN. CLOSED	SWIS:	4101
Caller Name:	NAT MOSER	Caller Agency:	GND SERVICES
Caller Phone:	(516) 933-1085	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	Not reported		
Spiller Company :	BARCLAY BANK OF NEW YORK		
Spiller Address:	ZZ		
Spiller County :	001		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	**03/05/03**		
Spill Notifier:	TANK TESTER		
Cleanup Ceased:	/ /		

41-22 BELL BLVD/BARCLAY (Continued) **S100145048**

Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
UST Involvement: False
Spill Record Last Update: 03/05/03
Date Spill Entered In Computer Data File: 03/28/88
Remediation Phase : 0
Program Number : 8710811
Material
Material ID : 462569
Site ID : 322303
Operable Unit : 01
Operable Unit ID : 916684
Material Code : 0001
Material Name : #2 Fuel Oil
Case No. : Not reported
Material FA : Petroleum
Quantity : Not reported
Units : L
Recovered : Not reported
Resource Affected - Soil : No
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : Yes
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False
Tank Test
Spill Tank Test : 8072
Site ID : 322303
Tank Number : Not reported
Tank Size : 0
Test Method : 00
Leak Rate : 0.00
Gross Fail : Not reported
Modified By : Spills
Last Modified : 10/01/04
Test Method : Unknown
DEC Remarks : Prior to Sept, 2004 data translation this spill Lead DEC Field was "ADMIN.CLOSED" 03/05/2003- Closed Due To The Nature / Extent Of The Spill Report
Remark: 1500 GALLON TANK FAILED WITH A LEAK RATE OF -.060GPH, WILL EXCAVATE, ISOLATE AND RETEST. CLOSED DUE TO LACK OF ANY RECENT INFO-DOES NOT MEET ANY CLEAN UP REQUIREMENTS.

HIST LTANKS:

Spill Number:	8710811	Region of Spill:	2
Spill Date:	03/26/1988 13:00	Reported to Dept:	03/26/88 13:43
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Resource Affectd:	Groundwater		
Spill Cause:	Tank Test Failure		
Facility Contact:	Not reported	Facility Tele:	(516) 420-0045
Investigator:	BATTISTA	SWIS:	63

41-22 BELL BLVD/BARCLAY (Continued) **S100145048**

Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
Spiller Contact: Not reported
Spiller: BARCLAY BANK OF NEW YORK
Spiller Address: Not reported
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Spill Notifier: Tank Tester
Cleanup Ceased: / /
Last Inspection: / /
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: Not reported
PBS Number: 2-239143
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: 07/03/95
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 03/28/88
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: 0
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: -1
Units: Not reported
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
DEC Remarks: Not reported
Spill Cause: 1500 GALLON TANK FAILED WITH A LEAK RATE OF -.060GPH, WILL EXCAVATE, IS OLATE AND RETEST.

O54 **CELEBRITY CLEANERS** **RCRA-SQG 1000200483**
North **41-25 BELL BOULEVARD** **FINDS NYD981138977**
1/8-1/4 **BAYSIDE, NY 11361**
1217 ft.

Site 1 of 4 in cluster O

Relative:
Higher

Actual:
77 ft.

CELEBRITY CLEANERS (Continued) **1000200483**

RCRAInfo:
Owner: Not reported
EPA ID: NYD981138977

Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 05/27/1988
Actual Date Achieved Compliance: 08/26/1988

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 06/24/1988
Penalty Type: Not reported

There are 1 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19880826

NY MANIFEST

Click this hyperlink while viewing on your computer to access additional NY MANIFEST detail in the EDR Site Report.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
AEROMETRIC INFORMATION RETRIEVAL SYSTEM/AIRS FACILITY SYSTEM
NEW YORK-FACILITY INFORMATION SYSTEM
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

O55 **PHILBERT INC DBA CELEBRITY CLEANERS** **RCRA-SQG** **1000277888**
North **41-25 BELL BLVD** **NYD981183197**
1/8-1/4 **BAYSIDE, NY 11361**
1217 ft.

Site 2 of 4 in cluster O

Relative:
Higher

Actual:
77 ft.

RCRAInfo:
Owner: PHILIP STEINBERG
(212) 555-1212
EPA ID: NYD981183197

Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
O56 North 1/8-1/4 1217 ft.	**CELEBRITY CLEANERS** 41-25 BELL BLVD BAYSIDE, NY 11361	DRYCLEANERS	S106436317 N/A

Site 3 of 4 in cluster O

Relative: Higher

Actual: 77 ft.

Drycleaners:

Facility ID : 2-6303-00074
Region : QUEENS

---

57 NNE 1/8-1/4 1217 ft.	**BAYSIDE COLLISION SERVICE INC** 214-19 42ND AVE BAYSIDE, NY 11361	RCRA-SQG FINDS	1000382084 NYD046673596

Relative: Higher

Actual: 80 ft.

RCRAInfo:

Owner: GARFINKEL
(212) 555-1212
EPA ID: NYD046673596
Contact: B GARFINKEL
(718) 229-2000
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

NY MANIFEST

Click this hyperlink while viewing on your computer to access additional NY MANIFEST detail in the EDR Site Report.

FINDS:

Other Pertinent Environmental Activity Identified at Site:
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

O58 North 1/8-1/4 1221 ft.	**THE BANK OF NEW YORK** 41-22 BELL BLVD BAYSIDE, NY 11361	UST	U000416903 N/A

Site 4 of 4 in cluster O

Relative: Higher

Actual: 77 ft.

PBS UST:

PBS Number:	2-239143	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	BRANCH MANAGER (718) 229-5000		
Emergency Contact:	MERYL LABELLA (516) 681-6321		
Total Tanks:	1		
Owner:	THE BANK OF NEW YORK 48 WALL STREET, 24TH FLOOR NEW YORK, NY 10286 (212) 495-1631		
Owner Type:	Corporate/Commercial		
Owner Mark:	Second Owner		
Owner Subtype:	Not reported		
Mailing Address:	THE BANK OF NEW YORK ATTN: MICHAEL GILSENAN 48 WALL STREET, 24TH FLOOR NEW YORK, NY 10286		

THE BANK OF NEW YORK (Continued) **U000416903**

(212) 495-1631

Tank Status:	In Service		
Capacity (gals):	1500		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Internal:	NONE	Pipe Internal:	Not reported
Pipe Location:	None	Pipe Type:	STEEL/IRON
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	DOUBLED-WALLED TANK		
Leak Detection:	Not reported		
Overfill Prot:	Product Level Gauge	Dispenser:	Suction
Date Tested:	12/01/1997	Next Test Date:	12/01/2002
Date Closed:	Not reported	Test Method:	HORNER
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	1500	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	05/07/1998
Old PBS Number:	Not reported	Expiration Date:	10/23/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	OTHER		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		

PBS OWNHIST

Operator:	BARCLAYS BANK OF NEW YORK NA		
Emergency:	AGNES KELLY		
Emergency Tel:	(718) 353-4030	Old PBSNO:	Not reported
Facility Type:	Not reported		
Facility Owner:	BARCLAYS BANK OF NEW YORK NA		
Facility Address:	41-22 BELL BLVD 41022 BELL BLVD BAYSIDE, NY 11361		
Inspector:	Not reported	Inspect Date:	Not reported
Insp Result:	Not reported	Federal ID:	Not reported
Owner:	BARCLAYS BANK OF NEW YORK NA		
Owner Tel:	(516) 420-0045	Owner Type:	Not reported
Owner Subtype:	Not reported		
Mail Address:	BARCLAYS BANK OF NEW YORK NA 604 BROAD HOLLOW RD MELVILLE, NY 11747 Not reported (516) 420-0045		
Owner Mark:	First Owner		
Certify Date:	07/07/1997	Expiration:	07/07/1997
Total Capacity (Gal):	5000		
CBS Registration Num :	Not reported		
SPDES Number:	Not reported		
Lat/Long :	Not reported		

THE BANK OF NEW YORK (Continued) **U000416903**

County Facility:	6301
Facility Phone :	(718) 229-5000
Num of Active Tanks :	1
Facility Owner:	BARCLAYS BANK OF NEW YORK NA
Facility Address:	604 BROAD HOLLOW RD
	MELVILLE, NY 11747
Owner Phone:	(516) 420-0045
Facility Status:	1
Certificate Needs Printed :	False
Renewal Printed :	False
Pre-printed Renewal Form Last Printed :	Not reported
Fiscal Amt For Registration Fee Pbsrect:	True
Dt Ownership Transfer Occurr In Computer :	10/23/1997
Facility Record Updated:	True

---

59 WNW 1/8-1/4 1298 ft. **SAMUEL B FELDMAN** **UST** **U003127742**
209-01/07 42ND AVE **N/A**
BAYSIDE, NY 11361

Relative: Higher

Actual: 71 ft.

PBS UST:

PBS Number:	2-296449	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	MICHAEL J FELDMAN (718) 428-0343		
Emergency Contact:	MICHAEL J FELDMAN (718) 428-0343		
Total Tanks:	1		
Owner:	SAMUEL B FELDMAN 209-01-07 42ND AVE BAYSIDE, NY 11361 (718) 428-0343		
Owner Type:	Private Resident		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	SAMUEL B FELDMAN 209-01-07 42ND AVE BAYSIDE, NY 11361 (718) 428-0343		
Tank Status:	In Service		
Capacity (gals):	2000		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	1	Pipe Type:	STEEL/IRON
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	VAULT		
Leak Detection:	OTHER		
Overfill Prot:	Product Level Gauge	Dispenser:	Suction
Date Tested:	05/01/1998	Next Test Date:	05/01/2003
Date Closed:	Not reported	Test Method:	HORNER
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	2000	Renewal Date:	Not reported

SAMUEL B FELDMAN (Continued) **U003127742**

Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	07/03/1997
Old PBS Number:	Not reported	Expiration Date:	07/07/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	Not reported		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		

60 NNE 1/4-1/2 1333 ft. **214-41 42ND AVE BAYSIDE**
214-41 42ND AVE BAYSIDE
QUEENS, NY

LTANKS S102662566
HIST LTANKS N/A

Relative: Higher

Actual: 81 ft.

LTANKS:

Spill Number:	9305014	Region of Spill:	2
Facility ID :	9305014	DER Facility ID :	227335
Site ID :	280000	CID :	Not reported
Spill Date:	07/21/93	Reported to Dept:	07/21/93
Referred To :	Not reported	DEC Region :	2
Water Affected:	Not reported	Spill Source:	COMMERCIAL/INDUSTRIAL
Spill Cause:	TANK OVERFILL		
Facility Address 2:	Not reported	Facility Tele:	Not reported
Investigator:	MCTIBBE	SWIS:	4101
Caller Name:	DAVE DIEVCY	Caller Agency:	LEXICON ENV.
Caller Phone:	(215) 344-3380	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	Not reported		
Spiller Company :	NYNEX		
Spiller Address:	ZZ		
Spiller County :	001		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	**08/06/96**		
Spill Notifier:	OTHER		
Cleanup Ceased:	/ /		
Last Inspection:	/ /		
Cleanup Meets Standard:	False		
Recommended Penalty:	Penalty Not Recommended		
UST Involvement:	False		
Spill Record Last Update:	04/17/97		
Date Spill Entered In Computer Data File:	03/22/94		
Remediation Phase :	0		
Program Number :	9305014		

Material

Material ID :	394965
Site ID :	280000
Operable Unit :	01
Operable Unit ID :	983301
Material Code :	0009
Material Name :	Gasoline
Case No. :	Not reported
Material FA :	Petroleum

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BAYSIDE	S102238570	EXXON STATION	22340 BELL BOULEVARD		NY Spills, NY Hist Spills
BAYSIDE	1004758559	NYSDOT BIN 1055489	NORTHERN BLVD OVER I-295	11361	RCRA-SQG, FINDS
BAYSIDE	1007205170	NYNEX-MANHOLE	NORTHERN E OF CROSS ISLAND	11361	RCRA-SQG
BAYSIDE	1007571114	CONTRACT ER-AC1 ALLEY CREEK CSO	NORTHERN BLVD BLOCK 6331 LOT 1	11361	RCRA-SQG
BAYSIDE	S103037140	209TH STREET	NORTHERN BLVD+43RD AVE		NY Spills, NY Hist Spills
BAYSIDE	S103828397	BAYSIDE BMW	NORTHERN BLVD		NY Spills, NY Hist Spills
BAYSIDE	S102149025	211-51 45TH ROAD	211051 45TH ROAD		NY Spills, NY Hist Spills
QUEENS	U003394243	P.S. 31	211-45TH 46TH ROAD	11361	AST

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.

FEDERAL RECORDS

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: 10/14/05
Date Data Arrived at EDR: 11/02/05
Date Made Active in Reports: 12/07/05
Number of Days to Update: 35

Source: EPA
Telephone: N/A
Last EDR Contact: 01/31/06
Next Scheduled EDR Contact: 05/01/06
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 8
Telephone: 303-312-6774

EPA Region 4
Telephone 404-562-8033

Proposed NPL: Proposed National Priority List Sites

Date of Government Version: 10/14/05
Date Data Arrived at EDR: 11/02/05
Date Made Active in Reports: 12/07/05
Number of Days to Update: 35

Source: EPA
Telephone: N/A
Last EDR Contact: 01/31/06
Next Scheduled EDR Contact: 05/01/06
Data Release Frequency: Quarterly

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: 10/14/05
Date Data Arrived at EDR: 11/02/05
Date Made Active in Reports: 12/07/05
Number of Days to Update: 35

Source: EPA
Telephone: N/A
Last EDR Contact: 01/31/06
Next Scheduled EDR Contact: 05/01/06
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (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 receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91
Date Data Arrived at EDR: 02/02/94
Date Made Active in Reports: 03/30/94
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 11/21/05
Next Scheduled EDR Contact: 02/20/06
Data Release Frequency: No Update Planned

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: 10/24/05
Date Data Arrived at EDR: 12/21/05
Date Made Active in Reports: 01/30/06
Number of Days to Update: 40

Source: EPA
Telephone: 703-413-0223
Last EDR Contact: 12/21/05
Next Scheduled EDR Contact: 03/20/06
Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

Date of Government Version: 10/24/05
Date Data Arrived at EDR: 12/21/05
Date Made Active in Reports: 01/30/06
Number of Days to Update: 40

Source: EPA
Telephone: 703-413-0223
Last EDR Contact: 12/21/05
Next Scheduled EDR Contact: 03/20/06
Data Release Frequency: Quarterly

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 10/13/05
Date Data Arrived at EDR: 10/27/05
Date Made Active in Reports: 12/07/05
Number of Days to Update: 41

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/06/05
Next Scheduled EDR Contact: 03/06/06
Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information

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. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). 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. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site 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: 12/15/05
Date Data Arrived at EDR: 12/28/05
Date Made Active in Reports: 01/30/06
Number of Days to Update: 33

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/28/05
Next Scheduled EDR Contact: 02/27/06
Data Release Frequency: Quarterly

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: 12/31/04
Date Data Arrived at EDR: 01/27/05
Date Made Active in Reports: 03/24/05
Number of Days to Update: 56

Source: National Response Center, United States Coast Guard
Telephone: 202-260-2342
Last EDR Contact: 01/12/06
Next Scheduled EDR Contact: 04/24/06
Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 08/17/05
Date Data Arrived at EDR: 10/18/05
Date Made Active in Reports: 12/07/05
Number of Days to Update: 50

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 01/16/06
Next Scheduled EDR Contact: 04/17/06
Data Release Frequency: Annually

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: 08/02/05
Date Data Arrived at EDR: 08/12/05
Date Made Active in Reports: 10/06/05
Number of Days to Update: 55

Source: Environmental Protection Agency
Telephone: 703-603-8867
Last EDR Contact: 02/10/06
Next Scheduled EDR Contact: 04/03/06
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: 01/10/05
Date Data Arrived at EDR: 02/11/05
Date Made Active in Reports: 04/06/05
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 703-603-8867
Last EDR Contact: 02/10/06
Next Scheduled EDR Contact: 04/03/06
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: 12/31/04
Date Data Arrived at EDR: 02/08/05
Date Made Active in Reports: 08/04/05
Number of Days to Update: 177

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 02/06/06
Next Scheduled EDR Contact: 05/08/06
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: 12/31/04
Date Data Arrived at EDR: 06/29/05
Date Made Active in Reports: 08/08/05
Number of Days to Update: 40

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 01/19/06
Next Scheduled EDR Contact: 04/03/06
Data Release Frequency: Varies

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 11/29/05
Date Data Arrived at EDR: 12/05/05
Date Made Active in Reports: 01/30/06
Number of Days to Update: 56

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 11/30/05
Next Scheduled EDR Contact: 03/13/06
Data Release Frequency: Semi-Annually

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: 12/14/04
Date Data Arrived at EDR: 02/15/05
Date Made Active in Reports: 04/25/05
Number of Days to Update: 69

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/26/06
Next Scheduled EDR Contact: 04/24/06
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: 10/07/05
Date Data Arrived at EDR: 10/20/05
Date Made Active in Reports: 12/07/05
Number of Days to Update: 48

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 01/04/06
Next Scheduled EDR Contact: 04/03/06
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: 11/04/05
Date Data Arrived at EDR: 11/28/05
Date Made Active in Reports: 01/30/06
Number of Days to Update: 63

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 10/28/05
Next Scheduled EDR Contact: 12/19/05
Data Release Frequency: Varies

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: 06/30/85
Date Data Arrived at EDR: 08/09/04
Date Made Active in Reports: 09/17/04
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/04
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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: 12/31/03
Date Data Arrived at EDR: 07/13/05
Date Made Active in Reports: 08/17/05
Number of Days to Update: 35

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 12/21/05
Next Scheduled EDR Contact: 03/20/06
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: 12/31/02
Date Data Arrived at EDR: 04/27/04
Date Made Active in Reports: 05/21/04
Number of Days to Update: 24

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 01/30/06
Next Scheduled EDR Contact: 04/17/06
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: 10/12/05
Date Data Arrived at EDR: 10/31/05
Date Made Active in Reports: 12/20/05
Number of Days to Update: 50

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 12/20/05
Next Scheduled EDR Contact: 03/20/06
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Date of Government Version: 10/12/05
Date Data Arrived at EDR: 10/31/05
Date Made Active in Reports: 12/20/05
Number of Days to Update: 50

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 12/20/05
Next Scheduled EDR Contact: 03/20/06
Data Release Frequency: Quarterly

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: 12/31/03
Date Data Arrived at EDR: 01/03/05
Date Made Active in Reports: 01/25/05
Number of Days to Update: 22

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/16/06
Next Scheduled EDR Contact: 04/17/06
Data Release Frequency: Annually

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: 08/30/05
Date Data Arrived at EDR: 09/13/05
Date Made Active in Reports: 10/27/05
Number of Days to Update: 44

Source: EPA
Telephone: 202-564-3887
Last EDR Contact: 02/08/06
Next Scheduled EDR Contact: 05/08/06
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: 10/18/05
Date Data Arrived at EDR: 10/31/05
Date Made Active in Reports: 12/20/05
Number of Days to Update: 50

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 02/08/06
Next Scheduled EDR Contact: 04/03/06
Data Release Frequency: Quarterly

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: 11/08/05
Date Data Arrived at EDR: 12/27/05
Date Made Active in Reports: 01/30/06
Number of Days to Update: 34

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 12/27/05
Next Scheduled EDR Contact: 03/27/06
Data Release Frequency: Semi-Annually

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: 09/29/05
Date Data Arrived at EDR: 10/04/05
Date Made Active in Reports: 11/14/05
Number of Days to Update: 41

Source: EPA
Telephone: N/A
Last EDR Contact: 01/03/06
Next Scheduled EDR Contact: 04/03/06
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: 04/17/95
Date Data Arrived at EDR: 07/03/95
Date Made Active in Reports: 08/07/95
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 12/05/05
Next Scheduled EDR Contact: 03/06/06
Data Release Frequency: No Update Planned

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: 12/31/03
Date Data Arrived at EDR: 06/17/05
Date Made Active in Reports: 08/04/05
Number of Days to Update: 48

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/12/05
Next Scheduled EDR Contact: 12/12/05
Data Release Frequency: Biennially

STATE AND LOCAL RECORDS

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: 09/01/02
Date Data Arrived at EDR: 10/15/02
Date Made Active in Reports: 10/30/02
Number of Days to Update: 15

Source: Department of Environmental Conservation
Telephone: 518-402-9564
Last EDR Contact: 11/30/05
Next Scheduled EDR Contact: 02/27/06
Data Release Frequency: No Update Planned

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: 12/30/05
Date Data Arrived at EDR: 01/23/06
Date Made Active in Reports: 02/07/06
Number of Days to Update: 15

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 01/05/06
Next Scheduled EDR Contact: 03/13/06
Data Release Frequency: Annually

DEL SHWS: Delisted Registry Sites

A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

Date of Government Version: 12/30/05
Date Data Arrived at EDR: 01/23/06
Date Made Active in Reports: 02/07/06
Number of Days to Update: 15

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 01/05/06
Next Scheduled EDR Contact: 03/13/06
Data Release Frequency: Annually

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: 11/01/05
Date Data Arrived at EDR: 11/01/05
Date Made Active in Reports: 12/08/05
Number of Days to Update: 37

Source: Department of Environmental Conservation
Telephone: 518-457-2051
Last EDR Contact: 01/30/06
Next Scheduled EDR Contact: 05/01/06
Data Release Frequency: Semi-Annually

SWRCY: Registered Recycling Facility List
A listing of recycling facilities.

Date of Government Version: 11/01/05
Date Data Arrived at EDR: 11/15/05
Date Made Active in Reports: 12/08/05
Number of Days to Update: 23

Source: Department of Environmental Conservation
Telephone: 518-402-8705
Last EDR Contact: 01/30/06
Next Scheduled EDR Contact: 05/01/06
Data Release Frequency: Semi-Annually

SWTIRE: Registered Waste Tire Storage & Facility List

Date of Government Version: 04/01/04
Date Data Arrived at EDR: 05/19/04
Date Made Active in Reports: 06/25/04
Number of Days to Update: 37

Source: Department of Environmental Conservation
Telephone: 518-402-8694
Last EDR Contact: 11/18/05
Next Scheduled EDR Contact: 02/13/06
Data Release Frequency: Annually

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: 12/08/05
Date Data Arrived at EDR: 01/05/06
Date Made Active in Reports: 02/07/06
Number of Days to Update: 33

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 01/05/06
Next Scheduled EDR Contact: 02/20/06
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: 01/01/02
Date Data Arrived at EDR: 07/08/05
Date Made Active in Reports: 07/14/05
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/05
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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: 01/01/02
Date Data Arrived at EDR: 02/20/02
Date Made Active in Reports: 03/22/02
Number of Days to Update: 30

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 01/23/06
Next Scheduled EDR Contact: 04/24/06
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: 01/01/02
Date Data Arrived at EDR: 02/20/02
Date Made Active in Reports: 03/22/02
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 10/24/05
Next Scheduled EDR Contact: 01/23/06
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: 01/01/02
Date Data Arrived at EDR: 02/20/02
Date Made Active in Reports: 03/22/02
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/05
Next Scheduled EDR Contact: 10/24/05
Data Release Frequency: Varies

AST: Petroleum Bulk Storage
Registered Aboveground Storage Tanks.

Date of Government Version: 01/01/02
Date Data Arrived at EDR: 02/20/02
Date Made Active in Reports: 03/22/02
Number of Days to Update: 30

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 01/23/06
Next Scheduled EDR Contact: 04/24/06
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: 01/01/02
Date Data Arrived at EDR: 02/20/02
Date Made Active in Reports: 03/22/02
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/05
Next Scheduled EDR Contact: 10/24/05
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: 01/01/02
Date Data Arrived at EDR: 02/20/02
Date Made Active in Reports: 03/22/02
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/05
Next Scheduled EDR Contact: 10/24/05
Data Release Frequency: No Update Planned

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: 12/08/05
Date Data Arrived at EDR: 01/05/06
Date Made Active in Reports: 02/07/06
Number of Days to Update: 33

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 01/05/06
Next Scheduled EDR Contact: 02/20/06
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: 01/01/02
Date Data Arrived at EDR: 07/08/05
Date Made Active in Reports: 07/14/05
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/05
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

ENG CONTROLS: Registry of Engineering Controls
Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 12/30/05
Date Data Arrived at EDR: 01/23/06
Date Made Active in Reports: 02/07/06
Number of Days to Update: 15

Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 01/05/06
Next Scheduled EDR Contact: 03/13/06
Data Release Frequency: Quarterly

INST CONTROL: Registry of Institutional Controls
Environmental Remediation sites that have institutional controls in place.

Date of Government Version: 12/30/05
Date Data Arrived at EDR: 01/23/06
Date Made Active in Reports: 02/07/06
Number of Days to Update: 15

Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 01/05/06
Next Scheduled EDR Contact: 03/13/06
Data Release Frequency: Quarterly

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: 12/30/05
Date Data Arrived at EDR: 01/05/06
Date Made Active in Reports: 02/07/06
Number of Days to Update: 33

Source: Department of Environmental Conservation
Telephone: 518-402-9711
Last EDR Contact: 01/05/06
Next Scheduled EDR Contact: 03/13/06
Data Release Frequency: Semi-Annually

DRYCLEANERS: Registered Drycleaners
A listing of all registered drycleaning facilities.

Date of Government Version: 06/15/04
Date Data Arrived at EDR: 06/15/04
Date Made Active in Reports: 07/29/04
Number of Days to Update: 44

Source: Department of Environmental Conservation
Telephone: 518-402-8403
Last EDR Contact: 05/21/04
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

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: 12/30/05
Date Data Arrived at EDR: 01/23/06
Date Made Active in Reports: 02/07/06
Number of Days to Update: 15

Source: Department of Environmental Conservation
Telephone: 518-402-9764
Last EDR Contact: 01/23/06
Next Scheduled EDR Contact: 03/13/06
Data Release Frequency: Semi-Annually

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: 12/01/05
Date Data Arrived at EDR: 12/01/05
Date Made Active in Reports: 01/10/06
Number of Days to Update: 40

Source: Department of Environmental Conservation
Telephone: 518-402-8233
Last EDR Contact: 02/06/06
Next Scheduled EDR Contact: 05/08/06
Data Release Frequency: No Update Planned

AIRS: Air Emissions Data

Date of Government Version: 12/31/02
Date Data Arrived at EDR: 09/13/04
Date Made Active in Reports: 10/18/04
Number of Days to Update: 35

Source: Department of Environmental Conservation
Telephone: 518-402-8452
Last EDR Contact: 11/21/05
Next Scheduled EDR Contact: 02/20/06
Data Release Frequency: Annually

TRIBAL RECORDS

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: 12/31/04
Date Data Arrived at EDR: 02/08/05
Date Made Active in Reports: 08/04/05
Number of Days to Update: 177

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 02/06/06
Next Scheduled EDR Contact: 05/08/06
Data Release Frequency: Semi-Annually

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: 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 Auto Stations: EDR Proprietary 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.

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 Cleaners: EDR Proprietary 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.

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

COUNTY RECORDS

CORTLAND COUNTY:

Cortland County Storage Tank Listing

Date of Government Version: 01/06/06
Date Data Arrived at EDR: 01/11/06
Date Made Active in Reports: 02/01/06
Number of Days to Update: 21

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 11/28/05
Next Scheduled EDR Contact: 02/27/06
Data Release Frequency: Quarterly

ESE COUNTY:

Cortland County Storage Tank Listing

Date of Government Version: 01/06/06
Date Data Arrived at EDR: 01/11/06
Date Made Active in Reports: 02/01/06
Number of Days to Update: 21

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 11/28/05
Next Scheduled EDR Contact: 02/27/06
Data Release Frequency: Quarterly

NASSAU COUNTY:

Registered Tank Database

Date of Government Version: 05/21/03
Date Data Arrived at EDR: 05/27/03
Date Made Active in Reports: 06/09/03
Number of Days to Update: 13

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 01/30/06
Next Scheduled EDR Contact: 05/01/06
Data Release Frequency: No Update Planned

Registered Tank Database

Date of Government Version: 05/21/03
Date Data Arrived at EDR: 05/27/03
Date Made Active in Reports: 06/09/03
Number of Days to Update: 13

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 01/30/06
Next Scheduled EDR Contact: 05/01/06
Data Release Frequency: No Update Planned

Storage Tank Database

Date of Government Version: 05/25/04
Date Data Arrived at EDR: 06/08/04
Date Made Active in Reports: 07/29/04
Number of Days to Update: 51

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 02/10/06
Next Scheduled EDR Contact: 05/08/06
Data Release Frequency: Varies

Storage Tank Database

Date of Government Version: 05/25/04
Date Data Arrived at EDR: 06/08/04
Date Made Active in Reports: 07/29/04
Number of Days to Update: 51

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 02/10/06
Next Scheduled EDR Contact: 05/08/06
Data Release Frequency: Varies

ROCKLAND COUNTY:

Petroleum Bulk Storage Database

Date of Government Version: 10/19/05
Date Data Arrived at EDR: 10/20/05
Date Made Active in Reports: 11/22/05
Number of Days to Update: 33

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 01/03/06
Next Scheduled EDR Contact: 04/03/06
Data Release Frequency: Quarterly

Petroleum Bulk Storage Database

Date of Government Version: 10/19/05
Date Data Arrived at EDR: 10/20/05
Date Made Active in Reports: 11/18/05
Number of Days to Update: 29

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 01/03/06
Next Scheduled EDR Contact: 04/03/06
Data Release Frequency: Quarterly

SUFFOLK COUNTY:

Storage Tank Database

Date of Government Version: 06/21/05
Date Data Arrived at EDR: 09/19/05
Date Made Active in Reports: 11/03/05
Number of Days to Update: 45

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 12/02/05
Next Scheduled EDR Contact: 02/27/06
Data Release Frequency: Annually

Storage Tank Database

Date of Government Version: 06/21/05
Date Data Arrived at EDR: 09/19/05
Date Made Active in Reports: 11/03/05
Number of Days to Update: 45

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 09/01/05
Next Scheduled EDR Contact: 11/28/05
Data Release Frequency: Annually

WESTCHESTER COUNTY:

Listing of Storage Tanks

Listing of underground storage tanks in Westchester County.

Date of Government Version: 05/05/05
Date Data Arrived at EDR: 05/31/05
Date Made Active in Reports: 06/30/05
Number of Days to Update: 30

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 11/28/05
Next Scheduled EDR Contact: 02/27/06
Data Release Frequency: Varies

Listing of Storage Tanks

Listing of aboveground storage tanks in Westchester County.

Date of Government Version: 05/05/05
Date Data Arrived at EDR: 05/31/05
Date Made Active in Reports: 06/30/05
Number of Days to Update: 30

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 11/28/05
Next Scheduled EDR Contact: 02/27/06
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.

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: PennWell Corporation
Telephone: (800) 823-6277
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

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 1999 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 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

STREET AND ADDRESS INFORMATION

© 2005 Tele Atlas, Rel. 7/2005. This product contains proprietary and confidential property of Tele Atlas. Unauthorized use, including copying for other than testing and standard backup procedures, of this product is expressly prohibited.

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: NY Radon

Radon Test Results

Zip	Num Sites	< 4 Pci/L	>= 4 Pci/L	>= 20 Pci/L	Avg > 4 Pci/L	Max Pci/L
11361	14	13 (92.9%)	1 (7.1%)	0 (0%)	1.34	7.0

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%

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

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

APPENDIX C
HISTORICAL CITY DIRECTORY RESEARCH

The EDR-City Directory
Abstract

SI-20287
211-08 Northern Blvd
Bayside, NY 11361

Inquiry Number: 1614967.45

Wednesday, February 15, 2006

EDR® Environmental
Data Resources Inc

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

City Directory Abstract

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. The city directory is a sophisticated tool for locating individuals and businesses. With each address, the directory lists the name of the corresponding occupant.

References

To meet the prior use requirements of ASTM E 1527-05, Section 8.3.2, the following *standard historical sources* may be used: aerial photographs, fire insurance maps, property tax files, land title records (although these cannot be the sole historical source consulted), topographic maps, city directories, building department records, or zoning/land use records. ASTM E 1527-05, Section 8.3 on Historical Use Information, identifies the prior use requirements for a Phase I environmental site assessment. ASTM E 1527-05 requires *"All obvious uses of the property shall be identified from the present, back to the property's first developed use, or back to 1940, whichever is earlier. This task requires reviewing only as many of the standard historcal sources as are necessary and both reasonably ascertainable and likely to be useful."* (ASTM E 1527-05, Section 8.3.2) *Reasonably ascertainable means information that is publicly available, obtainable from a source within reasonable time and cost constraints, and practically reviewable.*

EPA's Standards and Practices for All Appropriate Inquiries (AAI), Section § 312.24, identifies the historical sources of information necessary to achieve the objectives and performance factors of § 312.20. According to AAI, *"historical documents and records may include, but are not limited to, aerial photographs, fire insurance maps, building department records, chain of title documents, and land use records."*

Data Gaps

In order to address data gaps, additional sources of information may be consulted. According the AAI, Section § 312.20 (g), *"to the extent there are data gaps (as defined in § 312.10) in the information developed...that affect the ability of persons (including the environmental professional) conducting the all appropriate inquiries to identify conditions indicative of releases or threatened releases...such persons should identify such data gaps, identify the sources of information consulted to address such data gaps, and comment upon the significance of such data gaps."* According to ASTM E 1527-05, Section 8.3.2.3, *"historical research is complete when either: (1) the objectives in 8.3.1 through 8.3.2.2 are achieved; or (2) data failure is encountered. Data failure occurs when all of the standard historical sources that are reasonably ascertainable and likely to be useful have been reviewed and yet the objectives have not been met....If data failure is encountered, the report shall document the failure and, if any of the standard historical sources were excluded, give the reasons for their exclusion."*

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

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction orforecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2005 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc. or its affiliates is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

SUMMARY

- ***City Directories:***

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1922 through 2000. (These years are not necessarily inclusive.) A summary of the information obtained is provided in the text of this report.

This report compiles information by geocoding the subject properties (that is, plotting the latitude and longitude for such subject properties and obtaining data concerning properties within 100.32 Feet of the subject properties). There is no warranty or guarantee that geocoding will report or list all properties within the specified radius of the subject properties and any such warranty or guarantee is expressly disclaimed. Accordingly, some properties within the aforementioned radius and the information concerning those properties may not be referenced in this report.

Date EDR Searched Historical Sources: Feb 15, 2006

Target Property:
211-08 Northern Blvd
Bayside, NY 11361

Year	Uses	Source
1922	Address Not Listed in Research Source	The Metropolitan Directory Co.
1934	Address Not Listed in Research Source	R. L. Polk & Co.
1939	Address Not Listed in Research Source	New York Telephone Company
1945	Address Not Listed in Research Source	New York Telephone
1950	Address Not Listed in Research Source	New York Telephone
1962	Address Not Listed in Research Source	New York Telephone Directory
1967	Address Not Listed in Research Source	New York Telephone
1970	Address Not Listed in Research Source	New York Telephone
1976	Address Not Listed in Research Source	New York Telephone
1983	Address Not Listed in Research Source	New York Telephone
1991	Address Not Listed in Research Source	NYNEX Information Resource Company
1996	Address Not Listed in Research Source	NYNEX
2000	Address Not Listed in Research Source	Cole Information Services

Adjoining Properties

SURROUNDING

Multiple Addresses
Bayside, NY 11361

Year	Uses	Source
1922	Address Not Listed in Research Source	The Metropolitan Directory Co.
1934	Address Not Listed in Research Source	R. L. Polk & Co.
1939	**211TH ST**	New York Telephone Company
	TOTURA W BAR GRILL (45)	
	NORTHERN BLVD	New York Telephone Company
	SIMS VIRGINIA (21102)	
	RUTHA & SONS (21110)	
	E COAL & COKE CONSUMERS CO (21110)	
	E REALTY ASSOCIATES (21114)	
	TIFFANY DONALD M SHIP MODLS (21120)	
1945	**NORTHERN BLVD**	New York Telephone
	BAYSIDE FEDERAL SAVINGS & LOAN ASSN (21101)	
	BAYSIDE CONSUMERS COAL CO (21110)	
	RUTHA & SONS (21110)	
1950	**NORTHERN BLVD**	New York Telephone
	HARBECKE GERHARD (21102)	
	HARCO HANDICRAFT SUPLS (21102)	
	RUTHA JAS J (21110)	
	M (21111)	
	BAYSIDE WATCH TOOL CO INC (21112)	
	SHIRE WM H (21114)	
	STOREY HELEN APPRL (21120)	
	CASMUS HELEN MISS S (21128)	
1962	**NORTHERN BLVD**	New York Telephone Directory
	BAYSIDE OIL BURNER SYCE (21102)	
	BAYSIDE TELVSN SVCE (21102)	
	DEEMER STEEL CASTG CO (21102)	
	EASTERN INSTRUMENTATION INC (21102)	
	KAYE WASHING MACH REPR SVCE (21102)	

Year	Uses	Source
1962 (continued)	NORBELL SALES CO MFG REP (21102)	
	RIKER T V (21102)	
	VIGILANT TEL SECRETARIAL SYCE (21102)	
	AUTOSCHOOL ASSN OF AMER INC (21110)	
	AUTOSCHOOL ASSOCS OF AMER INC (21110)	
	AUTOSCHOOL ASSOCS OF AMER INC (21110)	
	NASSAU TRANSPORT ENTERPRISE (21110)	
	NATL HOME IMPROVEMENT CORP (21110)	
	WALLACH NETTIE MRS INS (21110)	
1967	**NORTHERN BLVD**	New York Telephone
	ABS TRUCKG INC (21102)	
	ALL TOWN CONST CORP (21102)	
	DU ALL WASHER SVCE (21102)	
	GLICKEN ROBT PHYSTHRPST (21102)	
	NORBELL SALES CO MFG REP (21102)	
	REALTIME PROGRAMMING INC (21102)	
	VIGILANT TEL SECRETARIAL SVCE (21102)	
	WELLMAN G (21102)	
	ALCO AUTO RENTLS (21110)	
	ALCO AUTO SCHLS (21110)	
	ALCO AUTO SCHLS (21110)	
	ALCO AUTO SCHLS (21110)	
	MORTGAGE DEPT (21111)	
1970	**NORTHERN BLVD**	New York Telephone
	BLOCKER CURTIS (21102)	
	MORTGAGE DEPT (21111)	
	SMITH ROSA L (21112)	
	KNICKERBOCKER VENDING CO (21114)	
	MABRY BERNARD (21114)	
1976	**NORTHERN BLVD**	New York Telephone
	BOULEVARD A M C INC (21102)	
	SVC & PARTS DEPT (21102)	
	MORTGAGE DEPT (21111)	
	MAGNAVAC VACUUM CLEANER CO INC (21114)	
	MAGNAVAC VACUUM CLEANER CO INC (21114)	

Year	Uses	Source
1976 (continued)	BAYSIDE PLUMBING SUPL CO INC (21120)	
1983	**NORTHERN BLVD**	New York Telephone
	SVC & PARTS DEPT (21102)	
	BAYSIDE OFFICE (21111)	
	HOFFTELLER ENTERPRISES INC STATNR (21112)	
	AVGEN CORP (21114)	
	MAGNAVAC VACUUM CLEANER CO (21114)	
	BAYSIDE PLUMBING SUPL CO INC (21120)	
1991	**NORTHERN BLVD**	NYNEX Information Resource Company
	AICHER JOHN G ATTY (21111)	
	AICHER MOFFETT & AICHER ATTYS (21111)	
	HOME SAVINGS BANK THE ADMINISTRATIVE HEADQUARTERS (21111)	
	THE HOME SAVINGS BANK (21111)	
	RASHMI STATIONERY INC (21112)	
	DRAGON KING CHINESE RESTRNT (21114)	
	MAGNAVAC VACUUM CLEANER CO (21114)	
	LOUPAKIS KARATE SCHOOL (21116)	
	BAYSIDE PLUMBING SUPL CO INC (21120)	
1996	**211TH ST**	NYNEX
	SPRING WOODWORKING INC (45)	
	UNITED CEREBRAL PALSEY ASSOC OF NY (45)	
	UNITED CEREBRAL PALSY (45)	
2000	**NORTHERN BLVD**	Cole Information Services
	BAYSIDE CHRYSLER (21102)	
	EASTERN MOTOR SLS (21102)	
	EASTERN MOTOR SLS (21102)	
	EASTERN MOTOR SLS (21102)	
	EASTERN MOTOR SLS (21102)	
	EASTERN MOTOR SLS (21102)	
	EASTERN MOTOR SLS (21102)	
	EASTERN MOTOR SLS (21102)	
	PREMIER HITH CARE (21111)	
	YAI NYL BAYSIDE (21111)	
	YOUNG ADULT INST (21111)	
	BAYSIDE MN MRT INC (21112)	

Year	Uses	Source
2000 (continued)		
	BABA TELECOM INC (21114)	
	CAFE HELLAS (21114)	
	LOUPAKIS KRT SCHL (21116)	
	212TH ST INTS (21120)	
	BAYSIDE PLBG SUPL (21120)	
	PARTY CITY (21120)	
	PLUMBING SUPL (21120)	

APPENDIX D
HISTORICAL SANBORN FIRE INSURANCE MAPS

EDR® Environmental Data Resources Inc

"Linking Technology with Tradition"®

Sanborn® Map Report

Ship To: Heather Conner
JMK ESI
1030 North Maclay
San Fernando, CA 91340

Order Date: 2/15/2006 **Completion Date:** 2/16/2006
Inquiry #: 1614967.43s
P.O. #: NA
Site Name: SI-20287
Address: 211-08 Northern Blvd
City/State: Bayside, NY 11361
Cross Streets:

Customer Project: NA
1011204PEP 818-979-0010

Based on client-supplied information, fire insurance maps for the following years were identified

1903 - 1 Map	1991 - 1 Map
1917 - 1 Map	1992 - 1 Map
1934 - 1 Map	1993 - 1 Map
1951 - 1 Map	1994 - 1 Map
1980 - 1 Map	1995 - 1 Map
1982 - 1 Map	
1985 - 1 Map	
1988 - 1 Map	

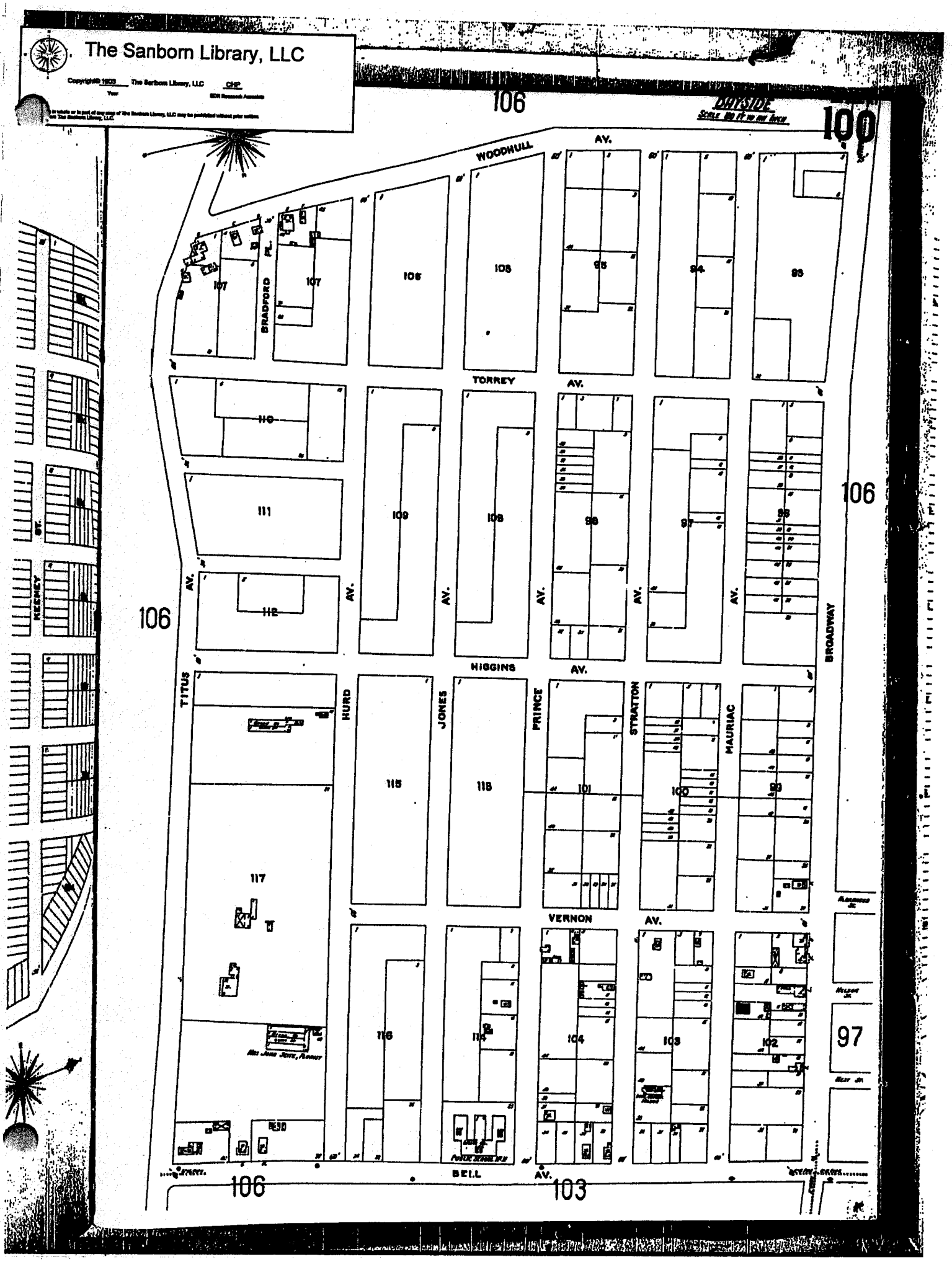
Limited Permission to Photocopy Total Maps: 13

JMK ESI (the client) is permitted to make up to THREE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report AS IS. Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2006 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission. EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

The Sanborn Library, LLC
Copyright © 1903 The Sanborn Library, LLC CHP
Year
SDN Research Associates
No whole or in part of any page of The Sanborn Library, LLC may be published without prior written consent of The Sanborn Library, LLC

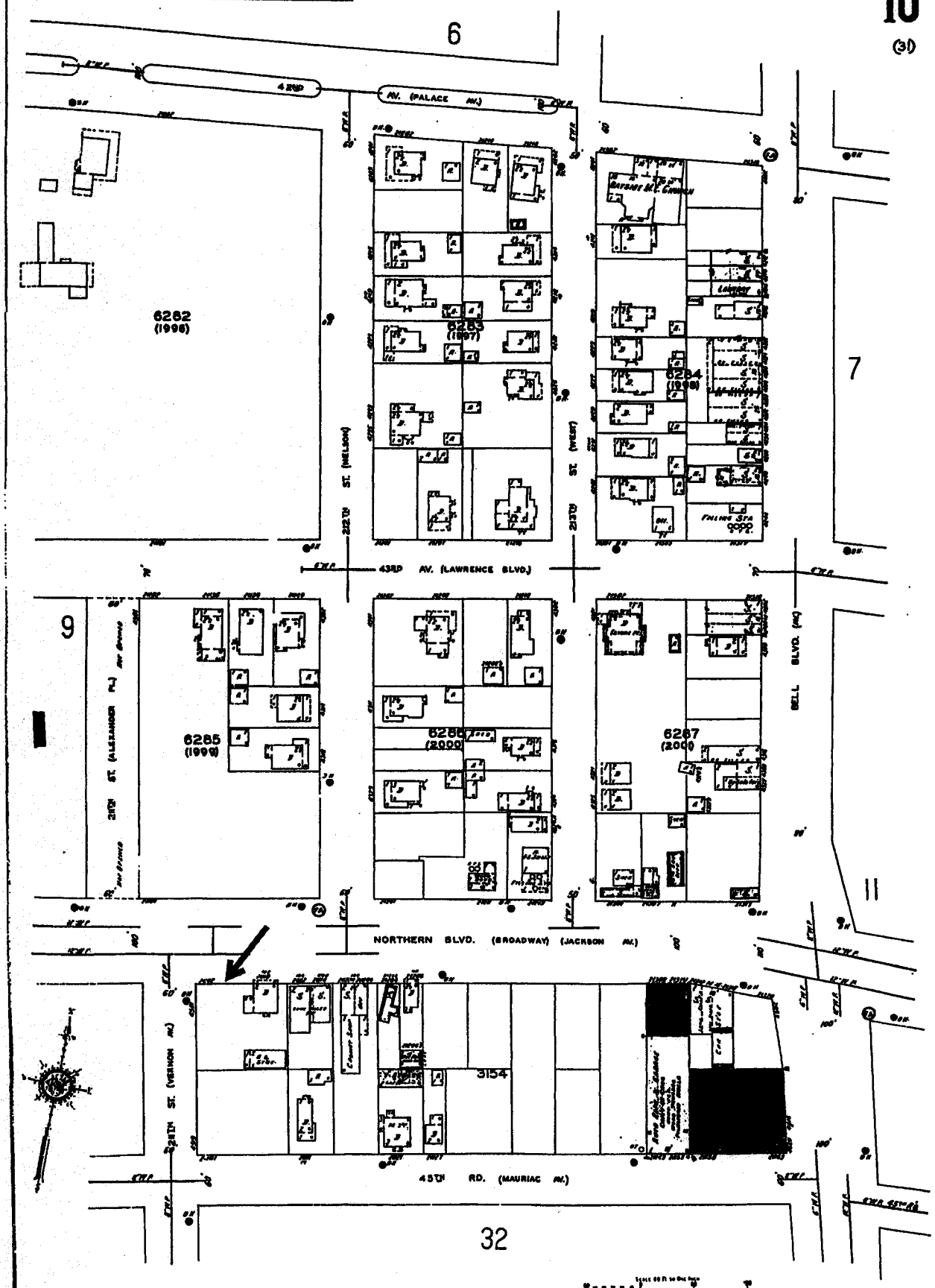


The Sanborn Library, LLC
Copyright© 1917 The Sanborn Library, LLC CHP
Year SDX Research Associate
Reproduction in whole or in part of any map of The Sanborn Library, LLC may be prohibited without prior written permission from The Sanborn Library, LLC

Borough of Queens Vol. 2
31
(97-K10)
BAYSIDE

23
42ND AV. (PALACE AV.)
52
ST.
ST. (NELSON)
ST. (WEST)
53
24
43RD AV. (LAWRENCE BLVD)
30
211TH
(ALEXANDER PL.)
212TH
213TH
BELL BLVD (BELL. AV.)
32
NORTHERN BLVD (JACKSON AV.)
102
218TH ST. (VERNON AV.)
45TH RD (MAURIAC AV.)
38
Scale 50 Ft. to One Inch

The Sanborn Library, LLC
Copyright © 1934 The Sanborn Library, LLC CHP
Year SBR Research Associates
Data valid as of the year of The Sanborn Library, LLC may be published without prior written permission from The Sanborn Library, LLC



The Sanborn Library, LLC
Copyright© 199__ The Sanborn Library, LLC CHP
Year EDR Research Associates
No reprint or re-print of any map of The Sanborn Library, LLC may be published without prior written from The Sanborn Library, LLC

6

42ND AV. (PALACE AV.)

BAYSIDE MANOR APARTMENTS
The Report Site Street No. 3

6282

6283
(1997)

6284
(1998)

Falcon Sta.
9992

7

212TH ST. (WILSON)

213TH ST. (WEST)

43RD AV. (LAWRENCE BLVD.)

9

211TH ST. (ALEXANDER)

6285

College Point Savings Bank

6286
(2000)

6287
(2000)

BELL BLVD. (AV.)

11

NORTHERN BLVD. (BROADWAY) (JACKSON AV.)

7313

213TH ST. (VERNON AV.)

45TH RD. (MAURIAC AV.)

32

The Sanborn Library, LLC
Copyright© 1980 The Sanborn Library, LLC CHP
Year SDX Research Associate
Use in whole or in part of any report of The Sanborn Library, LLC may be prohibited without prior written consent from The Sanborn Library, LLC.

6

42ND AV. (PALACE AV.)

BAYSIDE MANOR APARTMENTS
FOR REPORT SEE SHEET NO. 9

6282

6283
(1997)

ST. ARMENIAN APOSTOLIC CHURCH

6284
(1998)

(CONC.) GARAGE

BELL PLAZA OFF. BLDG.

7

212TH ST. (NELSON)

213TH ST.

43RD AV. (LAWRENCE BLVD.)

9

6285

6286

6287

COLLEGE POINT SAVINGS BANK

RAMP

SALES & SERVICE

PARK'G

BELL BLVD. (AV.)

11

NORTHERN BLVD. (BROADWAY) (JACKSON AV.)

AUTO SALES & SERV.

CHURCH

7313

AUTO RER.

CAR WASH.

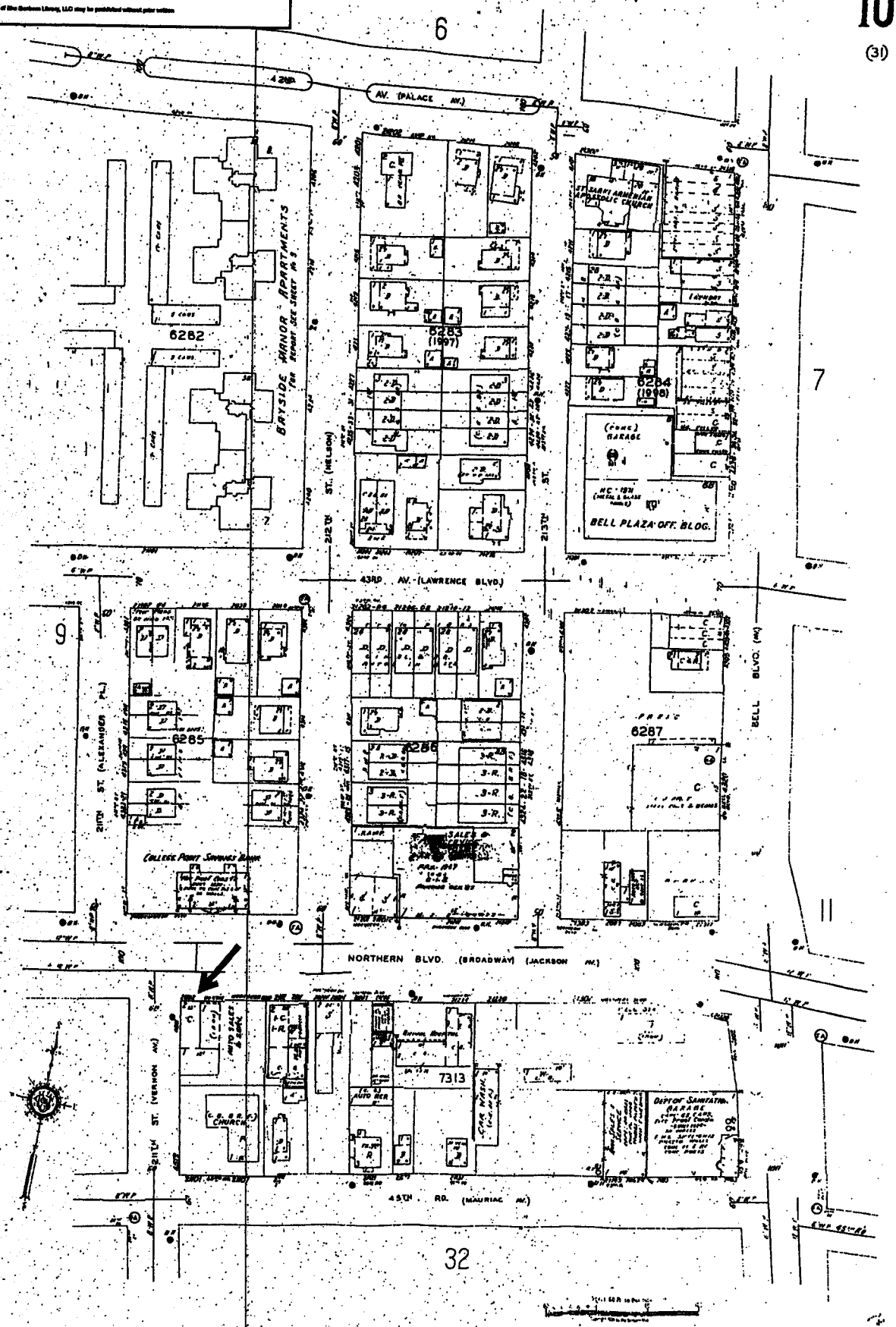
DEPT OF SANITATION GARAGE

211TH ST. (VERNON AV.)

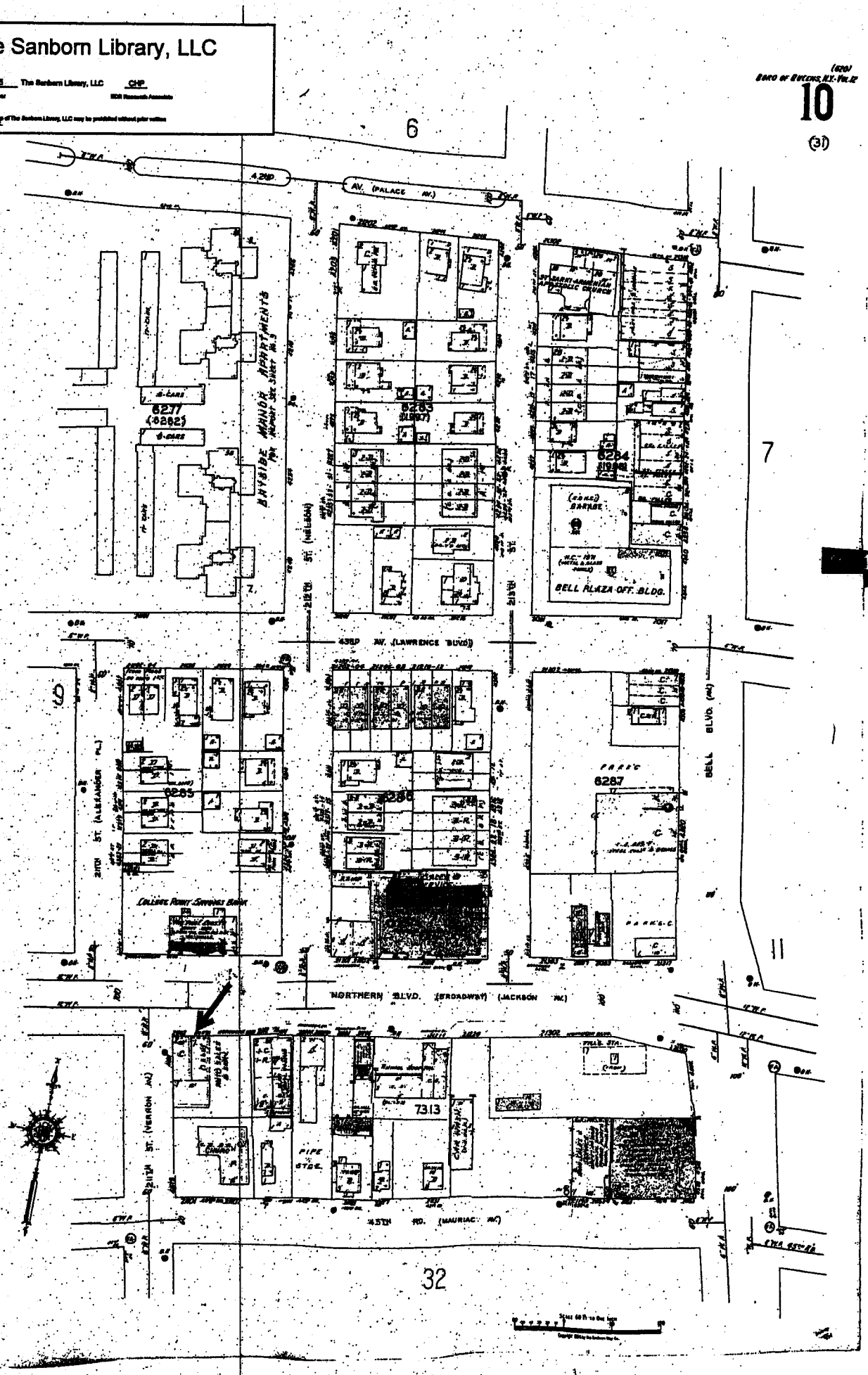
45TH RD. (MAURIAC AV.)

32

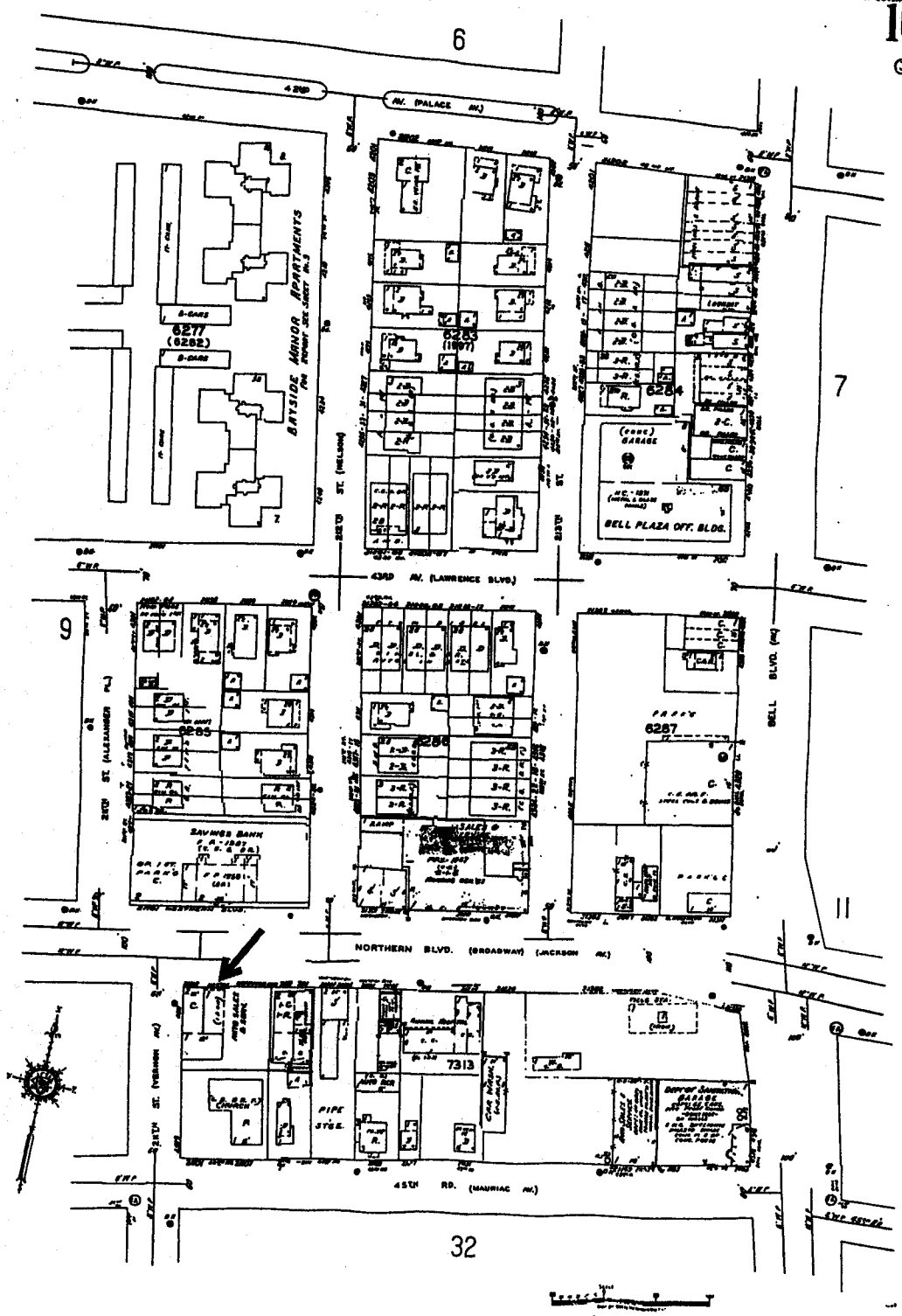
The Sanborn Library, LLC
Copyright © 1962 The Sanborn Library, LLC CHP
Year SDX Research Associates
In whole or in part of any map of the Sanborn Library, LLC may be published without prior written from The Sanborn Library, LLC



The Sanborn Library, LLC
Copyright © 1985 The Sanborn Library, LLC CHP
Year
Sanborn Associates
In whole or in part of any map of The Sanborn Library, LLC may be published without prior written from The Sanborn Library, LLC.



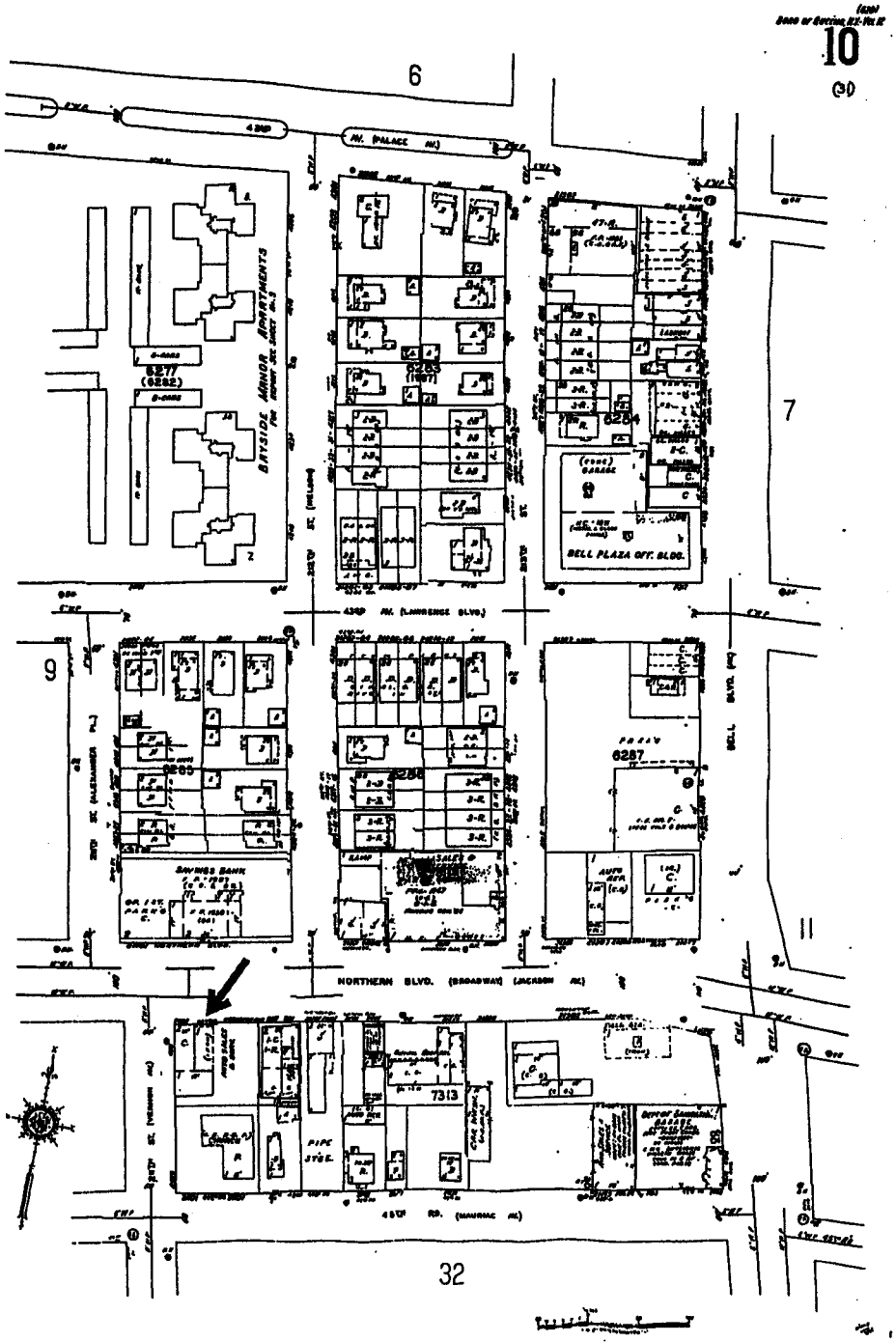
The Sanborn Library, LLC
Copyright© 1988 The Sanborn Library, LLC CHP
Year ERIM Research Association
This website or its part of any map of The Sanborn Library, LLC may be published without prior written permission from The Sanborn Library, LLC.



The Sanborn Library, LLC

Copyright© 1991 The Sanborn Library, LLC CHP
Year EDR Research Associate

Use in whole or in part of any map of The Sanborn Library, LLC may be prohibited without prior written license from The Sanborn Library, LLC

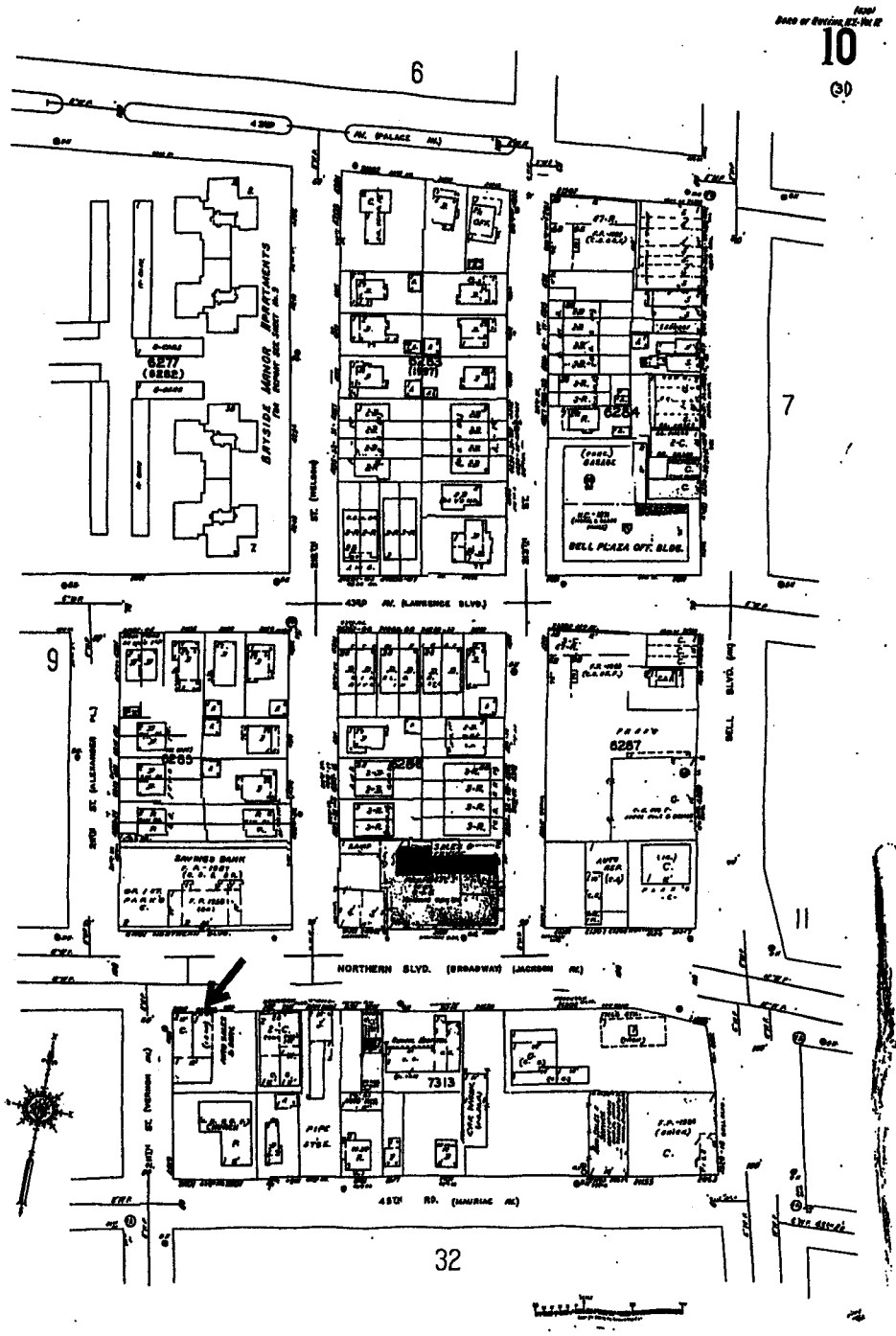


©1991 Sanborn Co., EDR Sanborn, Inc.

The Sanborn Library, LLC

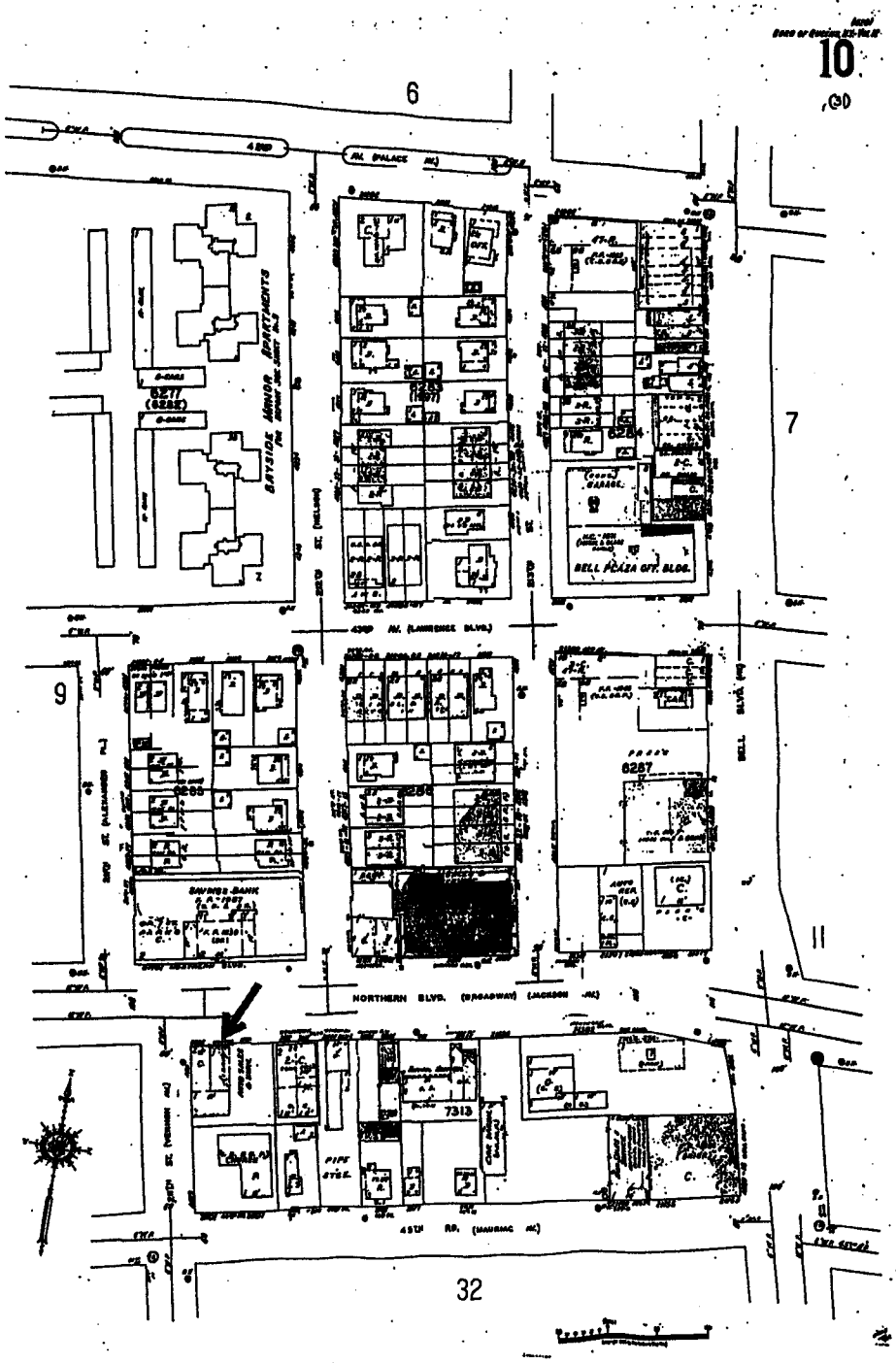
Copyright© 1992 The Sanborn Library, LLC CHP
Year EDR Research Associate

Use in whole or in part of any map of The Sanborn Library, LLC may be prohibited without prior written consent from The Sanborn Library, LLC.



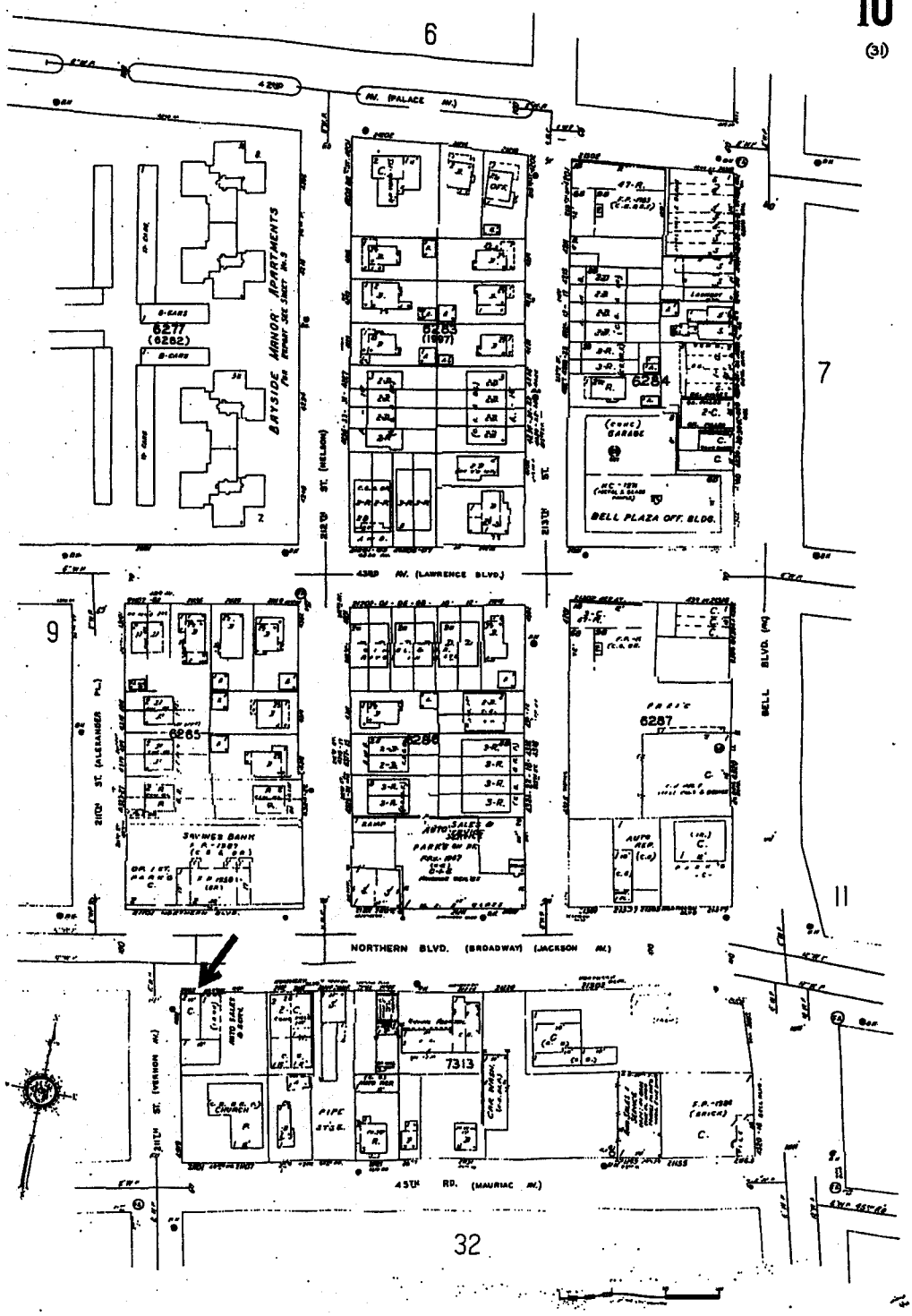
© 1992 Sanborn Co., EDR Sanborn, Inc.

The Sanborn Library, LLC
Copyright© 1993 The Sanborn Library, LLC CHP
EDR Research Associate
This website or its part of any map of The Sanborn Library, LLC may be published without prior written permission of The Sanborn Library, LLC



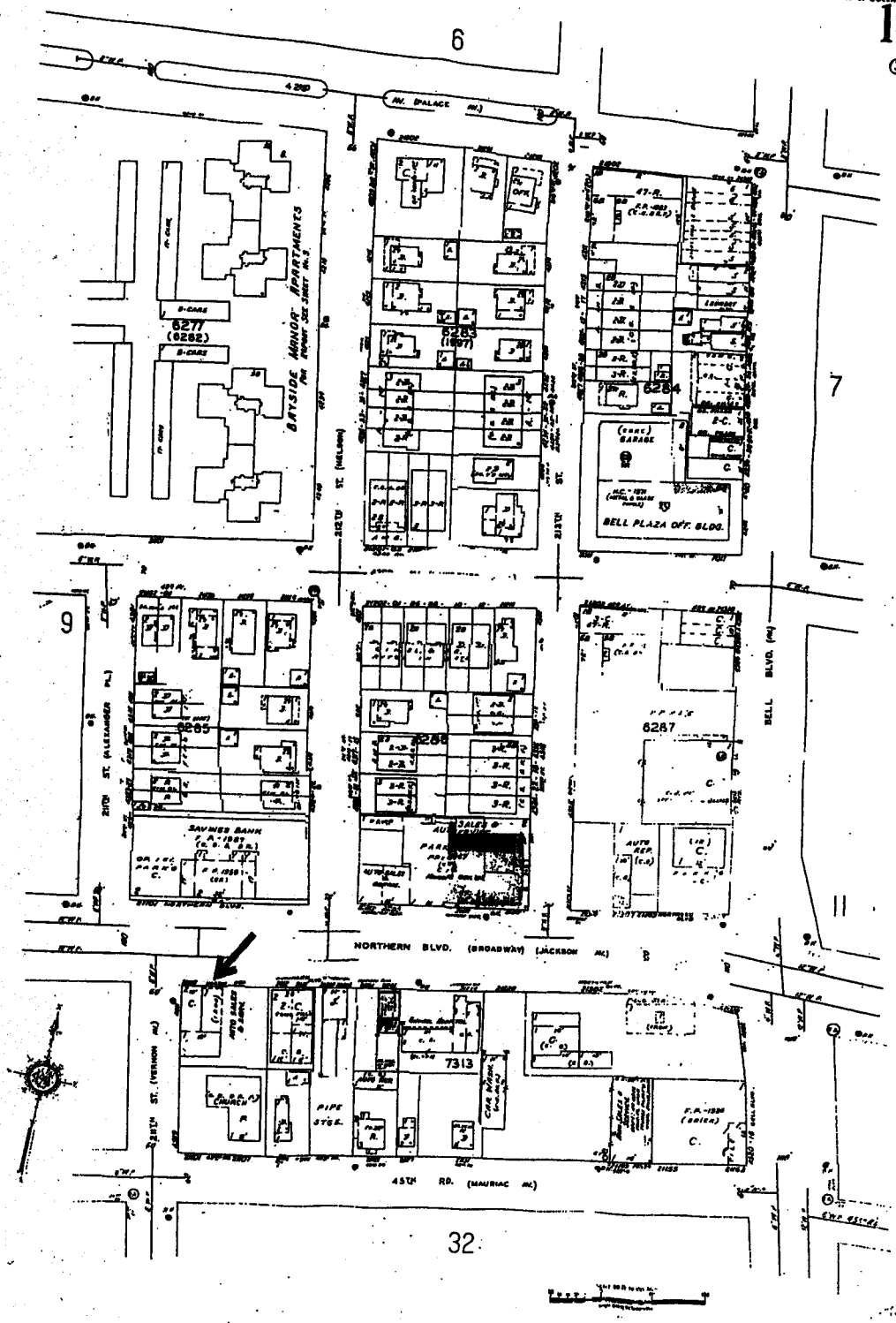
© 1993 Sanborn Co., EDR Sanborn, Inc.

The Sanborn Library, LLC
Copyright© 1994 The Sanborn Library, LLC CHP
Year EDR Research Associate
This in whole or in part of any map of The Sanborn Library, LLC may be prohibited without prior written consent from The Sanborn Library, LLC.



©1994 Sanborn Co., EDR Sanborn, Inc.

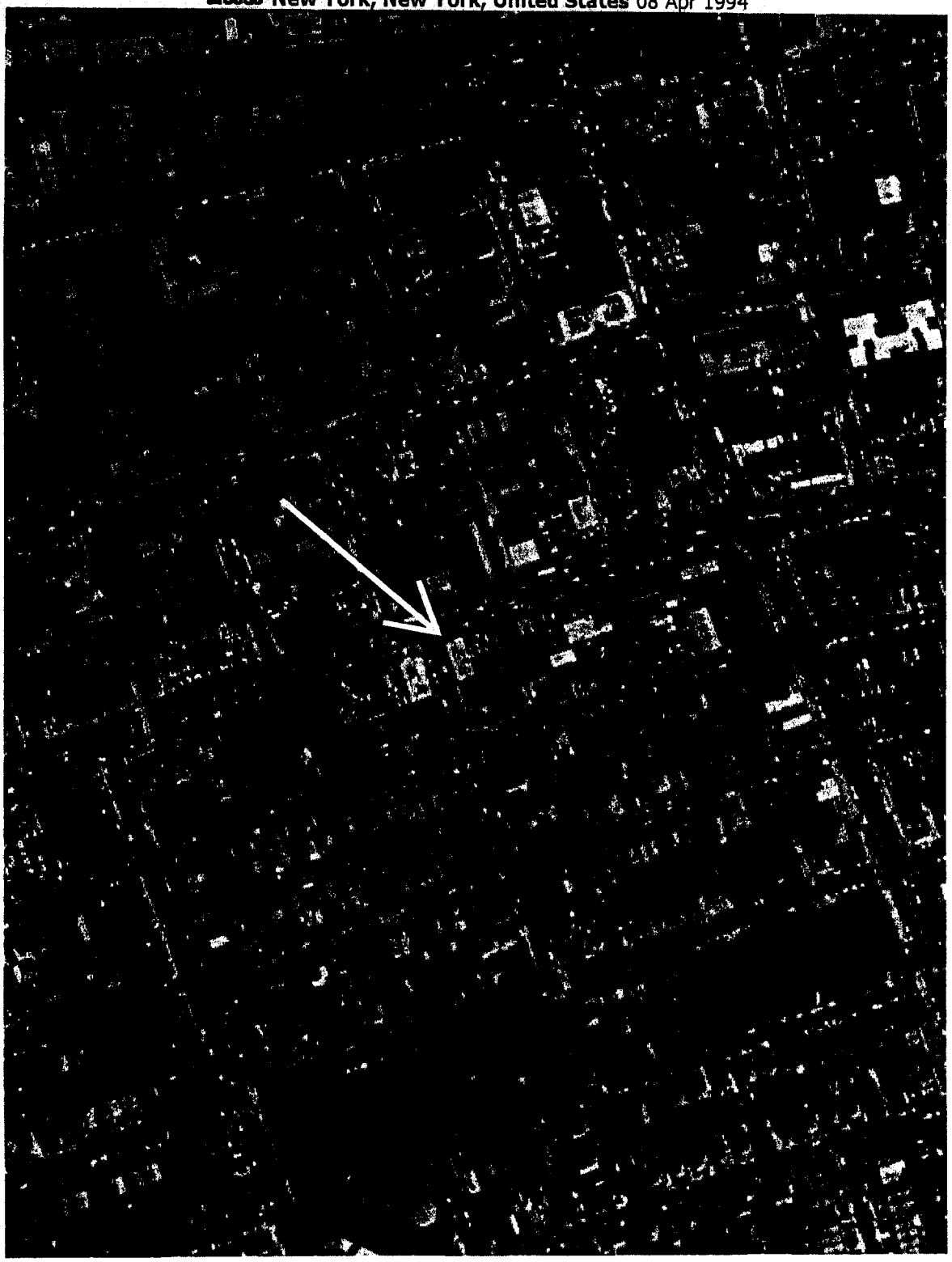
The Sanborn Library, LLC
Copyright© 1995 The Sanborn Library, LLC CHP
Year EDR Research Associate
Any in whole or in part of any map in The Sanborn Library, LLC may be published without prior written from The Sanborn Library, LLC



© 1995 Sanborn Co., EDR Sanborn, Inc.

APPENDIX E
HISTORICAL AERIAL PHOTOS

USGS New York, New York, United States 08 Apr 1994



0 100M 0 100yd

Image courtesy of the U.S. Geological Survey

© 2004 Microsoft Corporation. **Terms of Use** **Privacy Statement**

The EDR Aerial Photo Decade Package

SI-20287
211-08 Northern Blvd
Bayside, NY 11361

Inquiry Number: 1614967.46

February 16, 2006

EDR® Environmental Data Resources Inc

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

THE EDR AERIAL PHOTO DECADE PACKAGE

Environmental Data Resources, Inc.s (EDR) Aerial Photography Print Service is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDRs professional researchers provide digitally reproduced historical aerial photographs at one photo per decade.

References

EPAs Standards and Practices for All Appropriate Inquiries (AAI), section 312.24, identifies the historical sources of information necessary to achieve the objectives and performance factors of section 312.20. According to AAI, *"historical documents and records may include, but are not limited to, aerial photographs, fire insurance maps, building department records, chain of title documents, and land use records."*

To meet the prior use requirements of ASTM E 1527-05, Section 8.3.2, the following standard *historical sources* may be used: aerial photographs, fire insurance maps, property tax files, land title records (although these cannot be the sole historical source consulted), topographic maps, city directories, building department records, or zoning/land use records. ASTM E 1527-05, Section 8.3 on Historical Use Information, identifies the prior use requirements for a Phase I environmental site assessment. ASTM E 1527-05 requires *"All obvious uses of the property shall be identified from the present, back to the property's first developed use, or back to 1940, whichever is earlier. This task requires reviewing only as many of the standard historcal sources as are necessary and both reasonably ascertainable and likely to be useful."* (ASTM E 1527-05, Section 8.3.2) *Reasonably ascertainable means information that is publicly available, obtainable from a source within reasonable time and cost constraints, and practically reviewable.*

Data Gaps

In order to address *data gaps*, additional sources of information may be consulted. According the AAI, Section 312.20 (g), *"to the extent there are data gaps (as defined in section 312.10) in the information developed...that affect the ability of persons (including the environmental professional) conducting the all appropriate inquiries to identify conditions indicative of releases or threatened releases...such persons should identify such data gaps, identify the sources of information consulted to address such data gaps, and comment upon the significance of such data gaps."* According to ASTM E 1527-05, Section 8.3.2.3, *"historical research is complete when either: (1) the objectives in 8.3.1 through 8.3.2.2 are achieved; or (2) data failure is encountered. Data failure occurs when all of the standard historical sources that are reasonably ascertainable and likely to be useful have been reviewed and yet the objectives have not been met....If data failure is encountered, the report shall document the failure and, if any of the standard historical sources were excluded, give the reasons for their exclusion."*

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

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report AS IS. Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2006 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

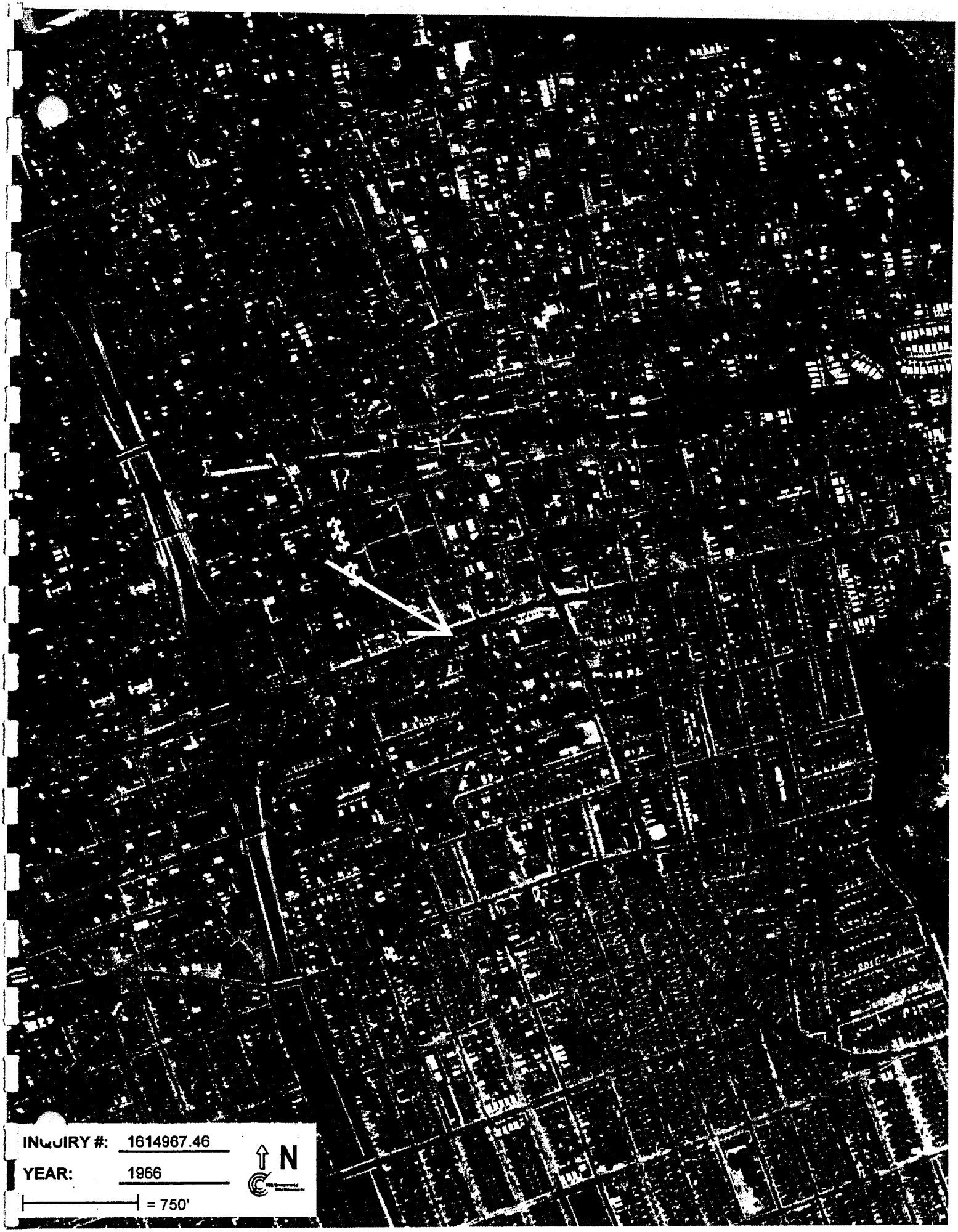
EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Date EDR Searched Historical Sources:
Aerial Photography February 16, 2006

Target Property:
211-08 Northern Blvd
Bayside, NY 11361

Year	*Scale*	*Details*	*Source*
1954	Aerial Photograph. Scale: 1"=750'	Panel #: 2440073-G7/Flight Date: February 23, 1954	EDR
1966	Aerial Photograph. Scale: 1"=750'	Panel #: 2440073-G7/Flight Date: February 23, 1966	EDR
1975	Aerial Photograph. Scale: 1"=750'	Panel #: 2440073-G7/Flight Date: April 01, 1975	EDR
1984	Aerial Photograph. Scale: 1"=750'	Panel #: 2440073-G7/Flight Date: April 27, 1984	EDR
1994	Aerial Photograph. Scale: 1"=833'	Panel #: 2440073-G7/Flight Date: April 08, 1994	EDR

INQUIRY #: 1514967.46
YEAR: 1954
= 750'
N


INQUIRY #: 1614967.46
YEAR: 1966
= 750'
N

INQUIRY #: 1614967.46
YEAR: 1975
= 750'
N

1-8-63
INQUIRY #: 1614967.46
YEAR: 1984
= 750'
N

INQUIRY #: 1614967.46
YEAR: 1994
= 833'
N

APPENDIX F
HAZARDOUS MATERIAL & ENVIRONMENTAL RECORDS

CITY OF NEW YORK - FIRE DEPARTMENT

Public Records / Tank Search Report

Date Received: Thursday, March 02, 2006

Request Type: Tanks - Mail In

*Requester Mailing Information

STEVE OAK

117 KINDERKAMACK ROAD #105

RIVER EDGE, NEW JERSEY 07661

*None

*Contact Telephone No.

201 526-0224

*Name

*Company

*House # - Street/Apt/Floor

*Borough, State, Zip Code

Reference No.

T 2150

*Search Type Customer Requested	$40 - (Both) Fuel / Motor - Existing & Removed		
*Search Address	211-08 NORTHERN BLVD.		
*Borough	5 - Queens	*Payment Type	Cashier
*Payment No.	16566		
*Data Entry Status	*No Record Found		
*Data Entered	3/10/2006	*Entered By	DR

Dear Customer,

We have completed a search for the address and the requested information listed above. In the "Search Status" box below, we have listed the results and any additional comments we may have regarding the search.

	*No Record Found		
	4/4/2006		DR

Place FDNY Certification Stamp Below

THIS IS A TRUE COPY OF THE ORIGINAL DOCUMENT ON FILE WITH FDNY

SIGNATURE

IMPORTANT NOTICE: THIS REPORT IS NOT VALID WITHOUT THE FDNY CERTIFICATION STAMP PLACED IN THIS BOX.

Supervisor's Section

New York State Department of Environmental Conservation
Regional Enforcement Coordinator, Region 2, Regional Direction
47-40 21ST Street, Long Island City, NY 11101-5407
Phone: (718) 482-4507 • **FAX:** (718) 482-6729
Website: www.dec.state.ny.us

Denise Sheehan
Commissioner

Date: March 07, 2006

FOIL # R2-06-212

Steve Oak/JMK
201-525-0224
Fax 201-525-0229

RE: 211-08 Northern Blvd in Bayside, Queens

Dear Mr. Oak:

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.

X☐ After a diligent search, no records could be located for the names and/or addresses you provided.

Thank you for your request. If additional information is needed, please call Gloria Silva/FOIL Secretary at (718) 482-4507, or fax your response to me.

Sincerely yours,

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

APPENDIX G
ENVIRONMENTAL QUESTIONNAIRE

JMK ENVIRONMENTAL

SITE ASSESSMENT QUESTIONNAIRE

Adapted from ASTM E 1527

Project Number: 20287 – SI

Address: 211-08 Northern Blvd
Bayside, NY 11361

Project Name:

Completed by: Name: Steve Oak

Signature:

Date: 2/16/06

Please fill out this form and fax it back to our office at (201) 525-0229, Our Phone Number is (201) 525-0224.

Individual completing questionnaire is: (X) **Owner/Owner's Rep.** ( ) **Occupants/Mgr** ( ) **JMK Field Inspector**

Name: Michael Quick Treasurer

Signature: Michael Quick

Instructions: Please circle the appropriate answer under owner or occupant, as applicable.

Question	Owner/Owner's Representative	Occupants/Mgr (If Applicable)	Observed During JMK's Site Visit
1 Is the property or any adjoining property used for an industrial use?	Yes **(No)** Unknown	Yes No Unknown	Yes No **(Unknown)**
2 To the best of your knowledge, has the property or any adjoining property been used for an industrial use in the past?	Yes **(No)** Unknown	Yes No Unknown	Yes No **(Unknown)**
3 Is the property or any adjoining property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?	Yes **(No)** Unknown	Yes No Unknown	Yes No **(Unknown)**
4 To the best of your knowledge, has the property or any adjoining property been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?	**(Yes)** No Unknown Motor Repair	Yes No Unknown	Yes No **(Unknown)**
5 Are there currently, or to the best of your knowledge, have there been previously, any damaged or discarded automotive or industrial batteries, or pesticides, paints or other chemicals in individual containers of greater than 5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility?	Yes **(No)** Unknown	Yes No Unknown	Yes No **(Unknown)**

Question	Owner	Occupants (If Applicable)	Observed During JMK's Site Visit
6 Are there currently, or to the best of your knowledge, have there been previously, any industrial drums (typically 55 gal (208 L) or sacks of chemicals located on the property or at the facility?	Yes **No** Unknown	Yes No Unknown	Yes No **Unknown**
7 Has fill dirt been brought onto the property that originated from a contaminated site or that is of an unknown origin?	Yes **No** Unknown	Yes No Unknown	Yes No **Unknown**
8 Are there currently, or to the best of your knowledge, have there been previously, any pits, ponds or lagoons located on the property in connection with waste treatment or waste disposal?	Yes **No** Unknown	Yes No Unknown	Yes No **Unknown**
9 Are there currently, or to the best of your knowledge, have there been previously, any stained soils on the property?	Yes **No** Unknown	Yes No Unknown	Yes No **Unknown**
10 Are there currently, or to the best of your knowledge, have there been previously, any registered or unregistered storage tanks (above or underground) located on the property? SEE PHASE I & II	**Yes** No Unknown TANKS REMOVED	Yes No Unknown	Yes No **Unknown**
11 Are there currently, or to the best of your knowledge, have there been previously, any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property?	Yes **No** Unknown	Yes No Unknown	Yes No **Unknown**
12 Are there currently, or to the best of your knowledge, have there been previously, any flooring, drains, or walls located within the facility that are stained by substances other than water or are emitting foul odors?	Yes **No** Unknown	Yes No Unknown	Yes No **Unknown**
13 If the property is served by a private well or nonpublic water system, have contaminants been identified in the well or system that exceed guidelines applicable to the water system or has the well been designated as contaminated by any government environmental/health agency?	Yes **No** Unknown	Yes No Unknown	Yes No **Unknown**
14 Does the owner or occupant of the property have any knowledge of environmental lien or governmental notification relating to past or recurrent violations of environmental laws with respect to the property or any facility located on the property?	Yes **No** Unknown	Yes No Unknown	Yes No **Unknown**

Substances [illegible]
Chrysler Realty Corp. prior to 1997
see Phase I + II

Question	Owner	Occupants (If Applicable)	Observed During JMK's Site Visit
15 Has the owner or occupant of the property been informed of the past or current existence of hazardous substances or petroleum products or environmental violations with respect to the property or any facility located on the property?	Yes No Unknown	Yes No Unknown	Yes No Unknown
16 Does the owner or occupant of the property have any knowledge of environmental site assessment of the property or facility that indicated the presence of hazardous substances or petroleum products on, or contamination of, the property or recommended further assessment of the property?	Yes No Unknown	Yes No Unknown	Yes No Unknown
17 Does the owner or occupant of the property know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release of threatened release of any hazardous substance or petroleum products involving the property by any owner or occupant of the property?	Yes No Unknown	Yes No Unknown	Yes No Unknown
18 Does the property discharge wastewater on or adjacent to the property other than storm water into a storm drain?	Yes No Unknown	Yes No Unknown	Yes No Unknown
19 To the best of your knowledge, have any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries or any other waste materials been dumped above grade, buried and/or burned, on the property?	Yes No Unknown	Yes No Unknown	Yes No Unknown
20 Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs?	Yes No Unknown	Yes No Unknown	Yes No Unknown

Additional notes:

APPENDIX H
OTHER RECORDS & PERTINENT DOCUMENTS

21102 Northern Blvd
Flushing NY 11361

FASTWeb
Property Profile

Property Information

Owner(s)	Christina Anthony Realty Assoc / I Corp	Parcel #	07313-00005
Property	21102 Northern Blvd	Map Coord	33-01-07; 33-01-07
	Flushing, NY 11361	Census Tract	1447.00
Mailing Addr	Po Box 610438	County	Queens
	Bayside , NY 11361	Owner Phone	

Legal	
Lot Number	5

Characteristics

Use	Garage	Year Built	2002	Sq. Feet	3640
Zoning	R6B	Lot Size	.2296	# of units	
Bedrooms		Bathrooms		Fireplace	
#Rooms		Quality		Heating	
Pool/Spa	N	Air	N	Style	
Stories	1	Improvements		Parking	
Flood					

Attributes	
Other	

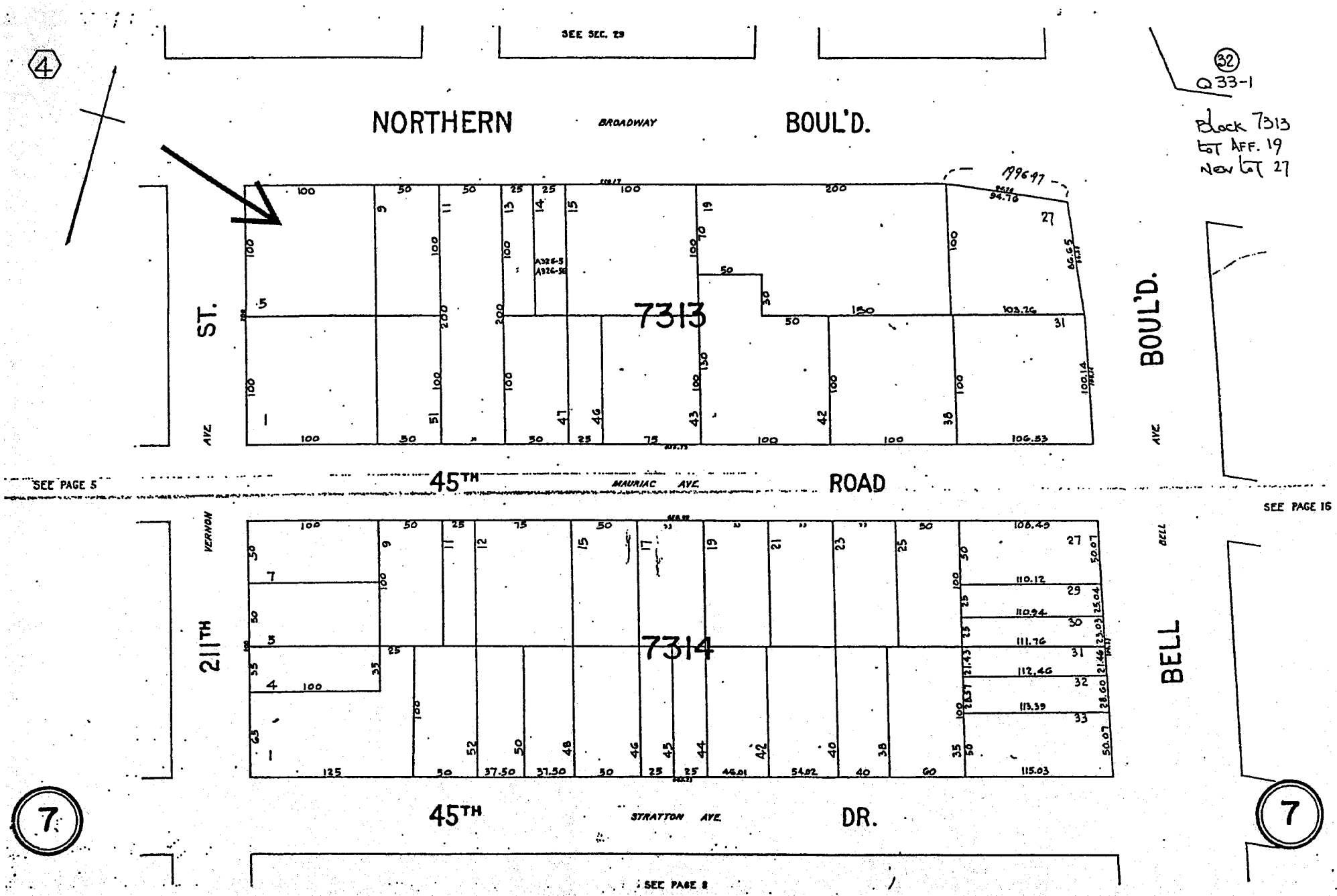
Property Sale Information

Sale Date	09/29/1997	$/Sq. Ft.	$645.60	2nd Mtg.	
Sale Price	$2,350,000.00	1st Loan	$2,115,000.00	Prior Sale Amt.	
Doc No.	4713-51	Loan Type	Conventional	Prior Sale Dt.	
Doc Type	Deed (reg)	Xfer Date	10/30/1997	Prior Doc No.	
Seller	Chrysler Realty Corp	Lender	Chrysler Fin`l Corp	Prior Doc Type	

Tax Information

Imp Value	$202,500.00	Exemption	
Land Value	$189,990.00	Tax Year/Area	2005/4
Total Value	$392,490.00	Tax Value	$392,490.00
Tax Amount	$19,254.44	Improved	52%

Information compiled from various sources and is deemed reliable but not guaranteed.


4
SEE SEC. 29
32
Q 33-1
Block 7313
Lot Aff. 19
New Lot 27
NORTHERN
BROADWAY
BOUL'D.
ST.
AVE.
7313
BOUL'D.
AVE.
SEE PAGE 5
45TH
MAURIAC AVE.
ROAD
SEE PAGE 16
VERNON
211TH
7314
BELL
BELL
45TH
STRATTON AVE.
DR.
7
7
SEE PAGE 8

*Property Profile**

Chicago Title

Primary Owner: CHRISTINA ANTHONY REA

Secondary Owner:

Mail Address: PO BOX 610438
BAYSIDE NY 11361

Site Address: 21102 NORTHERN BLVD
BAYSIDE NY 11361

Assessor Parcel Number: 7313-5

Phone: - -

Census Tract: 1447.00

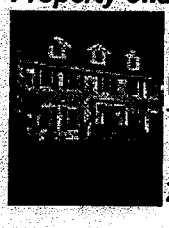
Housing Tract Number:

Lot Number: 5

Page Grid:

Legal Description:

Property Characteristics



Bedrooms -	Year Built - 2002	Square Feet - 3,640 SF
Bathrooms -	Garage - /	Lot Size - 10,000 SF
Total Rooms -	Fireplace -	Number of Units - 2
Zoning - R6B	Pool - /	Use Code - Vehicle Rentals, Vehicle Sales (auto/truck/RV/boat/etc.)

Transfer Date - 09/29/1997	Seller - N/A	Document # - BK-PG: 4713-50
Transfer Value - N/A		Cost Per Square Feet - N/A
First Loan Amount - N/A	Lender - N/A MTG	

Assessment & Tax Information

Assessed Value - $396,450	Percent Improvement - 51.08%	Homeowner Exemption -
Land Value - $193,950	Tax Amount -	Tax Rate Area -
Improvement Value - $202,500	Tax Account ID -	
Market Improvement Value - $450,000	Market Land Value - $431,000	Market Value- $881,000

APPENDIX I
SBA ENVIRONMENTAL CERTIFICATION

ENVIRONMENTAL CONTRACTOR'S CERTIFICATION

April 7, 2006

1. Contractor's Name: JMK Environmental Solutions, Inc.
2. Contractor's Address: 1030 N. Maclay Avenue, San Fernando, CA 91340
   a. Project Location: 211-08 Northern Blvd Bayside, NY 11361 (SI-20287)
3. Person Completing Form: Mary Osborne, Environmental Assessor
4. *Identify each employee who will be performing the assessment or preparing the report showing the results of the inspection, and the training and relevant experience of each:*

Employee:	Education Degrees, Training and Experience:
Jay Kwon	NJIT M.S., REA, CEI – 14 years of experience
Mary Osborne	B.S., REA – 16 years of experience

5. *Describe the generally recognized standards which contractor will use to perform the assessment.*

   Our Environmental reports are prepared in reference to the limitations as set forth by the American Society for Testing and Materials (ASTM) Standard Practice E1527-00, and industry standards applicable to the similar assessment by recognizable environmental consulting industries.

6. *Disclose the nature of any previous environmental inspections contractor has ever performed for the seller of the property, or the buyer of the property.*

   JMK, has not conducted previous environmental inspections for the seller or buyer of the property, based on the current transaction.

7. *Disclose the nature of any affiliation or association contractor now has, or ever had, with the above-referenced seller of the property, or the above-referenced buyer of the property.*

   All relations are "strictly business" in nature.

8. *Please describe the liability insurance carried by contractor to cover claims in the event that it fails to discover adverse environmental conditions during an environmental inspection.*

   JMK's environmental site assessment work is covered by general aggregate liability insurance of $2,000,000.

The undersigned hereby certifies, under penalty of the criminal and/or civil penalties in 18 U.S.C. § 1001 for false statements to the United States Government, that the above information is true and correct.

Signature:

Mary Osborne

Mary Osborne, Project Manager
CA Registered Environmental Assessor
JMK Environmental Solutions, Inc.

April 7, 2006

J.R. Holzmacher P.E., LLC

300 Wheeler Road, Suite 303, Hauppauge, New York 11788-4300
Tel: (631) 234-2220 Fax: (631) 234-2221 e-mail: info@holzmacher.com

September 12, 2007

John Wuthenow
Director, Site Assessment
New York City Department of Environmental Protection
Bureau of Environmental Planning and Analysis
59-17 Junction Boulevard, 11th Floor
Flushing, New York 11373

Re: Phase II ESA
211-08 Northern Blvd, Bayside
Block 7313, Lot 5
Spill File 0704037

Dear Mr. Wuthenow,

J.R. Holzmacher P.E. LLC (JRH) has prepared the following report to document the results of the Phase II Environmental Site Investigation (ESA) performed at the above referenced property on June 21 and 22, 2007. The Phase II ESA was conducted on behalf of Jeewha and Steve Kim, the property owners, with the understanding that the Phase II ESA is a prerequisite for the Department's approval of a Construction Work Plan and a Construction Health And Safety Plan (CHASP). A Phase II work plan was submitted on May 16, 2007 and approved by the NYCDEP on June 5, 2007.

During the implementation of the approved work plan, significant petroleum contamination was detected in one sample from one boring. Therefore, the New York State DEC Spills Hotline was called and Spill File 0704037 was issued. JRH contacted Mr. Jeffrey Vought of the DEC who requested additional borings and samples to delineate both the horizontal and vertical extent of this contamination. This work was conducted on August 20, 2007 and the data are presented and described in this report.

Please note that site construction calls for the excavation of the top 20 feet of soil. Any petroleum contamination that was encountered above and below 20 feet will be removed and properly disposed of.

Background

The subject property, 211-08 Northern Boulevard, is an approximate 10,000 square foot parcel located between 211th Street and 212th Street in Bayside, New York. An inactive auto sales store, built in 2002 by Kia of Bayside, currently exists on the site. This property has been designated with a Hazardous Materials "E" (E-25) as part of the Bayside Rezoning Action (CEQR # 89-271Q). Adjacent properties include multiple-tenant commercial buildings to the northeast and northwest (211-11 and 211-12 Northern

Blvd.), Kingdom of Jehovah's Witnesses to the Southeast (211-05 Northern Blvd.), and a restaurant (211-20 and 211-22 Northern Blvd.) to the southwest of the property.

Previous Investigations:

JMK, retained by Woori America Bank, conducted a Phase I Environmental Assessment (ESA) at 211-08 Northern Blvd., Bayside, NY 11361 on February 16, 2006. From the 1950's to 1990's, various commercial businesses and automobile service companies have occupied this site. According to the EDR regulatory database search presented in the Phase I ESA, the subject property is listed on the Federal RCRA Generators List. This site is listed on RCRA-Small Quantity Generators (SQGs) as Bayside Chrysler Plymouth at 211-02 Northern Boulevard, with no listed generator related violations.

There are 31 Leaking Storage Tank Incident Reports identified within a ½ mile radius of the subject property. No significant environmental problems from adjoining properties were observed. This is because of the relative distances from the above referenced property, and the direction of groundwater flow under Bayside, Queens. 211-02 (now 211-08) Northern Blvd. was on the New York State Spills database (spill closed 4/20/1999). There are 8 other sites on the Historical Spills list within 1/8 of a mile from the site.

Initial Soil Borings and Soil Sample Collection

Initially seven soil borings were drilled on the property. As per the work plan, two soil samples were collected from each of the four borings designated B-1, B-2, B-3 and B-4. Three additional borings, W-1, W-2 and W-3 were drilled to collect groundwater samples. The soil boring locations are shown on Figure 1.

At each soil sampling boring location soil samples were collected continuously from land surface to 25 feet below grade using a Geoprobe™. The Geoprobe™ uses direct push technology to drive core samplers to the desired depth for soil sample collection. This method can be performed quickly, so if refusal occurs, a new location can be accessed with minimal effort. Land, Air, Water Environmental Services, Inc of Center Moriches, New York provided the Geoprobe™ services 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.

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 and field screened for the presence of VOCs using a Mini Rae 2000 portable photoionization detector (PID). Based on these descriptions geologic soil-boring logs were prepared (Attachment A).

The 0 to 2 foot below grade sample at each boring location were collected for analysis. Based on visual/olfactory evidence of contamination and/or elevated PID readings a second soil sample from each boring was also delivered to American Analytical Laboratories, Farmingdale, New York (NYSDOH ELAP #11418) for analysis. Where no visual evidence or elevated PID readings were observed, a second sample was collected from 23 to 25-feet below grade.

Soil samples were analyzed for: volatile organic chemicals (VOCs) by EPA Method 8260; semi-volatile organic chemicals (SVOCs) by EPA Method 8270; Pesticides/PCBs by EPA Methods 8081/8082; and the Target Analyte (TAL) metals.

Groundwater Sample Collection

The United States Geologic Survey (USGS) Water Table on Long Island Map, March 1983, indicated that the depth to groundwater in the area of the subject property was approximately 50 feet below grade. Three additional borings designated W-1, W-2, and W-3 were advanced to groundwater (Figure 1).

Groundwater samples were collected and analyzed for: volatile organic chemicals (VOCs) by EPA Method 8260; semi-volatile organic chemicals (SVOCs) by EPA Method 8270; Pesticides/PCBs by EPA Methods 8081/8082; and the Target Analyte (TAL) metals. Both filtered and unfiltered TAL metals analysis was conducted on the groundwater samples.

Analytical Results- Soil -

American Analytical Laboratories analyzed the soil samples for VOCs by EPA Method 8260, SVOCs by EPA Method 8270, Pesticides/PCBs by EPA Methods 8081/8082, and the 23 TAL metals by EPA Method SW6010B/7471B. The laboratory report is presented in Attachment B. Soil analytical results were compared to the NYSDEC Recommended Soil Cleanup Objectives (RSCOs) specified in the NYSDEC Technical and Administrative Guidance Memorandum (TAGM) 4046 guidance document to determine if additional investigation and/or remediation is warranted.

Pesticides-

Pesticide data are summarized on Table 1. There were trace detections of pesticides in all of the soil samples except for sample B-2 (0-2 ft). However, there were no pesticides detected above their respective NYSDEC RSCOs in any of the nine samples. Boring sample B-1 (20-25 ft) indicated a concentration of chlordane just below the NYSDEC RSCO of 540 ppb.

Polychlorinated Biphenyls (PCBs)-

There were no detections of PCBs in any of the nine soil samples (Table 2).

Volatile Organic Compounds (VOCs)-

EPA Method 8260 was used to analyze soil samples collected from all borings and analyzed depths. Soil analytical results were compared to the NYSDEC Recommended Soil Cleanup Objectives (RSCOs) specified in the NYSDEC Technical and Administrative Guidance Memorandum (TAGM) guidance document to determine if additional investigation and/or remediation is warranted (Table 7).

No VOCs were detected above their respective RSCOs in eight of the nine soil samples collected. However, nine VOC compounds were above their respective NYSDEC RSCOs in soil sample B-1 (20-25 ft). These compounds are petroleum related, therefore, the New York State DEC Spills Hotline was called and Spill File 0704037 was assigned.

Semi-Volatile Organic Chemicals (SVOCs)-

There were no detections of SVOCs in five of the nine soil samples (Table 4). Boring W-3 (0-2 ft) and B-1 (20-25 ft) were the only samples that indicated detections of SVOCs (benzo (a) anthracene, benzo (a) pyrene, chrysene, and naphthalene) above their respective NYSDEC RSCOs.

TAL Metals-

The 23 Target Analyte List (TAL) metals (EPA 6010B and EPA 7471B) were analyzed for in all soil samples collected during this investigation. Table 5 summarizes these data. Arsenic, cadmium, chromium, iron, mercury, nickel, and zinc were detected slightly above their respective RSCOs in the soil samples.

Mercury concentrations are just above the RSCO in two of nine samples, boring B-1 (20-25 ft) and boring W-3 (0-2 ft). Cadmium was slightly above the RSCO in boring B-1 (20-25 ft). Chromium and zinc concentrations were above the RSCO in six of the soil samples. Nickel was detected just above the RSCO in two of the samples: B-2 (0-2 ft) and B-3 (12-15 ft).

Analytical Results-Groundwater

American Analytical Laboratories analyzed the three-groundwater samples (W-1, W-2 and W-3) for VOCs by EPA Method 8260, SVOCs by EPA Method 8270, Pesticides/PCBs by EPA Methods 8081/8082, and the 23 TAL metals by EPA Method SW6010B/7470A (both total and dissolved).

The laboratory report is provided in Appendix B. Groundwater analytical results were compared to the New York State Groundwater Standards specified in the NYSDEC Addendum to June 1998 Division of Water Technical and Operational Guidance Series

(TOGS) No. 1.1.1. There were no detections of VOCs, SVOCs, pesticides, or PCBs in the three-groundwater samples.

Table 8 summarizes the dissolved and total metals data for groundwater. There were exceedances of groundwater standards for *total* arsenic, chromium, copper, iron, lead, manganese, nickel, and sodium. However, the only *dissolved* metal that exceeded the groundwater standard was manganese.

Investigation of Spill -

Five additional borings were drilled to define the horizontal and vertical extent of the petroleum contamination detected in the 20-25 foot sample in Boring B-1. The locations of these borings are shown on Figure 2; the analytical data are summarized on Tables 6 and 7; analytical reports are included in Attachment 1; and geologic logs (including PID readings) are provided in Attachment 2.

Because boring B-1 was terminated in the zone of contamination, boring B-1A was drilled approximately two- feet away. Soils were screened with the PID from 25 feet to a depth of 45 feet. In these two side-by-side borings, contamination was noted between 15 feet and 30 feet below grade. There were no exceedances of RSCOs in the soil sample collected for laboratory analysis at 32 feet below grade. Tables 6 and 7 summarize the EPA Method 8260 and 8270 analytical data for boring B-1 and the subsequent delineation boring samples.

Boring B-5 was drilled approximately 14 feet to the northwest of B-1. Soil samples were collected continuously from 10 to 30 feet below grade and no PID readings were recorded. A soil sample was collected for analysis at 30 feet below grade and four 8260 compounds were detected but at concentrations significantly below their respective RSCOs There were no 8270 STARS compounds detected.

Boring B-6 was drilled approximately 20 feet north of B-1. There were no PID readings recorded in soil samples collected from ten to thirty feet below grade. The thirty-foot below grade sample was collected for analysis and two 8260 constituents were detected at concentrations significantly below their respective RSCOs. No 8270 STARS constituents were detected.

Boring B-7 was drilled approximately 20 feet southeast of B-1. There were no PID readings recorded in soil samples collected from ten to thirty feet below grade. The thirty-foot below grade sample was collected for analysis and two 8260 constituents were detected at concentrations significantly below their respective RSCOs. No 8270 STARS constituents were detected.

Boring B-8 was drilled approximately 15 feet southwest of B-1, close to the southern property line. Elevated PID readings were recorded from 15 to 25 feet below grade. The 15 to 20- foot sample indicated many 8260 and 8270 constituent detections above their

respective RSCOs. However, the 30- foot sample indicated only two detections of VOCs at concentrations significantly below RSCOs. No 8270 STARS constituents were detected.

In support of this delineation work, the property owners provided JRH with geotechnical boring logs for two nearby borings drilled in support of future site development. GT-1 was drilled 26 feet southeast of B-1 to a depth of 31 feet below grade and GT-2 was drilled approximately 20 feet northwest of B-1 to a depth of 41 feet (Figure 2). No contamination was noted in either boring.

Summary

Soil-

The geologic boring logs are provided in Attachment 2. The site is underlain by medium to fine brown silty sand ranging to a depth of 15 feet below grade. More clay is encountered around 15 to 20 feet below grade. The soil becomes less clayey and sandier below 30 feet.

There were no exceedances of RSCOs for individual pesticides. PCBs were not detected in any samples.

No VOCs were detected above their respective RSCOs in eight of the nine soil samples collected. However, nine VOCs were detected above their respective NYSDEC RSCOs in soil sample B-1 (20-25 ft). These compounds are petroleum related, therefore, the New York State DEC Spills Hotline was called and Spill File 0704037 was assigned.

Seven metals (arsenic, cadmium, chromium, iron, mercury, nickel, and zinc) were present in soil samples at concentrations *just above* their respective RSCOs.

Groundwater-

There were no detections of VOCs, SVOCs, pesticides, or PCBs in the three-groundwater samples. There were exceedances of groundwater standards for *total* arsenic, chromium, copper, iron, lead, manganese, nickel, and sodium. The only *dissolved* exceedance was manganese.

Spill Investigation-

The horizontal and vertical extent of the petroleum contamination has been defined through the drilling of five additional borings and the analysis of five additional samples. The contamination starts at approximately 15 feet below grade and ends at 25 feet (the water table is present at approximately 50 feet below grade). This interval corresponds to abundant clay and silt (low permeability zone) in the geologic formation underlying the property. Because the construction plans call for the excavation of the entire site to a

depth of 20 feet below grade, the excavation will be deepened in the area of the petroleum-contaminated soil. This soil will be removed and properly disposed of under the oversight of JRH.

Based on these data and future development plans we will respectfully request that the NYSDEC close the spill file and the NYCDEP allow the submittal of a Construction Work Plan and a Construction Health And Safety Plan (CHASP) for their review and approval.

If you have any questions or need further information, please do not hesitate to call.

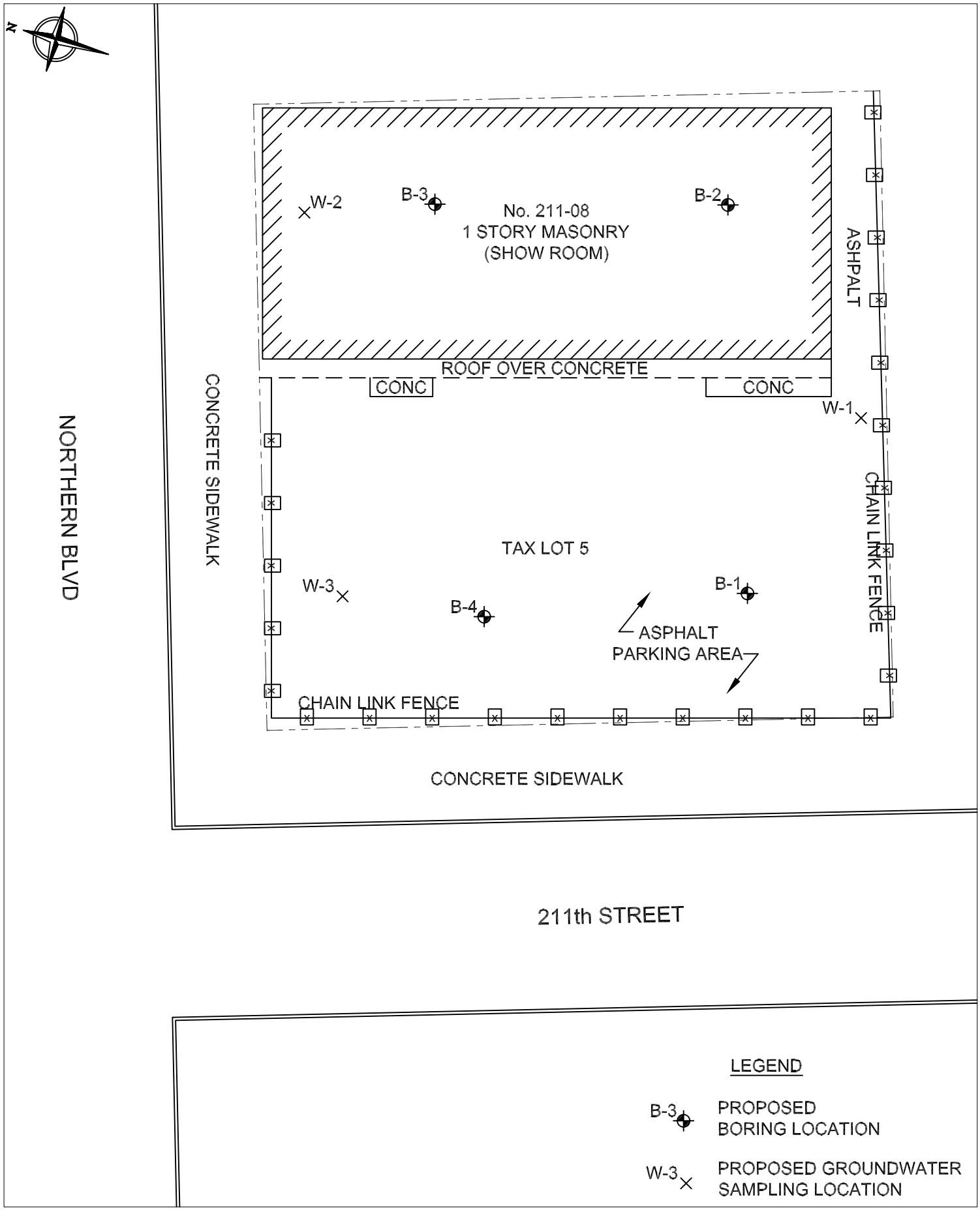
Very Truly Yours,
J.R. Holzmacher P.E. LLC

James M. DeMartinis, P.G.
Senior Hydrogeologist

JMH: JD:

CC: Jeewha & Steve Kim
Jeffrey Vought, NYSDEC
Steven Uccellini

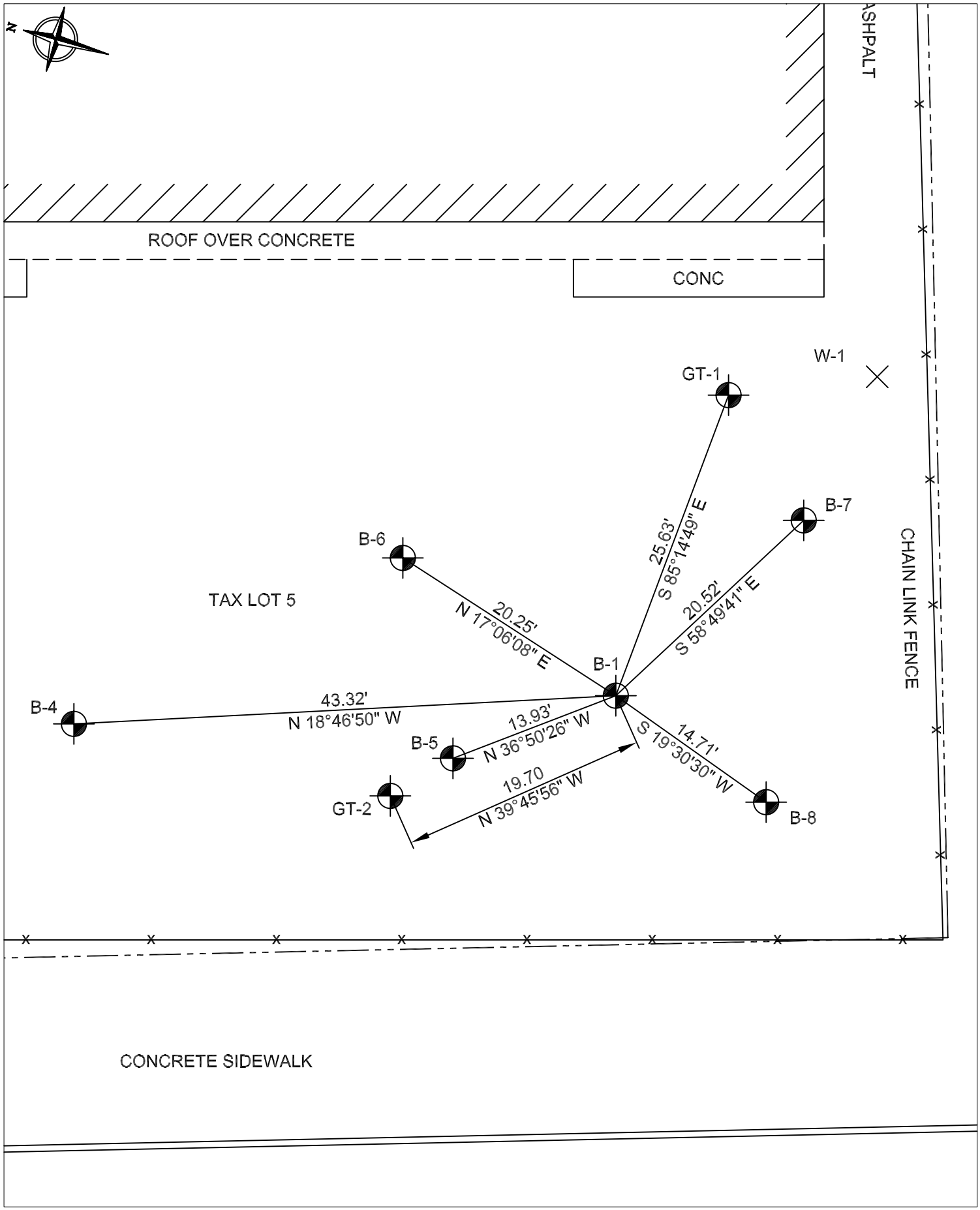
FIGURES



PREPARED BY:
J.R. HOLZMACHER P.E., LLC
The Third Generation of Excellence
In Water Supply, Water Resources,
Civil and Environmental Engineering
300 WHEELER ROAD
SUITE 303
HAUPPAUGE, NEW YORK 11788
PHONE # (631) 234-2220
FAX # (631) 234-2221
E-MAIL: info@holzmacher.com
www.holzmacher.com

TITLE:
SITE PLAN
211-08 NORTHERN BOULEVARD
BAYSIDE, NEW YORK

DWN:	SCALE:	DATE:	PROJECT NO.:
APK	1" = 20'	05/10/07	JSKim 07-02
CHKD:	APPD:	REV.:	NOTES:
SPU	JMD	-	–
FIGURE NO.:	1		



PREPARED BY:
J.R. HOLZMACHER P.E., LLC
The Third Generation of Excellence
In Water Supply, Water Resources,
Civil and Environmental Engineering
300 WHEELER ROAD
SUITE 303
HAUPPAUGE, NEW YORK 11788
PHONE # (631) 234-2220
FAX # (631) 234-2221
E-MAIL: info@holzmacher.com
www.holzmacher.com

TITLE:
BORING LOCATION PLAN
211-08 NORTHERN BOULEVARD
BAYSIDE, NEW YORK

DWN:	SCALE:	DATE:	PROJECT NO.:
LR	1" = 10'	09/10/07	JSKim 07-02
CHKD:	APPD:	REV.:	NOTES:
SPU	JMD	-	–
FIGURE NO.:	2		

TABLES

211-08 Northern Blvd
Bayside, New York

Pesticides (Method 8081)
Table 1

		RSCOs	B-1	B-1	B-2	B-2	B-3	B-3	B-4	B-4	W-3
			0-2 ft	20-25 ft	0-2 ft	20-25 ft	0-2 ft	12-15 ft	2 ft	25 ft	0-2 ft
Analyte:											
			06/22/07	06/22/07	06/21/07	06/21/07	06/21/07	06/21/07	06/22/07	06/22/07	06/22/07
4,4-DDD		2900	ND	ND	ND	ND	1.3	ND	ND	ND	8.7
4,4-DDE		2100	0.62	2.8	ND	0.54	0.78	0.28	0.57	ND	1.2
4,4-DDT		2100	0.33	ND	ND	ND	1.5	ND	0.72	0.96	0.4
Aldrin		41	0.96	ND	ND	ND	0.28	ND	4.4	ND	ND
alpha-BHC		110	ND	ND	ND	ND	ND	ND	ND	ND	ND
beta-BHC		200	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlordane		540	45	520	ND	ND	ND	ND	100	ND	190
Chlorobenzilate		N/A	ND	ND	ND	ND	25	ND	ND	ND	ND
DBCP		N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND
delta-BHC		300	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin		44	3.4	ND	ND	ND	6.4	ND	19	ND	ND
Endosulfan I		900	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan II		900	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate		1000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin		100	ND	15	ND	59	ND	ND	ND	ND	ND
Endrin aldehyde		N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin ketone		N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND
gamma-BHC		60	ND	ND	ND	ND	ND	ND	ND	ND	19
Heptachlor		100	1.1	ND	ND	ND	ND	ND	2.5	ND	1.6
Heptachlor epoxide		20	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene		N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene		N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor		10000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene		N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
All results in ppb
ND - Not detected

211-08 Northern Blvd
Bayside, New York

PCBs (Method 8082)
Table 2 (Detected Cogeners Only)

		RSCOs	B-1	B-1	B-2	B-2	B-3	B-3	B-4	B-4	W-3
			0-2 ft	20-25 ft	0-2 ft	20-25 ft	0-2 ft	12-15 ft	2 ft	25 ft	0-2 ft
Analyte:											
			06/22/07	06/22/07	06/21/07	06/21/07	06/21/07	06/21/07	06/22/07	06/22/07	06/22/07
Arochlor 1260		10000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arochlor 1254		10000	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
All results in ppb
ND - Not detected

211-08 Northern Blvd
Bayside, New York

VOCs (Method 8260)-SOIL

Table 3 (Detected Compounds Only)

		RSCOs	B-1	B-1	B-2	B-2	B-3	B-3	B-4	B-4	W-3
			0-2 ft	20-25 ft	0-2 ft	20-25 ft	0-2 ft	12-15 ft	2 ft	25 ft	0-2 ft
Analyte:											
			06/22/07	06/22/07	06/21/07	06/21/07	06/21/07	06/21/07	06/22/07	06/22/07	06/22/07
1,1-Dichloroethane		200	ND	18	ND	ND	ND	ND	ND	ND	ND
1,2,4,5-Tetramethylbenzene		10000	ND	68000	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene		10000	ND	**110000**	ND	ND	ND	ND	12	1.6	ND
1,3,5-Trimethylbenzene		3300	ND	**47000**	ND	ND	ND	ND	3	ND	ND
4-Isopropyltoluene		2300	ND	430	ND	ND	ND	ND	ND	ND	ND
Acetone		200	ND	**8900**	ND	ND	78	80	39	ND	ND
Benzene		60	ND	**170**	ND	ND	ND	ND	ND	ND	ND
Chloroethane		1900	ND	28	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene		200	ND	380	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane		NA	ND	4.2	ND	ND	ND	ND	ND	ND	ND
Dilsopropyl ether		NA	ND	1.2	ND	ND	ND	ND	ND	ND	ND
Ethanol		NA	ND	44	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene		5500	ND	32000	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene		2300	ND	300	ND	ND	ND	ND	ND	ND	ND
m,p-xylene		1200	ND	**100000**	1.4	ND	ND	ND	4.4	ND	ND
Naphthalene		13000	ND	**25000**	ND	ND	46	ND	ND	ND	ND
n-Butylbenzene		10000	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene		3700	ND	840	ND	ND	ND	ND	ND	ND	ND
o-Xylene		1200	ND	**48000**	ND	ND	ND	ND	2.4	ND	ND
p-Diethylbenzene		NA	ND	ND	ND	ND	ND	ND	15	ND	ND
p-Ethyltoluene		NA	ND	300	ND	ND	ND	ND	6	ND	ND
sec-Butylbenzene		10000	ND	210	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene		1400	ND	32	ND	ND	ND	ND	ND	ND	ND
Toluene		1500	ND	**58000**	1.3	ND	ND	ND	2.7	0.73	ND

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

211-08 Northern Blvd
Bayside, New York

SVOCs (Method 8270) SOIL

Table 4 (Detected Compounds Only)

		RSCOs	B-1	B-1	B-2	B-2	B-3	B-3	B-4	B-4	W-3
			0-2 ft	20-25 ft	0-2 ft	20-25 ft	0-2 ft	12-15 ft	2 ft	25 ft	0-2 ft
Analyte:											
			06/22/07	06/22/07	06/21/07	06/21/07	06/21/07	06/21/07	06/22/07	06/22/07	06/22/07
1,2-Dichlorobenzene		7900	ND	390	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene		NA	ND	30000	ND	ND	ND	ND	ND	ND	ND
3+4-Methylphenol		NA	ND	2300	ND	ND	ND	ND	ND	ND	ND
Anthracene		50000	ND	560	ND	ND	ND	ND	ND	ND	350
Benzo(a)anthracene		224	ND	**990**	ND	ND	ND	ND	ND	ND	**1200**
Benzo(a)pyrene		61	ND	ND	ND	ND	ND	ND	ND	ND	**1200**
Benzo(b)fluoranthene		1100	ND	ND	ND	ND	ND	ND	ND	ND	1100
Benzo(g,h,I)perylene		50000	ND	ND	ND	ND	ND	ND	ND	ND	690
Benzo(k)fluoranthene		1100	ND	ND	ND	ND	ND	ND	ND	ND	860
Bis(2-ethylhexyl)phthalate		50000	ND	9200	ND	ND	ND	ND	ND	ND	ND
Carbazole		NA	ND	ND	ND	ND	ND	ND	ND	ND	190
Chrysene		400	ND	**920**	ND	ND	ND	ND	ND	ND	**1400**
Dibenzo(a,h)anthracene		14	ND	ND	ND	ND	ND	ND	ND	ND	**150**
Flouranthene		50000	ND	1300	ND	140	ND	ND	ND	ND	2900
Flourene		50000	ND	1200	ND	ND	ND	ND	ND	ND	120
Indeno(1,2,3-c,d)pyrene		3200	ND	ND	ND	ND	ND	ND	ND	ND	770
Naphthalene		13000	ND	**18000**	ND	ND	ND	ND	ND	ND	ND
Phenanthrene		50000	ND	2700	ND	92	ND	ND	ND	ND	1700
Pyrene		50000	ND	2800	ND	140	ND	96	ND	ND	2700

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

211-08 Northern Blvd
Bayside, New York

TAL Metals Analysis

Table 5

		RSCOs	B-1	B-1	B-2	B-2	B-3	B-3	B-4	B-4	W-3
			0-2 ft	20-25 ft	0-2 ft	20-25 ft	0-2 ft	12-15 ft	2 ft	25 ft	0-2 ft
Analyte:											
			06/22/07	06/22/07	06/21/07	06/21/07	06/21/07	06/21/07	06/22/07	06/22/07	06/22/07
Aluminum		SB	7350	4410	8740	1650	5620	4840	6020	2010	10200
Antimony		SB	ND	ND	0.572	ND	0.399	ND	ND	ND	ND
Arsenic		7.5 or SB	2.42	1.62	2.9	0.685	**8.19**	0.700	2.79	1.41	3.16
Barium		300 or SB	32.3	56.7	178	8.61	35.9	34	37.4	11.3	47.6
Beryllium		0.16 or SB	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium		1 or SB	ND	**1.21**	ND	ND	0.220	ND	ND	ND	ND
Calcium		SB	5290	747	2490	5100	27800	389	8040	2800	8570
Chromium		10 or SB	**13.3**	**11.9**	**21.8**	2.97	9.42	**15.5**	**12.6**	4.17	**14.6**
Cobalt		30 or SB	ND	ND	4.72	ND	ND	ND	ND	ND	ND
Copper		25 or SB	13.5	24.7	17.4	4.18	12.4	15.9	13	5.36	14.4
Iron		2000 or SB	**10600**	**3380**	**12000**	**2390**	**3590**	**10000**	**4180**	**3030**	**10800**
Lead		400 or SB	13.4	152	57.8	1.23	69.3	3	36.7	1.77	64.6
Magnesium		SB	2340	1270	2040	1410	17400	1280	2220	1580	4710
Manganese		SB	185	48.3	136	73.4	135	121	162	104	172
Mercury		0.1	0.0174	**0.212**	**0.163**	0.00478	0.0563	0.00494	0.0375	0.0095	0.0587
Nickel		13 or SB	11.8	10.5	**13.7**	3.49	8.03	**16.1**	11.6	4.88	12.4
Potassium		SB	1270	1150	940	338	1020	1460	1210	484	1060
Selenium		2 or SB	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver		SB	ND	0.119	ND	ND	ND	ND	ND	ND	ND
Sodium		SB	231	224	228	136	345	211	255	128	209
Thallium		SB	ND	ND	ND	ND	0.663	ND	ND	ND	ND
Vanadium		150 or SB	19.8	14.8	20.1	3.63	12.9	18.5	16.4	5.45	18.8
Zinc		20 or SB	**25.8**	**145**	**102**	7.71	**33.9**	18.3	**44.4**	9.27	**57.8**

Notes:
All results in ppm
ND - Not detected
SB- Site Background

211-08 Northern Blvd
Bayside, New York

SVOCs (Method 8270 STARS) SOIL

Table 6

		B-1	B-1	B-1	B-5	B-6	B-7	B-8	B-8
		0-2 ft	20-25 ft	32ft	32ft	30ft	30ft	15-20	30ft
Analyte:	**RSCOs**								
		06/22/07	06/22/07	08/20/07	08/20/07	08/20/07	08/20/07	08/20/07	08/20/07
Acenaphthene	50000	ND	ND	ND	ND	ND	ND	**250**	ND
Acenaphthylene	41000	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	50000	ND	560	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	224	ND	990	ND	ND	ND	ND	**360**	ND
Benzo(a)pyrene	61	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	1100	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	50000	ND	ND	**230**	ND	ND	ND	**560**	ND
Benzo(k)fluoranthene	1100	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	400	ND	**920**	ND	ND	ND	ND	**350**	ND
Dibenzo(a,h)anthracene	14	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	50000	ND	1300	ND	ND	ND	ND	**390**	ND
Fluorene	50000	ND	1200	ND	ND	ND	ND	**420**	ND
Indeno(1,2,3-c,d)pyrene	3200	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	50000	ND	2700	ND	ND	ND	ND	**1300**	ND
Pyrene	50000	ND	2800	ND	ND	ND	ND	**790**	ND

Notes:
All results in ppb
ND - Not detected

211-08 Northern Blvd
Bayside, New York

VOCs (Method 8260)-SOIL

Table 7

		B-1	B-1	B-1	B-5	B-6	B-7	B-8	B-8
		0-2 ft	20-25 ft	32ft	32ft	30ft	30ft	15-20ft	30ft
Analyte:	**RSCOs**								
		06/22/07	06/22/07	08/20/07	08/20/07	08/20/07	08/20/07	08/20/07	08/20/07
1,1-Dichloroethane	200	ND	18	ND	ND	ND	ND	**690**	ND
1,2,4,5-Tetramethylbenzene	10000	ND	**68000**	ND	ND	ND	ND	**17000**	ND
1,2,4-Trichlorobenzene	10000	ND	**110000**	ND	ND	ND	ND	690	ND
1,3,5-Trimethylbenzene	3300	ND	**47000**	ND	ND	ND	ND	**11000**	ND
4-Isopropyltoluene	2300	ND	430	ND	ND	ND	ND	**4100**	ND
Acetone	200	ND	**8900**	ND	ND	ND	ND	**690**	ND
Benzene	60	ND	**170**	ND	ND	ND	ND	**690**	ND
Chloroethane	1900	ND	28	ND	ND	ND	ND	**690**	ND
cis-1,2-Dichloroethene	200	ND	**380**	ND	ND	ND	ND	**690**	ND
Dibromochloromethane	NA	ND	4.2	ND	ND	ND	ND	**690**	ND
Diisopropyl ether	NA	ND	1.2	ND	ND	ND	ND	690	ND
Ethanol	NA	ND	44	24	25	27	29	**3500**	27
Ethylbenzene	5500	ND	32000	ND	ND	ND	ND	**3900**	ND
Isopropylbenzene	2300	ND	300	ND	ND	ND	ND	1400	ND
m,p-Xylene	1200	ND	**100000**	1.9	10	11	11	**15000**	11
Naphthalene	13000	ND	**25000**	ND	ND	ND	ND	**5900**	ND
n-Butylbenzene	10000	ND	ND	ND	ND	ND	ND	**2500**	ND
n-Propylbenzene	3700	ND	840	ND	ND	ND	ND	5400	ND
o-Xylene	1200	ND	**48000**	0.57	ND	ND	ND	8000	ND
p-Diethylbenzene	NA	ND	ND	ND	ND	ND	ND	25000	ND
p-Ethyltoluene	NA	ND	300	ND	ND	ND	ND	29000	ND
sec-Butylbenzene	10000	ND	210	ND	ND	ND	ND	**1700**	ND
Tetrachloroethene	1400	ND	32	0.80	ND	ND	ND	690	ND
Toluene	1500	ND	**58000**	ND	ND	ND	ND	1200	ND

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

211-08 Northern Blvd
Bayside, New York

TAL Metals Analysis- Groundwater
Table 8

		GW Standard	W-1	W-1	W-2	W-2	W-3	W-3
Analyte:			Total	Dissolved	Total	Dissolved	Total	Dissolved
			06/21/07	06/21/07	06/21/07	06/21/07	06/22/07	06/22/07
Aluminum		N/A	30.5	0.0262	41.2	ND	28.7	0.0132
Antimony		0	ND	ND	ND	ND	ND	ND
Arsenic		0.01	**0.0312**	ND	**0.044**	ND	ND	ND
Barium		1	0.593	0.162	0.494	0.173	0.621	0.254
Beryllium		0.004	ND	ND	ND	ND	ND	ND
Cadmium		0.005	ND	ND	ND	ND	ND	ND
Calcium		N/A	46.9	49.8	43	50	37	39.1
Chromium		0.05	**0.277**	0.0063	**0.277**	ND	**0.227**	ND
Cobalt		N/A	ND	0.0294	ND	0.0206	ND	ND
Copper		0.2	**0.136**	ND	0.150	ND	0.0896	ND
Iron		0.3	**71.8**	0.0339	**127**	0.0797	**51.3**	0.0463
Lead		0.025	**0.0496**	ND	**0.0737**	ND	**0.0277**	0.0086
Magnesium		35	23.9	22	21	21.3	18.3	16.3
Manganese		0.3	**5.28**	**2.81**	**2.83**	**1.29**	**3.27**	**2.27**
Mercury		0.002	ND	ND	ND	ND	ND	ND
Nickel		0.1	**0.142**	0.026	**0.141**	0.0155	0.105	0.0199
Potassium		N/A	9.36	4.1	8.75	3.98	9.45	4.42
Selenium		0.05	ND	ND	ND	ND	ND	ND
Silver		0.1	ND	ND	ND	ND	ND	ND
Sodium		20	**63**	**66.9**	**54.4**	**64.2**	**92.4**	**100**
Thallium		0.002	ND	ND	ND	ND	ND	ND
Vanadium		N/A	0.0936	ND	0.145	ND	0.0645	ND
Zinc		2	0.826	0.0738	0.750	0.0456	0.548	0.0795

Notes:
All results in ppm
ND - Not detected
N/A- Not Applicable

APPENDIX A

Soil Boring Logs

GEOLOGIC LOG

BORING #: B-1 **PAGE # 1 0F 1**

DATE: 06/21/2007 **CLIENT: JSKim**

SITE: 211-08 Northern Blvd, Bayside

CONTRACTOR: Land, Air, Water Environmental Services, Inc (E. Santiago and A. Smith)
DEPTH DRILLED: 25 feet
DEPTH TO WATER: N/A
DRILLING METHOD: Geoprobe™
SOIL SAMPLING DEVICE: Macrocore™
GROUNDWATER SAMPLING: N/A
BORING GROUTED: Yes

Depth (feet)	*Sample #*	*RECOVERY*	*PID*	*Sample Description*
0-5	SB-1-1	36 Inches	0.0ppm	Brown to black silty sand, medium to fine, 5% gravel.
5-10	SB-1-2	48 Inches	0.0ppm	Brown silty sand, medium to fine, 5% gravel.
10-15	SB-1-3	6 Inches	10.0ppm	Gray silty and clayey sand (rock in shoe), trace of gravel
15-20	SB-1-4	32 Inches	150.0ppm	Gray to black silty and clayey sand (odor), trace of gravel.
20-25	SB-1-5	36 Inches	200.0ppm	Black silty and clayey sand, trace of gravel

J.R. Holzmacher P.E., LLC 300 Wheeler Road, Suite 303, Hauppauge, New York 11788-4300
Tel: (631) 234-2220 Fax: (631) 234-2221 e-mail: info@holzmacher.com

GEOLOGIC LOG

BORING #: B-2 **PAGE # 1 0F 1**

DATE: 06/21/2007 **CLIENT: JSKim**

SITE: 211-08 Northern Blvd, Bayside

CONTRACTOR: Land, Air, Water Environmental Services, Inc (Ernesto and Tony)
DEPTH DRILLED: 25 feet
DEPTH TO WATER: N/A
DRILLING METHOD: Geoprobe™
SOIL SAMPLING DEVICE: Macrocore™
GROUNDWATER SAMPLING: N/A
BORING GROUTED: Yes

Depth (feet)	*Sample #*	*RECOVERY*	*PID*	*Sample Description*
0-5	SB-2-1	40 Inches	0.0ppm	Brown silty sand, medium to fine, trace of gravel
5-10	SB-2-2	50 Inches	0.0ppm	Brown silty sand, medium to fine, trace gravel.
10-15	SB-2-3	48 Inches	0.0ppm	Brown silty sand, coarse to fine, trace of gravel.
15-20	SB-2-4	48 Inches	0.0ppm	Brown silty sand-, medium to fine, trace of gravel
20-25	SB-2-5	50 Inches	0.0ppm	Tan sand, coarse to fine, trace of gravel.

J.R. Holzmacher P.E., LLC 300 Wheeler Road, Suite 303, Hauppauge, New York 11788-4300
Tel: (631) 234-2220 Fax: (631) 234-2221 e-mail: info@holzmacher.com

GEOLOGIC LOG

BORING #: B-3 **PAGE # 1 0F 1**

DATE: 06/21/2007 **CLIENT: JSKim**

SITE: 211-08 Northern Blvd, Bayside

CONTRACTOR: Land, Air, Water Environmental Services, Inc (E. Santiago andA. Smith)
DEPTH DRILLED: 25 feet
DEPTH TO WATER: N/A
DRILLING METHOD: Geoprobe™
SOIL SAMPLING DEVICE: Macrocore™
GROUNDWATER SAMPLING: N/A
BORING GROUTED: Yes

Depth (feet)	*Sample #*	*RECOVERY*	*PID*	*Sample Description*
0-5	SB-3-1	36 Inches	0.0ppm	Brown to black sand-fill, medium to fine, 10% gravel.
5-10	SB-3-2	48Inches	0.0ppm	Brown silty sand, medium to fine, 5% gravel.
10-15	SB-3-3	48 Inches	0.0ppm	Grey to black silty and clayey sand, trace of gravel.
15-20	SB-3-4	48 Inches	0.0ppm	Brown to gray silty sand-silty clay.trace of gravel
20-25	SB-3-5	50 Inches	0.0ppm	Brown sand, coarse to fine, trace gravel.

J.R. Holzmacher P.E., LLC 300 Wheeler Road, Suite 303, Hauppauge, New York 11788-4300
Tel: (631) 234-2220 Fax: (631) 234-2221 e-mail: info@holzmacher.com

GEOLOGIC LOG

BORING #: B-4 **PAGE # 1 0F 1**

DATE: 06/21/2007 **CLIENT: JSKim**

SITE: 211-08 Northern Blvd, Bayside

CONTRACTOR: Land, Air, Water Environmental Services, Inc (E. Santiago and A. Smith)
DEPTH DRILLED: 25 feet
DEPTH TO WATER: N/A
DRILLING METHOD: Geoprobe™
SOIL SAMPLING DEVICE: Macrocore™
GROUNDWATER SAMPLING: N/A
BORING GROUTED: Yes

Depth (feet)	*Sample #*	*RECOVERY*	*PID*	*Sample Description*
0-5	SB-4-1	36 Inches	0.0ppm	Brown to gray silty sand, medium to fine, 15% gravel.
5-10	SB-4-2	36 Inches	0.0ppm	Brown to light gray silty sand, medium to fine, 15% gravel.
10-15	SB-4-3	50 Inches	0.0ppm	Gray to brown silty sand, medium to fine, trace of gravel
15-20	SB-4-4	48 Inches	0.0ppm	Brown silty sand, medium to fine, trace of gravel.
20-25	SB-4-5	50 Inches	0.0ppm	Tan sand, Medium to coarse.

J.R. Holzmacher P.E., LLC 300 Wheeler Road, Suite 303, Hauppauge, New York 11788-4300
Tel: (631) 234-2220 Fax: (631) 234-2221 e-mail: info@holzmacher.com

GEOLOGIC LOG

BORING #: B-1A **PAGE # 1 0F 1**

DATE: 08/20/2007 **CLIENT: JSKim**

SITE: 211-08 Northern Blvd, Bayside

CONTRACTOR: Land, Air, Water Environmental Services, Inc (E. Santiago and A. Smith)
DEPTH DRILLED: 45 feet
DEPTH TO WATER: N/A
DRILLING METHOD: Geoprobe™
SOIL SAMPLING DEVICE: Macrocore™
GROUNDWATER SAMPLING: N/A
BORING GROUTED: Yes

Depth (feet)	*Sample #*	*RECOVERY*	*PID*	*Sample Description*
0-15	B-1-1	Direct Pushed		See B-1 log for detail
15-20	B-1-2	48 Inches	170.0ppm	Gray silty sand, medium to fine, 5% gravel.
20-25	B-1-3	50 Inches	430.0ppm	Black silty and clayey medium to fine grained sand; 15% gravel
25-30 (30 feet)	B-1-4	50 Inches	330.0 ppm 5.0ppm	Black/Gray/tan silty and clayey coarse to fine, grained sand (odor); 5% gravel.
30-35	B-1-5	50 Inches	0.0 ppm	Tan sand, coarse to fine, trace of gravel.
35-40	B-1-6	48 Inches	0.0 ppm	Tan sand, coarse to fine, 10% gravel.
40-45	B-1-7	48 Inches	0.0 ppm	Tan sand, coarse to fine, trace of gravel.

GEOLOGIC LOG

BORING #: B-5 **PAGE # 1 0F 1**

DATE: 08/20/2007 **CLIENT: JSKim**

SITE: 211-08 Northern Blvd, Bayside

CONTRACTOR: Land, Air, Water Environmental Services, Inc (E. Santiago and A. Smith)
DEPTH DRILLED: 35 feet
DEPTH TO WATER: N/A
DRILLING METHOD: Geoprobe™
SOIL SAMPLING DEVICE: Macrocore™
GROUNDWATER SAMPLING: N/A
BORING GROUTED: Yes

Depth (feet)	*Sample #*	*RECOVERY*	*PID*	*Sample Description*
0-10	B-5-1	Direct Pushed		
10-15	B-5-2	50 Inches	50.0ppm	Tan silty sand, medium to fine, 5% gravel.
15-20	B-5-3	50 Inches	43.0ppm	Tan/gray silty sand, medium, trace of gravel
20-25 (20-21) (21-24) (24-25)	B-5-4	50 Inches	 107.0ppm 425.0ppm 20.0ppm	Tan/black silty sand, medium, trace of gravel.
25-30	B-5-5	50 Inches	0.0ppm	Tan sand, medium to fine, trace of gravel.
30-35	B-5-5	50 Inches	0.0ppm	Tan sand, coarse to fine, trace of gravel.

J.R. Holzmacher P.E., LLC 300 Wheeler Road, Suite 303, Hauppauge, New York 11788-4300
Tel: (631) 234-2220 Fax: (631) 234-2221 e-mail: info@holzmacher.com

GEOLOGIC LOG

BORING #: B-6 **PAGE # 1 0F 1**

DATE: 08/20/2007 **CLIENT: JSKim**

SITE: 211-08 Northern Blvd, Bayside

CONTRACTOR: Land, Air, Water Environmental Services, Inc (E. Santiago and A. Smith)
DEPTH DRILLED: 30 feet
DEPTH TO WATER: N/A
DRILLING METHOD: Geoprobe™
SOIL SAMPLING DEVICE: Macrocore™
GROUNDWATER SAMPLING: N/A
BORING GROUTED: Yes

Depth (feet)	*Sample #*	*RECOVERY*	*PID*	*Sample Description*
0-10	B-6-1	Direct Pushed	0.0ppm	
10-15	B-6-2	50 Inches	0.0ppm	Brown silty sand, medium to fine, trace of gravel.
15-20	B-6-3	50 Inches	0.0ppm	Brown silty sand, medium to fine, trace of gravel.
20-25	B-6-4	50 Inches	0.0ppm	Brown/tan silty sand, medium to fine, trace of gravel.
25-30	B-6-5	50 Inches	0.0ppm	Tan sand, coarse to fine, trace of gravel.

J.R. Holzmacher P.E., LLC 300 Wheeler Road, Suite 303, Hauppauge, New York 11788-4300
Tel: (631) 234-2220 Fax: (631) 234-2221 e-mail: info@holzmacher.com

GEOLOGIC LOG

BORING #: B-7 **PAGE # 1 0F 1**

DATE: 08/20/2007 **CLIENT: JSKim**

SITE: 211-08 Northern Blvd, Bayside

CONTRACTOR: Land, Air, Water Environmental Services, Inc (E. Santiago and A. Smith)
DEPTH DRILLED: 30 feet
DEPTH TO WATER: N/A
DRILLING METHOD: Geoprobe™
SOIL SAMPLING DEVICE: Macrocore™
GROUNDWATER SAMPLING: N/A
BORING GROUTED: Yes

Depth (feet)	*Sample #*	*RECOVERY*	*PID*	*Sample Description*
0-10	B-7-1	Direct Pushed		
10-15	B-7-2	50 Inches	0.0ppm	Tan silty sand (clay), medium to fine.
15-20	B-7-3	46 Inches	0.0ppm	Brown silty sand, medium to fine.
20-25	B-7-4	50 Inches	0.0ppm	Brown silty sand, coarse to fine, 5% gravel.
25-30	B-7-5	50 Inches	0.0ppm	Tan sand, coarse to medium.

J.R. Holzmacher P.E., LLC 300 Wheeler Road, Suite 303, Hauppauge, New York 11788-4300
Tel: (631) 234-2220 Fax: (631) 234-2221 e-mail: info@holzmacher.com

GEOLOGIC LOG

BORING #: B-8 **PAGE # 1 0F 1**

DATE: 08/20/2007 **CLIENT: JSKim**

SITE: 211-08 Northern Blvd, Bayside

CONTRACTOR: Land, Air, Water Environmental Services, Inc (E. Santiago and A. Smith)
DEPTH DRILLED: 30 feet
DEPTH TO WATER: N/A
DRILLING METHOD: Geoprobe™
SOIL SAMPLING DEVICE: Macrocore™
GROUNDWATER SAMPLING: N/A
BORING GROUTED: Yes

Depth (feet)	*Sample #*	*RECOVERY*	*PID*	*Sample Description*
0-10	B-8-1	Direct Push		
10-15	B-8-2	50 Inches	0.0ppm	Brown silty sand, medium to fine
15-20	B-8-3	48 Inches	130.0ppm	Gray/tan silty and clayey sand, medium to fine
20-25	B-8-4	48 Inches	53.0ppm	Tan/gray silty and clayey sand, coarse to fine, trace of gravel.
25-30	B-8-5	48 Inches	0.0ppm	Tan sand, coarse to fine.

J.R. Holzmacher P.E., LLC 300 Wheeler Road, Suite 303, Hauppauge, New York 11788-4300
Tel: (631) 234-2220 Fax: (631) 234-2221 e-mail: info@holzmacher.com

APPENDIX B

American Analytical Laboratories

AMERICAN ANALYTICAL LABORATORIES

NYSDOH 11418
NJDEP NY050
CTDOH PH-0205
PADEP 68-00573

Tuesday, July 03, 2007

Jim DeMartinis
J.R. Holzmacher P.E. LLC
300 Wheeler Road
Suite 303
Hauppauge, NY 11788

TEL: (631) 234-2220
FAX (631) 234-2221

RE: 211-08 Northern Boulevard, Bayside

Order No.: 0706226

Dear Jim DeMartinis:

American Analytical Laboratories, LLC. received 6 sample(s) on 6/22/2007 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 limits 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.

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
Lab Director

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735
(631) 454-6100 • FAX: (631) 454-8027

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT: J.R. Holzmacher P.E. LLC
Project: 211-08 Northern Boulevard, Bayside
Lab Order: 0706226

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Date Collected	Date Received
0706226-01A	W-1		6/21/2007 4:05:00 AM	6/22/2007
0706226-01B	W-1		6/21/2007 4:05:00 AM	6/22/2007
0706226-02A	W-2		6/21/2007 12:15:00 PM	6/22/2007
0706226-02B	W-2		6/21/2007 12:15:00 PM	6/22/2007
0706226-03A	B-2 {0-2'}		6/21/2007 1:30:00 PM	6/22/2007
0706226-04A	B-2 {20'-25'}		6/21/2007 2:30:00 PM	6/22/2007
0706226-05A	B-3 {0-2'}		6/21/2007 9:50:00 AM	6/22/2007
0706226-06A	B-3 {12'-15'}		6/21/2007 10:15:00 AM	6/22/2007

AMERICAN ANALYTICAL LABORATORIES
56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735
(631) 454-6100 • FAX (631) 454-8027

TAG # / COC _____

NYSDOH	11418
CTDOH	PH-0205
NJDEP	NY050
PADEP	68-573

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS
J.R. Holzmacher P.E. H.C
300 Wheeler Rd, Suite 303
Hauppauge, NY

CONTACT: Jim DeMartinis

SAMPLER (SIGNATURE): Eric Geisbusch

SAMPLER NAME (PRINT): Eric Geisbusch

SAMPLE(S) SEALED: YES / NO

CORRECT CONTAINER(S): YES / NO

PROJECT LOCATION: 211-08 Northern Boulevard, Bayside

LABORATORY ID #	MATRIX	# CONTAINERS	SAMPLING DATE/ TIME	SAMPLE # - LOCATION	EPA 8260	EPA 8270	Pesticide 8081	PCBs 8082	Filtered TAL Metals	Unfiltered TAL Metals	TAL Metals							FOR METHANOL PRESERVED SAMPLES [VOLATILE VIAL #]
0706226-01AB	L	6	06/21/07 11:05	W-1	X	X	X	X	X	X								
-02AB	L	6	06/21/07 12:15	W-2	X	X	X	X	X	X								
-03A	S	2	06/21/07 1:30	B-2 (0-2')	X	X	X	X			X							
-04A	S	2	06/21/07 2:30	B-2 (20'-25')	X	X	X	X			X							
-05A	S	2	06/21/07 9:50	B-3 (0-2')	X	X	X	X			X							
-06A	S	2	06/21/07 10:15	B-3 (12'-15')	X	X	X	X			X							

COOLER TEMPERATURE:

MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL
TYPE G=GRAB; C=COMPOSITE, SS=SPLIT SPOON

TURNAROUND REQUIRED:
NORMAL ☐ STAT ☐ BY / /

COMMENTS / INSTRUCTIONS

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
Eric Geisbusch	06/22/07 2:20	Eric Geisbusch	[signature]	6/22/07 1420	C. Masi
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC
56 TOLEDO STREET
FARMINGDALE, NEW YORK 11735
TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is 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. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	Indicates an estimated value. The 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 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
B	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes 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 higher of the two values is reported on Form I 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.
H	Indicates sample was received and/or analyzed outside of The method allowable holding time

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-1
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 4:05:00 AM
Lab ID:	0706226-01A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY		**SW7470A**				Analyst: **JP**
Mercury	U	0.000200		mg/L	1	6/28/2007 2:10:38 PM
PCB'S AS AROCLORS SW-846 METHOD 8082		**SW8082A**		**SW3510B**		Analyst: **KF**
Aroclor 1016	U	1.1		µg/L	1	6/29/2007 1:04:00 PM
Aroclor 1221	U	1.1		µg/L	1	6/29/2007 1:04:00 PM
Aroclor 1232	U	1.1		µg/L	1	6/29/2007 1:04:00 PM
Aroclor 1242	U	1.1		µg/L	1	6/29/2007 1:04:00 PM
Aroclor 1248	U	1.1		µg/L	1	6/29/2007 1:04:00 PM
Aroclor 1254	U	1.1		µg/L	1	6/29/2007 1:04:00 PM
Aroclor 1260	U	1.1		µg/L	1	6/29/2007 1:04:00 PM
Surr: DCB	46.6	11-125		%REC	1	6/29/2007 1:04:00 PM
Surr: TCX	80.5	16-126		%REC	1	6/29/2007 1:04:00 PM
PESTICIDES SW-846 METHOD 8081		**SW8081B**		**SW3510B**		Analyst: **MMR**
4,4'-DDD	U	0.22		µg/L	1	6/29/2007 8:36:00 PM
4,4'-DDE	U	0.22		µg/L	1	6/29/2007 8:36:00 PM
4,4'-DDT	U	0.22		µg/L	1	6/29/2007 8:36:00 PM
Aldrin	U	0.22		µg/L	1	6/29/2007 8:36:00 PM
alpha-BHC	U	0.22		µg/L	1	6/29/2007 8:36:00 PM
beta-BHC	U	0.22		µg/L	1	6/29/2007 8:36:00 PM
Chlordane	U	1.1		µg/L	1	6/29/2007 8:36:00 PM
Chlorobenzilate	U	0.22		µg/L	1	6/29/2007 8:36:00 PM
DBCP	U	0.22		µg/L	1	6/29/2007 8:36:00 PM
delta-BHC	U	0.22		µg/L	1	6/29/2007 8:36:00 PM
Dieldrin	U	0.22		µg/L	1	6/29/2007 8:36:00 PM
Endosulfan I	U	0.22		µg/L	1	6/29/2007 8:36:00 PM
Endosulfan II	U	0.22		µg/L	1	6/29/2007 8:36:00 PM
Endosulfan sulfate	U	0.22		µg/L	1	6/29/2007 8:36:00 PM
Endrin	U	0.22		µg/L	1	6/29/2007 8:36:00 PM
Endrin aldehyde	U	0.22		µg/L	1	6/29/2007 8:36:00 PM
Endrin ketone	U	0.22		µg/L	1	6/29/2007 8:36:00 PM
gamma-BHC	U	0.22		µg/L	1	6/29/2007 8:36:00 PM
Heptachlor	U	0.22		µg/L	1	6/29/2007 8:36:00 PM
Heptachlor epoxide	U	0.22		µg/L	1	6/29/2007 8:36:00 PM
Hexachlorobenzene	U	0.22		µg/L	1	6/29/2007 8:36:00 PM
Hexachlorocyclopentadiene	U	0.22		µg/L	1	6/29/2007 8:36:00 PM
Methoxychlor	U	0.22		µg/L	1	6/29/2007 8:36:00 PM
Toxaphene	U	1.1		µg/L	1	6/29/2007 8:36:00 PM
Surr: DCB	40.1	26-130		%REC	1	6/29/2007 8:36:00 PM
Surr: TCX	67.5	29-127		%REC	1	6/29/2007 8:36:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-1
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 4:05:00 AM
Lab ID:	0706226-01A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TARGET ANALYTE LIST METALS		**SW6010B**		**SW3010A**		Analyst: **JP**
Aluminum	30.5	0.0200		mg/L	1	7/2/2007 1:30:57 PM
Antimony	U	0.0250		mg/L	1	7/2/2007 1:30:57 PM
Arsenic	0.0312	0.0250		mg/L	1	7/2/2007 1:30:57 PM
Barium	0.593	0.0200		mg/L	1	7/2/2007 1:30:57 PM
Beryllium	U	0.0200		mg/L	1	7/2/2007 1:30:57 PM
Cadmium	U	0.0100		mg/L	1	7/2/2007 1:30:57 PM
Calcium	46.9	0.0250		mg/L	1	7/2/2007 1:30:57 PM
Chromium	0.277	0.0200		mg/L	1	7/2/2007 1:30:57 PM
Cobalt	U	0.0200		mg/L	1	7/2/2007 1:30:57 PM
Copper	0.136	0.0200		mg/L	1	7/2/2007 1:30:57 PM
Iron	71.8	0.0200		mg/L	1	7/2/2007 1:30:57 PM
Lead	0.0496	0.0150		mg/L	1	7/2/2007 1:30:57 PM
Magnesium	23.9	0.0200		mg/L	1	7/2/2007 1:30:57 PM
Manganese	5.28	0.0200		mg/L	1	7/2/2007 1:30:57 PM
Nickel	0.142	0.0200		mg/L	1	7/2/2007 1:30:57 PM
Potassium	9.36	0.100		mg/L	1	7/2/2007 1:30:57 PM
Selenium	U	0.0250		mg/L	1	7/2/2007 1:30:57 PM
Silver	U	0.0200		mg/L	1	7/2/2007 1:30:57 PM
Sodium	63.0	0.0300		mg/L	1	7/2/2007 1:30:57 PM
Thallium	U	0.0150		mg/L	1	7/2/2007 1:30:57 PM
Vanadium	0.0936	0.0200		mg/L	1	7/2/2007 1:30:57 PM
Zinc	0.826	0.0200		mg/L	1	7/2/2007 1:30:57 PM
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3510**		Analyst: **RN**
1,2,4-Trichlorobenzene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
1,2-Dichlorobenzene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
1,3-Dichlorobenzene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
1,4-Dichlorobenzene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
2,4,5-Trichlorophenol	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
2,4,6-Trichlorophenol	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
2,4-Dichlorophenol	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
2,4-Dimethylphenol	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
2,4-Dinitrophenol	U	11		µg/L	1	6/27/2007 9:12:00 PM
2,4-Dinitrotoluene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
2,6-Dinitrotoluene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
2-Chloronaphthalene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
2-Chlorophenol	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
2-Methylnaphthalene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
2-Methylphenol	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
2-Nitroaniline	U	5.3		µg/L	1	6/27/2007 9:12:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-1
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 4:05:00 AM
Lab ID:	0706226-01A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3510**		Analyst: **RN**
2-Nitrophenol	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
3,3'-Dichlorobenzidine	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
3+4-Methylphenol	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
3-Nitroaniline	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
4,6-Dinitro-2-methylphenol	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
4-Bromophenyl phenyl ether	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
4-Chloro-3-methylphenol	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
4-Chloroaniline	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
4-Chlorophenyl phenyl ether	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
4-Nitroaniline	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
4-Nitrophenol	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Acenaphthene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Acenaphthylene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Aniline	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Anthracene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Azobenzene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Benzidine	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Benzo(a)anthracene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Benzo(a)pyrene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Benzo(b)fluoranthene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Benzo(g,h,i)perylene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Benzo(k)fluoranthene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Benzoic acid	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Benzyl alcohol	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Bis(2-chloroethoxy)methane	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Bis(2-chloroethyl)ether	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Bis(2-chloroisopropyl)ether	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Bis(2-ethylhexyl)phthalate	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Butyl benzyl phthalate	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Carbazole	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Chrysene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Dibenzo(a,h)anthracene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Dibenzofuran	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Diethyl phthalate	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Dimethyl phthalate	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Di-n-butyl phthalate	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Di-n-octyl phthalate	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Fluoranthene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Fluorene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-1
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 4:05:00 AM
Lab ID:	0706226-01A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3510**		Analyst: **RN**
Hexachlorobenzene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Hexachlorobutadiene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Hexachlorocyclopentadiene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Hexachloroethane	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Indeno(1,2,3-c,d)pyrene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Isophorone	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Naphthalene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Nitrobenzene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
N-Nitrosodimethylamine	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
N-Nitrosodi-n-propylamine	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
N-Nitrosodiphenylamine	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Pentachlorophenol	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Phenanthrene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Phenol	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Pyrene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Pyridine	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Surr: 2,4,6-Tribromophenol	70.7	22-124		%REC	1	6/27/2007 9:12:00 PM
Surr: 2-Fluorobiphenyl	62.4	18-124		%REC	1	6/27/2007 9:12:00 PM
Surr: 2-Fluorophenol	65.7	16-112		%REC	1	6/27/2007 9:12:00 PM
Surr: 4-Terphenyl-d14	83.1	17-121		%REC	1	6/27/2007 9:12:00 PM
Surr: Nitrobenzene-d5	62.6	19-115		%REC	1	6/27/2007 9:12:00 PM
Surr: Phenol-d6	49.3	12-102		%REC	1	6/27/2007 9:12:00 PM
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
1,1,1-Trichloroethane	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
1,1,2-Trichloroethane	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
1,1-Dichloroethane	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
1,1-Dichloroethene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
1,1-Dichloropropene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
1,2,3-Trichloropropane	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
1,2,4,5-Tetramethylbenzene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
1,2-Dibromoethane	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
1,2-Dichlorobenzene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-1
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 4:05:00 AM
Lab ID:	0706226-01A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,2-Dichloroethane	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
1,2-Dichloropropane	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
1,3-Dichlorobenzene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
1,3-dichloropropane	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
1,4-Dichlorobenzene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
2,2-Dichloropropane	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
2-Butanone	U	3.0		µg/L	1	6/26/2007 9:53:00 AM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
2-Chlorotoluene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
2-Hexanone	U	2.0		µg/L	1	6/26/2007 9:53:00 AM
2-Propanol	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
4-Chlorotoluene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
4-Isopropyltoluene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
4-Methyl-2-pentanone	U	2.0		µg/L	1	6/26/2007 9:53:00 AM
Acetone	U	2.0		µg/L	1	6/26/2007 9:53:00 AM
Acrolein	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Acrylonitrile	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Benzene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Bromobenzene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Bromochloromethane	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Bromodichloromethane	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Bromoform	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Bromomethane	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Carbon disulfide	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Carbon tetrachloride	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Chlorobenzene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Chlorodifluoromethane	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Chloroethane	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Chloroform	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Chloromethane	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
cis-1,2-Dichloroethene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Dibromochloromethane	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Dibromomethane	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Dichlorodifluoromethane	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Diisopropyl ether	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Ethanol	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Ethyl acetate	U	1.0		µg/L	1	6/26/2007 9:53:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-1
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 4:05:00 AM
Lab ID:	0706226-01A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
Ethylbenzene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Freon-114	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Hexachlorobutadiene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Isopropyl acetate	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Isopropylbenzene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
m,p-Xylene	U	2.0		µg/L	1	6/26/2007 9:53:00 AM
Methyl tert-butyl ether	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Methylene chloride	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
n-Amyl acetate	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Naphthalene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
n-Butyl acetate	U	2.0		µg/L	1	6/26/2007 9:53:00 AM
n-Butylbenzene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
n-Propyl acetate	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
n-Propylbenzene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
o-Xylene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
p-Diethylbenzene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
p-Ethyltoluene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
sec-Butylbenzene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Styrene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
t-Butyl alcohol	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
tert-Butylbenzene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Tetrachloroethene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Toluene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
trans-1,2-Dichloroethene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Trichloroethene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Trichlorofluoromethane	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Vinyl acetate	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Vinyl chloride	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Surr: 4-Bromofluorobenzene	93.4	54-134		%REC	1	6/26/2007 9:53:00 AM
Surr: Dibromofluoromethane	102	52-132		%REC	1	6/26/2007 9:53:00 AM
Surr: Toluene-d8	89.3	51-127		%REC	1	6/26/2007 9:53:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-1
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 4:05:00 AM
Lab ID:	0706226-01B	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY-DISSOLVED		**SW7470A**		**SW3005A**		Analyst: **JP**
Mercury	U	0.000200		mg/L	1	6/28/2007 2:04:12 PM
TARGET ANALYTE LIST METALS-DISSOLVED		**SW6010B**		**SW3005A**		Analyst: **JP**
Aluminum	0.0262	0.0200		mg/L	1	7/2/2007 1:27:57 PM
Antimony	U	0.0250		mg/L	1	7/2/2007 1:27:57 PM
Arsenic	U	0.0250		mg/L	1	7/2/2007 1:27:57 PM
Barium	0.162	0.0200		mg/L	1	7/2/2007 1:27:57 PM
Beryllium	U	0.0200		mg/L	1	7/2/2007 1:27:57 PM
Cadmium	U	0.0100		mg/L	1	7/2/2007 1:27:57 PM
Calcium	49.8	0.0250		mg/L	1	7/2/2007 1:27:57 PM
Chromium	0.00631	0.0200	J	mg/L	1	7/2/2007 1:27:57 PM
Cobalt	U	0.0200		mg/L	1	7/2/2007 1:27:57 PM
Copper	U	0.0200		mg/L	1	7/2/2007 1:27:57 PM
Iron	0.0339	0.0200		mg/L	1	7/2/2007 1:27:57 PM
Lead	U	0.0150		mg/L	1	7/2/2007 1:27:57 PM
Magnesium	22.0	0.0200		mg/L	1	7/2/2007 1:27:57 PM
Manganese	2.81	0.0200		mg/L	1	7/2/2007 1:27:57 PM
Nickel	0.0260	0.0200		mg/L	1	7/2/2007 1:27:57 PM
Potassium	4.10	0.100		mg/L	1	7/2/2007 1:27:57 PM
Selenium	U	0.0250		mg/L	1	7/2/2007 1:27:57 PM
Silver	U	0.0200		mg/L	1	7/2/2007 1:27:57 PM
Sodium	66.9	0.0300		mg/L	1	7/2/2007 1:27:57 PM
Thallium	U	0.0150		mg/L	1	7/2/2007 1:27:57 PM
Vanadium	U	0.0200		mg/L	1	7/2/2007 1:27:57 PM
Zinc	0.0738	0.0200		mg/L	1	7/2/2007 1:27:57 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-2
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 12:15:00 PM
Lab ID:	0706226-02A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY		**SW7470A**				Analyst: **JP**
Mercury	U	0.000200		mg/L	1	6/28/2007 2:12:47 PM
PCB'S AS AROCLORS SW-846 METHOD 8082		**SW8082A**		**SW3510B**		Analyst: **KF**
Aroclor 1016	U	1.1		µg/L	1	6/29/2007 1:21:00 PM
Aroclor 1221	U	1.1		µg/L	1	6/29/2007 1:21:00 PM
Aroclor 1232	U	1.1		µg/L	1	6/29/2007 1:21:00 PM
Aroclor 1242	U	1.1		µg/L	1	6/29/2007 1:21:00 PM
Aroclor 1248	U	1.1		µg/L	1	6/29/2007 1:21:00 PM
Aroclor 1254	U	1.1		µg/L	1	6/29/2007 1:21:00 PM
Aroclor 1260	U	1.1		µg/L	1	6/29/2007 1:21:00 PM
Surr: DCB	32.6	11-125		%REC	1	6/29/2007 1:21:00 PM
Surr: TCX	69.9	16-126		%REC	1	6/29/2007 1:21:00 PM
PESTICIDES SW-846 METHOD 8081		**SW8081B**		**SW3510B**		Analyst: **MMR**
4,4'-DDD	U	0.21		µg/L	1	6/29/2007 8:53:00 PM
4,4'-DDE	U	0.21		µg/L	1	6/29/2007 8:53:00 PM
4,4'-DDT	U	0.21		µg/L	1	6/29/2007 8:53:00 PM
Aldrin	U	0.21		µg/L	1	6/29/2007 8:53:00 PM
alpha-BHC	U	0.21		µg/L	1	6/29/2007 8:53:00 PM
beta-BHC	U	0.21		µg/L	1	6/29/2007 8:53:00 PM
Chlordane	U	1.1		µg/L	1	6/29/2007 8:53:00 PM
Chlorobenzilate	U	0.21		µg/L	1	6/29/2007 8:53:00 PM
DBCP	U	0.21		µg/L	1	6/29/2007 8:53:00 PM
delta-BHC	U	0.21		µg/L	1	6/29/2007 8:53:00 PM
Dieldrin	U	0.21		µg/L	1	6/29/2007 8:53:00 PM
Endosulfan I	U	0.21		µg/L	1	6/29/2007 8:53:00 PM
Endosulfan II	U	0.21		µg/L	1	6/29/2007 8:53:00 PM
Endosulfan sulfate	U	0.21		µg/L	1	6/29/2007 8:53:00 PM
Endrin	U	0.21		µg/L	1	6/29/2007 8:53:00 PM
Endrin aldehyde	U	0.21		µg/L	1	6/29/2007 8:53:00 PM
Endrin ketone	U	0.21		µg/L	1	6/29/2007 8:53:00 PM
gamma-BHC	U	0.21		µg/L	1	6/29/2007 8:53:00 PM
Heptachlor	U	0.21		µg/L	1	6/29/2007 8:53:00 PM
Heptachlor epoxide	U	0.21		µg/L	1	6/29/2007 8:53:00 PM
Hexachlorobenzene	U	0.21		µg/L	1	6/29/2007 8:53:00 PM
Hexachlorocyclopentadiene	U	0.21		µg/L	1	6/29/2007 8:53:00 PM
Methoxychlor	U	0.21		µg/L	1	6/29/2007 8:53:00 PM
Toxaphene	U	1.1		µg/L	1	6/29/2007 8:53:00 PM
Surr: DCB	18.8	26-130	S	%REC	1	6/29/2007 8:53:00 PM
Surr: TCX	54.5	29-127		%REC	1	6/29/2007 8:53:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-2
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 12:15:00 PM
Lab ID:	0706226-02A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TARGET ANALYTE LIST METALS		**SW6010B**		**SW3010A**		Analyst: **JP**
Aluminum	41.2	0.0200		mg/L	1	7/2/2007 1:37:28 PM
Antimony	U	0.0250		mg/L	1	7/2/2007 1:37:28 PM
Arsenic	0.0440	0.0250		mg/L	1	7/2/2007 1:37:28 PM
Barium	0.494	0.0200		mg/L	1	7/2/2007 1:37:28 PM
Beryllium	U	0.0200		mg/L	1	7/2/2007 1:37:28 PM
Cadmium	U	0.0100		mg/L	1	7/2/2007 1:37:28 PM
Calcium	43.0	0.0250		mg/L	1	7/2/2007 1:37:28 PM
Chromium	0.277	0.0200		mg/L	1	7/2/2007 1:37:28 PM
Cobalt	U	0.0200		mg/L	1	7/2/2007 1:37:28 PM
Copper	0.150	0.0200		mg/L	1	7/2/2007 1:37:28 PM
Iron	127	0.0200		mg/L	1	7/2/2007 1:37:28 PM
Lead	0.0737	0.0150		mg/L	1	7/2/2007 1:37:28 PM
Magnesium	21.0	0.0200		mg/L	1	7/2/2007 1:37:28 PM
Manganese	2.83	0.0200		mg/L	1	7/2/2007 1:37:28 PM
Nickel	0.141	0.0200		mg/L	1	7/2/2007 1:37:28 PM
Potassium	8.75	0.100		mg/L	1	7/2/2007 1:37:28 PM
Selenium	U	0.0250		mg/L	1	7/2/2007 1:37:28 PM
Silver	U	0.0200		mg/L	1	7/2/2007 1:37:28 PM
Sodium	54.4	0.0300		mg/L	1	7/2/2007 1:37:28 PM
Thallium	U	0.0150		mg/L	1	7/2/2007 1:37:28 PM
Vanadium	0.145	0.0200		mg/L	1	7/2/2007 1:37:28 PM
Zinc	0.750	0.0200		mg/L	1	7/2/2007 1:37:28 PM
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3510**		Analyst: **RN**
1,2,4-Trichlorobenzene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
1,2-Dichlorobenzene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
1,3-Dichlorobenzene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
1,4-Dichlorobenzene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
2,4,5-Trichlorophenol	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
2,4,6-Trichlorophenol	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
2,4-Dichlorophenol	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
2,4-Dimethylphenol	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
2,4-Dinitrophenol	U	10		µg/L	1	6/27/2007 9:37:00 PM
2,4-Dinitrotoluene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
2,6-Dinitrotoluene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
2-Chloronaphthalene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
2-Chlorophenol	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
2-Methylnaphthalene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
2-Methylphenol	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
2-Nitroaniline	U	5.2		µg/L	1	6/27/2007 9:37:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-2
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 12:15:00 PM
Lab ID:	0706226-02A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3510**		Analyst: **RN**
2-Nitrophenol	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
3,3´-Dichlorobenzidine	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
3+4-Methylphenol	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
3-Nitroaniline	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
4,6-Dinitro-2-methylphenol	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
4-Bromophenyl phenyl ether	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
4-Chloro-3-methylphenol	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
4-Chloroaniline	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
4-Chlorophenyl phenyl ether	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
4-Nitroaniline	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
4-Nitrophenol	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Acenaphthene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Acenaphthylene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Aniline	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Anthracene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Azobenzene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Benzidine	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Benzo(a)anthracene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Benzo(a)pyrene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Benzo(b)fluoranthene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Benzo(g,h,i)perylene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Benzo(k)fluoranthene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Benzoic acid	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Benzyl alcohol	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Bis(2-chloroethoxy)methane	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Bis(2-chloroethyl)ether	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Bis(2-chloroisopropyl)ether	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Bis(2-ethylhexyl)phthalate	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Butyl benzyl phthalate	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Carbazole	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Chrysene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Dibenzo(a,h)anthracene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Dibenzofuran	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Diethyl phthalate	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Dimethyl phthalate	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Di-n-butyl phthalate	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Di-n-octyl phthalate	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Fluoranthene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Fluorene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-2
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 12:15:00 PM
Lab ID:	0706226-02A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3510**		Analyst: **RN**
Hexachlorobenzene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Hexachlorobutadiene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Hexachlorocyclopentadiene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Hexachloroethane	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Indeno(1,2,3-c,d)pyrene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Isophorone	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Naphthalene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Nitrobenzene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
N-Nitrosodimethylamine	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
N-Nitrosodi-n-propylamine	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
N-Nitrosodiphenylamine	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Pentachlorophenol	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Phenanthrene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Phenol	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Pyrene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Pyridine	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Surr: 2,4,6-Tribromophenol	76.2	22-124		%REC	1	6/27/2007 9:37:00 PM
Surr: 2-Fluorobiphenyl	68.7	18-124		%REC	1	6/27/2007 9:37:00 PM
Surr: 2-Fluorophenol	64.7	16-112		%REC	1	6/27/2007 9:37:00 PM
Surr: 4-Terphenyl-d14	91.4	17-121		%REC	1	6/27/2007 9:37:00 PM
Surr: Nitrobenzene-d5	71.0	19-115		%REC	1	6/27/2007 9:37:00 PM
Surr: Phenol-d6	42.6	12-102		%REC	1	6/27/2007 9:37:00 PM
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
1,1,1-Trichloroethane	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
1,1,2-Trichloroethane	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
1,1-Dichloroethane	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
1,1-Dichloroethene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
1,1-Dichloropropene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
1,2,3-Trichloropropane	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
1,2,4,5-Tetramethylbenzene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
1,2-Dibromoethane	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
1,2-Dichlorobenzene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-2
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 12:15:00 PM
Lab ID:	0706226-02A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,2-Dichloroethane	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
1,2-Dichloropropane	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
1,3-Dichlorobenzene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
1,3-dichloropropane	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
1,4-Dichlorobenzene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
2,2-Dichloropropane	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
2-Butanone	U	3.0		µg/L	1	6/26/2007 10:18:00 AM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
2-Chlorotoluene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
2-Hexanone	U	2.0		µg/L	1	6/26/2007 10:18:00 AM
2-Propanol	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
4-Chlorotoluene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
4-Isopropyltoluene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
4-Methyl-2-pentanone	U	2.0		µg/L	1	6/26/2007 10:18:00 AM
Acetone	U	2.0		µg/L	1	6/26/2007 10:18:00 AM
Acrolein	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Acrylonitrile	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Benzene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Bromobenzene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Bromochloromethane	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Bromodichloromethane	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Bromoform	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Bromomethane	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Carbon disulfide	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Carbon tetrachloride	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Chlorobenzene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Chlorodifluoromethane	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Chloroethane	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Chloroform	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Chloromethane	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
cis-1,2-Dichloroethene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Dibromochloromethane	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Dibromomethane	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Dichlorodifluoromethane	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Diisopropyl ether	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Ethanol	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Ethyl acetate	U	1.0		µg/L	1	6/26/2007 10:18:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-2
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 12:15:00 PM
Lab ID:	0706226-02A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
Ethylbenzene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Freon-114	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Hexachlorobutadiene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Isopropyl acetate	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Isopropylbenzene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
m,p-Xylene	U	2.0		µg/L	1	6/26/2007 10:18:00 AM
Methyl tert-butyl ether	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Methylene chloride	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
n-Amyl acetate	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Naphthalene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
n-Butyl acetate	U	2.0		µg/L	1	6/26/2007 10:18:00 AM
n-Butylbenzene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
n-Propyl acetate	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
n-Propylbenzene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
o-Xylene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
p-Diethylbenzene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
p-Ethyltoluene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
sec-Butylbenzene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Styrene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
t-Butyl alcohol	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
tert-Butylbenzene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Tetrachloroethene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Toluene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
trans-1,2-Dichloroethene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Trichloroethene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Trichlorofluoromethane	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Vinyl acetate	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Vinyl chloride	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Surr: 4-Bromofluorobenzene	85.8	54-134		%REC	1	6/26/2007 10:18:00 AM
Surr: Dibromofluoromethane	106	52-132		%REC	1	6/26/2007 10:18:00 AM
Surr: Toluene-d8	90.8	51-127		%REC	1	6/26/2007 10:18:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-2
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 12:15:00 PM
Lab ID:	0706226-02B	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY-DISSOLVED		**SW7470A**		**SW3005A**		Analyst: **JP**
Mercury	U	0.000200		mg/L	1	6/28/2007 2:06:22 PM
TARGET ANALYTE LIST METALS-DISSOLVED		**SW6010B**		**SW3005A**		Analyst: **JP**
Aluminum	0.0456	0.0200		mg/L	1	7/2/2007 1:35:09 PM
Antimony	U	0.0250		mg/L	1	7/2/2007 1:35:09 PM
Arsenic	U	0.0250		mg/L	1	7/2/2007 1:35:09 PM
Barium	0.173	0.0200		mg/L	1	7/2/2007 1:35:09 PM
Beryllium	U	0.0200		mg/L	1	7/2/2007 1:35:09 PM
Cadmium	U	0.0100		mg/L	1	7/2/2007 1:35:09 PM
Calcium	50.0	0.0250		mg/L	1	7/2/2007 1:35:09 PM
Chromium	U	0.0200		mg/L	1	7/2/2007 1:35:09 PM
Cobalt	U	0.0200		mg/L	1	7/2/2007 1:35:09 PM
Copper	U	0.0200		mg/L	1	7/2/2007 1:35:09 PM
Iron	0.0797	0.0200		mg/L	1	7/2/2007 1:35:09 PM
Lead	U	0.0150		mg/L	1	7/2/2007 1:35:09 PM
Magnesium	21.3	0.0200		mg/L	1	7/2/2007 1:35:09 PM
Manganese	1.29	0.0200		mg/L	1	7/2/2007 1:35:09 PM
Nickel	0.0155	0.0200	J	mg/L	1	7/2/2007 1:35:09 PM
Potassium	3.98	0.100		mg/L	1	7/2/2007 1:35:09 PM
Selenium	U	0.0250		mg/L	1	7/2/2007 1:35:09 PM
Silver	U	0.0200		mg/L	1	7/2/2007 1:35:09 PM
Sodium	64.2	0.0300		mg/L	1	7/2/2007 1:35:09 PM
Thallium	U	0.0150		mg/L	1	7/2/2007 1:35:09 PM
Vanadium	U	0.0200		mg/L	1	7/2/2007 1:35:09 PM
Zinc	0.0456	0.0200		mg/L	1	7/2/2007 1:35:09 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-2 {0-2'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 1:30:00 PM
Lab ID:	0706226-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY		**SW7471B**		**SW7471B**		Analyst: **JP**
Mercury	0.163	0.0107		mg/Kg-dry	1	6/29/2007 12:52:48 PM
PCB'S AS AROCLORS SW-846 METHOD 8082		**SW8082A**		**SW3550**		Analyst: **KF**
Aroclor 1016	U	94		µg/Kg-dry	1	6/29/2007 9:46:00 AM
Aroclor 1221	U	94		µg/Kg-dry	1	6/29/2007 9:46:00 AM
Aroclor 1232	U	94		µg/Kg-dry	1	6/29/2007 9:46:00 AM
Aroclor 1242	U	94		µg/Kg-dry	1	6/29/2007 9:46:00 AM
Aroclor 1248	U	94		µg/Kg-dry	1	6/29/2007 9:46:00 AM
Aroclor 1254	U	94		µg/Kg-dry	1	6/29/2007 9:46:00 AM
Aroclor 1260	U	94		µg/Kg-dry	1	6/29/2007 9:46:00 AM
Surr: TCX	84.8	26-136		%REC	1	6/29/2007 9:46:00 AM
Surr: DCB	91.7	20-133		%REC	1	6/29/2007 9:46:00 AM
PESTICIDES SW-846 METHOD 8081		**SW8081B**		**SW3550**		Analyst: **MMR**
4,4'-DDD	U	5.8		µg/Kg-dry	1	6/29/2007 11:11:00 PM
4,4'-DDE	0.48	5.8	J	µg/Kg-dry	1	6/29/2007 11:11:00 PM
4,4'-DDT	U	5.8		µg/Kg-dry	1	6/29/2007 11:11:00 PM
Aldrin	U	5.8		µg/Kg-dry	1	6/29/2007 11:11:00 PM
alpha-BHC	U	5.8		µg/Kg-dry	1	6/29/2007 11:11:00 PM
beta-BHC	U	5.8		µg/Kg-dry	1	6/29/2007 11:11:00 PM
Chlordane	U	18		µg/Kg-dry	1	6/29/2007 11:11:00 PM
Chlorobenzilate	U	5.8		µg/Kg-dry	1	6/29/2007 11:11:00 PM
DBCP	U	5.8		µg/Kg-dry	1	6/29/2007 11:11:00 PM
delta-BHC	U	5.8		µg/Kg-dry	1	6/29/2007 11:11:00 PM
Dieldrin	U	5.8		µg/Kg-dry	1	6/29/2007 11:11:00 PM
Endosulfan I	U	5.8		µg/Kg-dry	1	6/29/2007 11:11:00 PM
Endosulfan II	U	5.8		µg/Kg-dry	1	6/29/2007 11:11:00 PM
Endosulfan sulfate	U	5.8		µg/Kg-dry	1	6/29/2007 11:11:00 PM
Endrin	U	5.8		µg/Kg-dry	1	6/29/2007 11:11:00 PM
Endrin aldehyde	U	5.8		µg/Kg-dry	1	6/29/2007 11:11:00 PM
Endrin ketone	U	5.8		µg/Kg-dry	1	6/29/2007 11:11:00 PM
gamma-BHC	U	5.8		µg/Kg-dry	1	6/29/2007 11:11:00 PM
Heptachlor	U	5.8		µg/Kg-dry	1	6/29/2007 11:11:00 PM
Heptachlor epoxide	U	5.8		µg/Kg-dry	1	6/29/2007 11:11:00 PM
Hexachlorobenzene	U	5.8		µg/Kg-dry	1	6/29/2007 11:11:00 PM
Hexachlorocyclopentadiene	U	5.8		µg/Kg-dry	1	6/29/2007 11:11:00 PM
Methoxychlor	U	5.8		µg/Kg-dry	1	6/29/2007 11:11:00 PM
Toxaphene	U	56		µg/Kg-dry	1	6/29/2007 11:11:00 PM
Surr: DCB	50.9	31-133		%REC	1	6/29/2007 11:11:00 PM
Surr: TCX	79.3	32-132		%REC	1	6/29/2007 11:11:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-2 {0-2'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 1:30:00 PM
Lab ID:	0706226-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE		**D2216**				Analyst: **CM**
Percent Moisture	14.5	0		wt%	1	6/25/2007
TARGET ANALYTE LIST METALS		**SW6010B**		**SW3050A**		Analyst: **JP**
Aluminum	8740	4.57		mg/Kg-dry	10	7/2/2007 2:34:57 PM
Antimony	0.572	0.571		mg/Kg-dry	1	7/2/2007 2:24:08 PM
Arsenic	2.90	0.571		mg/Kg-dry	1	7/2/2007 2:24:08 PM
Barium	178	0.457		mg/Kg-dry	1	7/2/2007 2:24:08 PM
Beryllium	U	0.457		mg/Kg-dry	1	7/2/2007 2:24:08 PM
Cadmium	U	0.228		mg/Kg-dry	1	7/2/2007 2:24:08 PM
Calcium	2490	0.571		mg/Kg-dry	1	7/2/2007 2:24:08 PM
Chromium	21.8	0.457		mg/Kg-dry	1	7/2/2007 2:24:08 PM
Cobalt	U	0.457		mg/Kg-dry	1	7/2/2007 2:24:08 PM
Copper	17.4	0.457		mg/Kg-dry	1	7/2/2007 2:24:08 PM
Iron	12000	4.57		mg/Kg-dry	10	7/2/2007 2:34:57 PM
Lead	57.8	0.343		mg/Kg-dry	1	7/2/2007 2:24:08 PM
Magnesium	2040	0.457		mg/Kg-dry	1	7/2/2007 2:24:08 PM
Manganese	136	0.457		mg/Kg-dry	1	7/2/2007 2:24:08 PM
Nickel	13.7	0.457		mg/Kg-dry	1	7/2/2007 2:24:08 PM
Potassium	940	2.28		mg/Kg-dry	1	7/2/2007 2:24:08 PM
Selenium	U	0.571		mg/Kg-dry	1	7/2/2007 2:24:08 PM
Silver	U	0.457		mg/Kg-dry	1	7/2/2007 2:24:08 PM
Sodium	228	1.37		mg/Kg-dry	1	7/2/2007 2:24:08 PM
Thallium	U	0.457		mg/Kg-dry	1	7/2/2007 2:24:08 PM
Vanadium	20.1	0.457		mg/Kg-dry	1	7/2/2007 2:24:08 PM
Zinc	102	0.457		mg/Kg-dry	1	7/2/2007 2:24:08 PM
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
1,2,4-Trichlorobenzene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
1,2-Dichlorobenzene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
1,3-Dichlorobenzene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
1,4-Dichlorobenzene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
2,4,5-Trichlorophenol	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
2,4,6-Trichlorophenol	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
2,4-Dichlorophenol	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
2,4-Dimethylphenol	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
2,4-Dinitrophenol	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
2,4-Dinitrotoluene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
2,6-Dinitrotoluene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
2-Chloronaphthalene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
2-Chlorophenol	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-2 {0-2'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 1:30:00 PM
Lab ID:	0706226-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
2-Methylnaphthalene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
2-Methylphenol	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
2-Nitroaniline	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
2-Nitrophenol	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
3,3'-Dichlorobenzidine	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
3+4-Methylphenol	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
3-Nitroaniline	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
4,6-Dinitro-2-methylphenol	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
4-Bromophenyl phenyl ether	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
4-Chloro-3-methylphenol	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
4-Chloroaniline	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
4-Chlorophenyl phenyl ether	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
4-Nitroaniline	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
4-Nitrophenol	U	180		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Acenaphthene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Acenaphthylene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Aniline	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Anthracene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Azobenzene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Benzidine	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Benzo(a)anthracene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Benzo(a)pyrene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Benzo(b)fluoranthene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Benzo(g,h,i)perylene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Benzo(k)fluoranthene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Benzoic acid	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Benzyl alcohol	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Bis(2-chloroethoxy)methane	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Bis(2-chloroethyl)ether	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Bis(2-chloroisopropyl)ether	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Bis(2-ethylhexyl)phthalate	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Butyl benzyl phthalate	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Carbazole	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Chrysene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Dibenzo(a,h)anthracene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Dibenzofuran	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Diethyl phthalate	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Dimethyl phthalate	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Di-n-butyl phthalate	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-2 {0-2'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 1:30:00 PM
Lab ID:	0706226-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
Di-n-octyl phthalate	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Fluoranthene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Fluorene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Hexachlorobenzene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Hexachlorobutadiene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Hexachlorocyclopentadiene	U	180		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Hexachloroethane	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Indeno(1,2,3-c,d)pyrene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Isophorone	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Naphthalene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Nitrobenzene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
N-Nitrosodimethylamine	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
N-Nitrosodi-n-propylamine	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
N-Nitrosodiphenylamine	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Pentachlorophenol	U	180		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Phenanthrene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Phenol	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Pyrene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Pyridine	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Surr: 2,4,6-Tribromophenol	73.5	22-124		%REC	1	6/26/2007 6:52:00 PM
Surr: 2-Fluorobiphenyl	88.0	27-119		%REC	1	6/26/2007 6:52:00 PM
Surr: 2-Fluorophenol	94.9	21-123		%REC	1	6/26/2007 6:52:00 PM
Surr: 4-Terphenyl-d14	97.0	28-126		%REC	1	6/26/2007 6:52:00 PM
Surr: Nitrobenzene-d5	82.9	21-118		%REC	1	6/26/2007 6:52:00 PM
Surr: Phenol-d6	96.6	18-129		%REC	1	6/26/2007 6:52:00 PM
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,1,1,2-Tetrachloroethane	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
1,1,1-Trichloroethane	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
1,1,2,2-Tetrachloroethane	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
1,1,2-Trichloroethane	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
1,1-Dichloroethane	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
1,1-Dichloroethene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
1,1-Dichloropropene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
1,2,3-Trichlorobenzene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
1,2,3-Trichloropropane	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
1,2,4,5-Tetramethylbenzene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
1,2,4-Trichlorobenzene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
1,2,4-Trimethylbenzene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-2 {0-2'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 1:30:00 PM
Lab ID:	0706226-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,2-Dibromo-3-chloropropane	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
1,2-Dibromoethane	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
1,2-Dichlorobenzene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
1,2-Dichloroethane	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
1,2-Dichloropropane	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
1,3,5-Trimethylbenzene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
1,3-Dichlorobenzene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
1,3-dichloropropane	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
1,4-Dichlorobenzene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
2,2-Dichloropropane	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
2-Butanone	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
2-Chloroethyl vinyl ether	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
2-Chlorotoluene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
2-Hexanone	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
2-Propanol	U	68		µg/Kg-dry	1	6/26/2007 10:42:00 AM
4-Chlorotoluene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
4-Isopropyltoluene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
4-Methyl-2-pentanone	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Acetone	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Acrolein	U	34		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Acrylonitrile	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Benzene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Bromobenzene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Bromochloromethane	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Bromodichloromethane	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Bromoform	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Bromomethane	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Carbon disulfide	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Carbon tetrachloride	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Chlorobenzene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Chlorodifluoromethane	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Chloroethane	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Chloroform	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Chloromethane	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
cis-1,2-Dichloroethene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
cis-1,3-Dichloropropene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Dibromochloromethane	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Dibromomethane	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Dichlorodifluoromethane	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-2 {0-2'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 1:30:00 PM
Lab ID:	0706226-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
Diisopropyl ether	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Ethanol	U	34		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Ethyl acetate	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Ethylbenzene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Freon-114	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Hexachlorobutadiene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Isopropyl acetate	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Isopropylbenzene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
m,p-Xylene	1.4	14	J	µg/Kg-dry	1	6/26/2007 10:42:00 AM
Methyl tert-butyl ether	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Methylene chloride	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
n-Amyl acetate	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Naphthalene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
n-Butyl acetate	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
n-Butylbenzene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
n-Propyl acetate	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
n-Propylbenzene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
o-Xylene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
p-Diethylbenzene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
p-Ethyltoluene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
sec-Butylbenzene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Styrene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
t-Butyl alcohol	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
tert-Butylbenzene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Tetrachloroethene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Toluene	1.3	6.8	J	µg/Kg-dry	1	6/26/2007 10:42:00 AM
trans-1,2-Dichloroethene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
trans-1,3-Dichloropropene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Trichloroethene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Trichlorofluoromethane	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Vinyl acetate	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Vinyl chloride	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Surr: 4-Bromofluorobenzene	86.0	61-133		%REC	1	6/26/2007 10:42:00 AM
Surr: Dibromofluoromethane	108	61-139		%REC	1	6/26/2007 10:42:00 AM
Surr: Toluene-d8	91.7	57-131		%REC	1	6/26/2007 10:42:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-2 {20'-25'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 2:30:00 PM
Lab ID:	0706226-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY		**SW7471B**		**SW7471B**		Analyst: **JP**
Mercury	0.00478	0.00956	J	mg/Kg-dry	1	6/29/2007 12:54:57 PM
PCB'S AS AROCLORS SW-846 METHOD 8082		**SW8082A**		**SW3550**		Analyst: **KF**
Aroclor 1016	U	81		µg/Kg-dry	1	6/29/2007 10:02:00 AM
Aroclor 1221	U	81		µg/Kg-dry	1	6/29/2007 10:02:00 AM
Aroclor 1232	U	81		µg/Kg-dry	1	6/29/2007 10:02:00 AM
Aroclor 1242	U	81		µg/Kg-dry	1	6/29/2007 10:02:00 AM
Aroclor 1248	U	81		µg/Kg-dry	1	6/29/2007 10:02:00 AM
Aroclor 1254	U	81		µg/Kg-dry	1	6/29/2007 10:02:00 AM
Aroclor 1260	U	81		µg/Kg-dry	1	6/29/2007 10:02:00 AM
Surr: TCX	75.3	26-136		%REC	1	6/29/2007 10:02:00 AM
Surr: DCB	82.0	20-133		%REC	1	6/29/2007 10:02:00 AM
PESTICIDES SW-846 METHOD 8081		**SW8081B**		**SW3550**		Analyst: **MMR**
4,4'-DDD	U	5.0		µg/Kg-dry	1	6/30/2007 12:02:00 AM
4,4'-DDE	0.54	5.0	J	µg/Kg-dry	1	6/30/2007 12:02:00 AM
4,4'-DDT	U	5.0		µg/Kg-dry	1	6/30/2007 12:02:00 AM
Aldrin	U	5.0		µg/Kg-dry	1	6/30/2007 12:02:00 AM
alpha-BHC	U	5.0		µg/Kg-dry	1	6/30/2007 12:02:00 AM
beta-BHC	U	5.0		µg/Kg-dry	1	6/30/2007 12:02:00 AM
Chlordane	U	15		µg/Kg-dry	1	6/30/2007 12:02:00 AM
Chlorobenzilate	U	5.0		µg/Kg-dry	1	6/30/2007 12:02:00 AM
DBCP	U	5.0		µg/Kg-dry	1	6/30/2007 12:02:00 AM
delta-BHC	U	5.0		µg/Kg-dry	1	6/30/2007 12:02:00 AM
Dieldrin	U	5.0		µg/Kg-dry	1	6/30/2007 12:02:00 AM
Endosulfan I	U	5.0		µg/Kg-dry	1	6/30/2007 12:02:00 AM
Endosulfan II	U	5.0		µg/Kg-dry	1	6/30/2007 12:02:00 AM
Endosulfan sulfate	U	5.0		µg/Kg-dry	1	6/30/2007 12:02:00 AM
Endrin	U	5.0		µg/Kg-dry	1	6/30/2007 12:02:00 AM
Endrin aldehyde	U	5.0		µg/Kg-dry	1	6/30/2007 12:02:00 AM
Endrin ketone	U	5.0		µg/Kg-dry	1	6/30/2007 12:02:00 AM
gamma-BHC	U	5.0		µg/Kg-dry	1	6/30/2007 12:02:00 AM
Heptachlor	U	5.0		µg/Kg-dry	1	6/30/2007 12:02:00 AM
Heptachlor epoxide	U	5.0		µg/Kg-dry	1	6/30/2007 12:02:00 AM
Hexachlorobenzene	U	5.0		µg/Kg-dry	1	6/30/2007 12:02:00 AM
Hexachlorocyclopentadiene	U	5.0		µg/Kg-dry	1	6/30/2007 12:02:00 AM
Methoxychlor	U	5.0		µg/Kg-dry	1	6/30/2007 12:02:00 AM
Toxaphene	U	49		µg/Kg-dry	1	6/30/2007 12:02:00 AM
Surr: DCB	44.3	31-133		%REC	1	6/30/2007 12:02:00 AM
Surr: TCX	61.9	32-132		%REC	1	6/30/2007 12:02:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-2 {20'-25'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 2:30:00 PM
Lab ID:	0706226-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE		**D2216**				Analyst: **CM**
Percent Moisture	2.22	0		wt%	1	6/25/2007
TARGET ANALYTE LIST METALS		**SW6010B**		**SW3050A**		Analyst: **JP**
Aluminum	1650	0.377		mg/Kg-dry	1	7/2/2007 2:26:32 PM
Antimony	U	0.472		mg/Kg-dry	1	7/2/2007 2:26:32 PM
Arsenic	0.685	0.472		mg/Kg-dry	1	7/2/2007 2:26:32 PM
Barium	8.61	0.377		mg/Kg-dry	1	7/2/2007 2:26:32 PM
Beryllium	U	0.377		mg/Kg-dry	1	7/2/2007 2:26:32 PM
Cadmium	U	0.189		mg/Kg-dry	1	7/2/2007 2:26:32 PM
Calcium	5100	0.472		mg/Kg-dry	1	7/2/2007 2:26:32 PM
Chromium	2.97	0.377		mg/Kg-dry	1	7/2/2007 2:26:32 PM
Cobalt	U	0.377		mg/Kg-dry	1	7/2/2007 2:26:32 PM
Copper	4.18	0.377		mg/Kg-dry	1	7/2/2007 2:26:32 PM
Iron	2390	0.377		mg/Kg-dry	1	7/2/2007 2:26:32 PM
Lead	1.23	0.283		mg/Kg-dry	1	7/2/2007 2:26:32 PM
Magnesium	1410	0.377		mg/Kg-dry	1	7/2/2007 2:26:32 PM
Manganese	73.4	0.377		mg/Kg-dry	1	7/2/2007 2:26:32 PM
Nickel	3.49	0.377		mg/Kg-dry	1	7/2/2007 2:26:32 PM
Potassium	338	1.89		mg/Kg-dry	1	7/2/2007 2:26:32 PM
Selenium	U	0.472		mg/Kg-dry	1	7/2/2007 2:26:32 PM
Silver	U	0.377		mg/Kg-dry	1	7/2/2007 2:26:32 PM
Sodium	136	1.13		mg/Kg-dry	1	7/2/2007 2:26:32 PM
Thallium	U	0.377		mg/Kg-dry	1	7/2/2007 2:26:32 PM
Vanadium	3.63	0.377		mg/Kg-dry	1	7/2/2007 2:26:32 PM
Zinc	7.71	0.377		mg/Kg-dry	1	7/2/2007 2:26:32 PM
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
1,2,4-Trichlorobenzene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
1,2-Dichlorobenzene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
1,3-Dichlorobenzene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
1,4-Dichlorobenzene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
2,4,5-Trichlorophenol	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
2,4,6-Trichlorophenol	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
2,4-Dichlorophenol	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
2,4-Dimethylphenol	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
2,4-Dinitrophenol	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
2,4-Dinitrotoluene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
2,6-Dinitrotoluene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
2-Chloronaphthalene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
2-Chlorophenol	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-2 {20'-25'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 2:30:00 PM
Lab ID:	0706226-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
2-Methylnaphthalene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
2-Methylphenol	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
2-Nitroaniline	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
2-Nitrophenol	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
3,3'-Dichlorobenzidine	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
3+4-Methylphenol	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
3-Nitroaniline	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
4,6-Dinitro-2-methylphenol	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
4-Bromophenyl phenyl ether	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
4-Chloro-3-methylphenol	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
4-Chloroaniline	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
4-Chlorophenyl phenyl ether	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
4-Nitroaniline	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
4-Nitrophenol	U	150		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Acenaphthene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Acenaphthylene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Aniline	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Anthracene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Azobenzene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Benzidine	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Benzo(a)anthracene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Benzo(a)pyrene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Benzo(b)fluoranthene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Benzo(g,h,i)perylene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Benzo(k)fluoranthene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Benzoic acid	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Benzyl alcohol	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Bis(2-chloroethoxy)methane	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Bis(2-chloroethyl)ether	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Bis(2-chloroisopropyl)ether	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Bis(2-ethylhexyl)phthalate	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Butyl benzyl phthalate	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Carbazole	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Chrysene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Dibenzo(a,h)anthracene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Dibenzofuran	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Diethyl phthalate	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Dimethyl phthalate	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Di-n-butyl phthalate	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-2 {20'-25'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 2:30:00 PM
Lab ID:	0706226-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
Di-n-octyl phthalate	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Fluoranthene	140	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Fluorene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Hexachlorobenzene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Hexachlorobutadiene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Hexachlorocyclopentadiene	U	150		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Hexachloroethane	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Indeno(1,2,3-c,d)pyrene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Isophorone	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Naphthalene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Nitrobenzene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
N-Nitrosodimethylamine	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
N-Nitrosodi-n-propylamine	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
N-Nitrosodiphenylamine	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Pentachlorophenol	U	150		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Phenanthrene	92	120	J	µg/Kg-dry	1	6/26/2007 7:17:00 PM
Phenol	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Pyrene	140	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Pyridine	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Surr: 2,4,6-Tribromophenol	71.7	22-124		%REC	1	6/26/2007 7:17:00 PM
Surr: 2-Fluorobiphenyl	89.8	27-119		%REC	1	6/26/2007 7:17:00 PM
Surr: 2-Fluorophenol	97.1	21-123		%REC	1	6/26/2007 7:17:00 PM
Surr: 4-Terphenyl-d14	93.5	28-126		%REC	1	6/26/2007 7:17:00 PM
Surr: Nitrobenzene-d5	83.9	21-118		%REC	1	6/26/2007 7:17:00 PM
Surr: Phenol-d6	98.6	18-129		%REC	1	6/26/2007 7:17:00 PM
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,1,1,2-Tetrachloroethane	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
1,1,1-Trichloroethane	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
1,1,2,2-Tetrachloroethane	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
1,1,2-Trichloroethane	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
1,1-Dichloroethane	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
1,1-Dichloroethene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
1,1-Dichloropropene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
1,2,3-Trichlorobenzene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
1,2,3-Trichloropropane	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
1,2,4,5-Tetramethylbenzene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
1,2,4-Trichlorobenzene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
1,2,4-Trimethylbenzene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-2 {20'-25'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 2:30:00 PM
Lab ID:	0706226-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,2-Dibromo-3-chloropropane	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
1,2-Dibromoethane	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
1,2-Dichlorobenzene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
1,2-Dichloroethane	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
1,2-Dichloropropane	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
1,3,5-Trimethylbenzene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
1,3-Dichlorobenzene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
1,3-dichloropropane	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
1,4-Dichlorobenzene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
2,2-Dichloropropane	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
2-Butanone	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
2-Chloroethyl vinyl ether	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
2-Chlorotoluene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
2-Hexanone	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
2-Propanol	U	53		µg/Kg-dry	1	6/26/2007 11:07:00 AM
4-Chlorotoluene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
4-Isopropyltoluene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
4-Methyl-2-pentanone	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Acetone	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Acrolein	U	27		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Acrylonitrile	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Benzene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Bromobenzene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Bromochloromethane	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Bromodichloromethane	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Bromoform	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Bromomethane	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Carbon disulfide	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Carbon tetrachloride	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Chlorobenzene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Chlorodifluoromethane	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Chloroethane	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Chloroform	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Chloromethane	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
cis-1,2-Dichloroethene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
cis-1,3-Dichloropropene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Dibromochloromethane	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Dibromomethane	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Dichlorodifluoromethane	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-2 {20'-25'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 2:30:00 PM
Lab ID:	0706226-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
Diisopropyl ether	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Ethanol	U	27		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Ethyl acetate	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Ethylbenzene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Freon-114	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Hexachlorobutadiene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Isopropyl acetate	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Isopropylbenzene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
m,p-Xylene	U	11		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Methyl tert-butyl ether	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Methylene chloride	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
n-Amyl acetate	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Naphthalene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
n-Butyl acetate	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
n-Butylbenzene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
n-Propyl acetate	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
n-Propylbenzene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
o-Xylene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
p-Diethylbenzene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
p-Ethyltoluene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
sec-Butylbenzene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Styrene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
t-Butyl alcohol	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
tert-Butylbenzene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Tetrachloroethene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Toluene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
trans-1,2-Dichloroethene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
trans-1,3-Dichloropropene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Trichloroethene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Trichlorofluoromethane	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Vinyl acetate	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Vinyl chloride	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Surr: 4-Bromofluorobenzene	88.5	61-133		%REC	1	6/26/2007 11:07:00 AM
Surr: Dibromofluoromethane	103	61-139		%REC	1	6/26/2007 11:07:00 AM
Surr: Toluene-d8	85.8	57-131		%REC	1	6/26/2007 11:07:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-3 {0-2'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 9:50:00 AM
Lab ID:	0706226-05A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY		**SW7471B**		**SW7471B**		Analyst: **JP**
Mercury	0.0563	0.0105		mg/Kg-dry	1	6/29/2007 1:01:24 PM
PCB'S AS AROCLORS SW-846 METHOD 8082		**SW8082A**		**SW3550**		Analyst: **KF**
Aroclor 1016	U	88		µg/Kg-dry	1	6/29/2007 10:19:00 AM
Aroclor 1221	U	88		µg/Kg-dry	1	6/29/2007 10:19:00 AM
Aroclor 1232	U	88		µg/Kg-dry	1	6/29/2007 10:19:00 AM
Aroclor 1242	U	88		µg/Kg-dry	1	6/29/2007 10:19:00 AM
Aroclor 1248	U	88		µg/Kg-dry	1	6/29/2007 10:19:00 AM
Aroclor 1254	U	88		µg/Kg-dry	1	6/29/2007 10:19:00 AM
Aroclor 1260	U	88		µg/Kg-dry	1	6/29/2007 10:19:00 AM
Surr: TCX	107	26-136		%REC	1	6/29/2007 10:19:00 AM
Surr: DCB	112	20-133		%REC	1	6/29/2007 10:19:00 AM
PESTICIDES SW-846 METHOD 8081		**SW8081B**		**SW3550**		Analyst: **MMR**
4,4'-DDD	1.3	5.5	J	µg/Kg-dry	1	6/30/2007 12:19:00 AM
4,4'-DDE	0.78	5.5	J	µg/Kg-dry	1	6/30/2007 12:19:00 AM
4,4'-DDT	1.5	5.5	J	µg/Kg-dry	1	6/30/2007 12:19:00 AM
Aldrin	0.28	5.5	J	µg/Kg-dry	1	6/30/2007 12:19:00 AM
alpha-BHC	U	5.5		µg/Kg-dry	1	6/30/2007 12:19:00 AM
beta-BHC	U	5.5		µg/Kg-dry	1	6/30/2007 12:19:00 AM
Chlordane	U	16		µg/Kg-dry	1	6/30/2007 12:19:00 AM
Chlorobenzilate	U	5.5		µg/Kg-dry	1	6/30/2007 12:19:00 AM
DBCP	U	5.5		µg/Kg-dry	1	6/30/2007 12:19:00 AM
delta-BHC	U	5.5		µg/Kg-dry	1	6/30/2007 12:19:00 AM
Dieldrin	6.4	5.5		µg/Kg-dry	1	6/30/2007 12:19:00 AM
Endosulfan I	U	5.5		µg/Kg-dry	1	6/30/2007 12:19:00 AM
Endosulfan II	U	5.5		µg/Kg-dry	1	6/30/2007 12:19:00 AM
Endosulfan sulfate	U	5.5		µg/Kg-dry	1	6/30/2007 12:19:00 AM
Endrin	U	5.5		µg/Kg-dry	1	6/30/2007 12:19:00 AM
Endrin aldehyde	U	5.5		µg/Kg-dry	1	6/30/2007 12:19:00 AM
Endrin ketone	U	5.5		µg/Kg-dry	1	6/30/2007 12:19:00 AM
gamma-BHC	U	5.5		µg/Kg-dry	1	6/30/2007 12:19:00 AM
Heptachlor	U	5.5		µg/Kg-dry	1	6/30/2007 12:19:00 AM
Heptachlor epoxide	U	5.5		µg/Kg-dry	1	6/30/2007 12:19:00 AM
Hexachlorobenzene	U	5.5		µg/Kg-dry	1	6/30/2007 12:19:00 AM
Hexachlorocyclopentadiene	U	5.5		µg/Kg-dry	1	6/30/2007 12:19:00 AM
Methoxychlor	U	5.5		µg/Kg-dry	1	6/30/2007 12:19:00 AM
Toxaphene	U	53		µg/Kg-dry	1	6/30/2007 12:19:00 AM
Surr: DCB	104	31-133		%REC	1	6/30/2007 12:19:00 AM
Surr: TCX	120	32-132		%REC	1	6/30/2007 12:19:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-3 {0-2'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 9:50:00 AM
Lab ID:	0706226-05A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE		**D2216**				Analyst: **CM**
Percent Moisture	8.66	0		wt%	1	6/25/2007
TARGET ANALYTE LIST METALS		**SW6010B**		**SW3050A**		Analyst: **JP**
Aluminum	5620	3.81		mg/Kg-dry	10	7/2/2007 2:39:17 PM
Antimony	0.399	0.477	J	mg/Kg-dry	1	7/2/2007 2:30:20 PM
Arsenic	8.19	0.477		mg/Kg-dry	1	7/2/2007 2:30:20 PM
Barium	35.9	0.381		mg/Kg-dry	1	7/2/2007 2:30:20 PM
Beryllium	U	0.381		mg/Kg-dry	1	7/2/2007 2:30:20 PM
Cadmium	0.220	0.191		mg/Kg-dry	1	7/2/2007 2:30:20 PM
Calcium	27800	4.77		mg/Kg-dry	10	7/2/2007 2:39:17 PM
Chromium	9.42	0.381		mg/Kg-dry	1	7/2/2007 2:30:20 PM
Cobalt	U	0.381		mg/Kg-dry	1	7/2/2007 2:30:20 PM
Copper	12.4	0.381		mg/Kg-dry	1	7/2/2007 2:30:20 PM
Iron	3590	0.381		mg/Kg-dry	1	7/2/2007 2:30:20 PM
Lead	69.3	0.286		mg/Kg-dry	1	7/2/2007 2:30:20 PM
Magnesium	17400	3.81		mg/Kg-dry	10	7/2/2007 2:39:17 PM
Manganese	135	0.381		mg/Kg-dry	1	7/2/2007 2:30:20 PM
Nickel	8.03	0.381		mg/Kg-dry	1	7/2/2007 2:30:20 PM
Potassium	1020	1.91		mg/Kg-dry	1	7/2/2007 2:30:20 PM
Selenium	U	0.477		mg/Kg-dry	1	7/2/2007 2:30:20 PM
Silver	U	0.381		mg/Kg-dry	1	7/2/2007 2:30:20 PM
Sodium	345	1.14		mg/Kg-dry	1	7/2/2007 2:30:20 PM
Thallium	0.663	0.381		mg/Kg-dry	1	7/2/2007 2:30:20 PM
Vanadium	12.9	0.381		mg/Kg-dry	1	7/2/2007 2:30:20 PM
Zinc	33.9	0.381		mg/Kg-dry	1	7/2/2007 2:30:20 PM
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
1,2,4-Trichlorobenzene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
1,2-Dichlorobenzene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
1,3-Dichlorobenzene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
1,4-Dichlorobenzene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
2,4,5-Trichlorophenol	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
2,4,6-Trichlorophenol	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
2,4-Dichlorophenol	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
2,4-Dimethylphenol	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
2,4-Dinitrophenol	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
2,4-Dinitrotoluene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
2,6-Dinitrotoluene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
2-Chloronaphthalene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
2-Chlorophenol	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-3 {0-2'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 9:50:00 AM
Lab ID:	0706226-05A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
2-Methylnaphthalene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
2-Methylphenol	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
2-Nitroaniline	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
2-Nitrophenol	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
3,3'-Dichlorobenzidine	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
3+4-Methylphenol	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
3-Nitroaniline	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
4,6-Dinitro-2-methylphenol	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
4-Bromophenyl phenyl ether	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
4-Chloro-3-methylphenol	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
4-Chloroaniline	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
4-Chlorophenyl phenyl ether	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
4-Nitroaniline	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
4-Nitrophenol	U	160		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Acenaphthene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Acenaphthylene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Aniline	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Anthracene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Azobenzene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Benzidine	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Benzo(a)anthracene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Benzo(a)pyrene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Benzo(b)fluoranthene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Benzo(g,h,i)perylene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Benzo(k)fluoranthene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Benzoic acid	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Benzyl alcohol	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Bis(2-chloroethoxy)methane	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Bis(2-chloroethyl)ether	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Bis(2-chloroisopropyl)ether	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Bis(2-ethylhexyl)phthalate	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Butyl benzyl phthalate	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Carbazole	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Chrysene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Dibenzo(a,h)anthracene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Dibenzofuran	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Diethyl phthalate	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Dimethyl phthalate	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Di-n-butyl phthalate	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-3 {0-2'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 9:50:00 AM
Lab ID:	0706226-05A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
Di-n-octyl phthalate	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Fluoranthene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Fluorene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Hexachlorobenzene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Hexachlorobutadiene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Hexachlorocyclopentadiene	U	160		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Hexachloroethane	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Indeno(1,2,3-c,d)pyrene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Isophorone	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Naphthalene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Nitrobenzene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
N-Nitrosodimethylamine	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
N-Nitrosodi-n-propylamine	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
N-Nitrosodiphenylamine	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Pentachlorophenol	U	160		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Phenanthrene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Phenol	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Pyrene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Pyridine	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Surr: 2,4,6-Tribromophenol	67.6	22-124		%REC	1	6/26/2007 7:42:00 PM
Surr: 2-Fluorobiphenyl	84.1	27-119		%REC	1	6/26/2007 7:42:00 PM
Surr: 2-Fluorophenol	88.6	21-123		%REC	1	6/26/2007 7:42:00 PM
Surr: 4-Terphenyl-d14	92.8	28-126		%REC	1	6/26/2007 7:42:00 PM
Surr: Nitrobenzene-d5	75.8	21-118		%REC	1	6/26/2007 7:42:00 PM
Surr: Phenol-d6	89.7	18-129		%REC	1	6/26/2007 7:42:00 PM
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,1,1,2-Tetrachloroethane	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
1,1,1-Trichloroethane	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
1,1,2,2-Tetrachloroethane	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
1,1,2-Trichloroethane	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
1,1-Dichloroethane	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
1,1-Dichloroethene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
1,1-Dichloropropene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
1,2,3-Trichlorobenzene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
1,2,3-Trichloropropane	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
1,2,4,5-Tetramethylbenzene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
1,2,4-Trichlorobenzene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
1,2,4-Trimethylbenzene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-3 {0-2'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 9:50:00 AM
Lab ID:	0706226-05A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,2-Dibromo-3-chloropropane	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
1,2-Dibromoethane	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
1,2-Dichlorobenzene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
1,2-Dichloroethane	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
1,2-Dichloropropane	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
1,3,5-Trimethylbenzene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
1,3-Dichlorobenzene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
1,3-dichloropropane	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
1,4-Dichlorobenzene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
2,2-Dichloropropane	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
2-Butanone	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
2-Chloroethyl vinyl ether	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
2-Chlorotoluene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
2-Hexanone	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
2-Propanol	U	67		µg/Kg-dry	1	6/26/2007 11:31:00 AM
4-Chlorotoluene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
4-Isopropyltoluene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
4-Methyl-2-pentanone	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Acetone	78	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Acrolein	U	33		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Acrylonitrile	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Benzene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Bromobenzene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Bromochloromethane	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Bromodichloromethane	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Bromoform	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Bromomethane	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Carbon disulfide	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Carbon tetrachloride	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Chlorobenzene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Chlorodifluoromethane	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Chloroethane	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Chloroform	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Chloromethane	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
cis-1,2-Dichloroethene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
cis-1,3-Dichloropropene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Dibromochloromethane	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Dibromomethane	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Dichlorodifluoromethane	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-3 {0-2'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 9:50:00 AM
Lab ID:	0706226-05A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
Diisopropyl ether	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Ethanol	U	33		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Ethyl acetate	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Ethylbenzene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Freon-114	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Hexachlorobutadiene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Isopropyl acetate	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Isopropylbenzene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
m,p-Xylene	U	13		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Methyl tert-butyl ether	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Methylene chloride	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
n-Amyl acetate	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Naphthalene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
n-Butyl acetate	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
n-Butylbenzene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
n-Propyl acetate	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
n-Propylbenzene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
o-Xylene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
p-Diethylbenzene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
p-Ethyltoluene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
sec-Butylbenzene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Styrene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
t-Butyl alcohol	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
tert-Butylbenzene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Tetrachloroethene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Toluene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
trans-1,2-Dichloroethene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
trans-1,3-Dichloropropene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Trichloroethene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Trichlorofluoromethane	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Vinyl acetate	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Vinyl chloride	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Surr: 4-Bromofluorobenzene	86.9	61-133		%REC	1	6/26/2007 11:31:00 AM
Surr: Dibromofluoromethane	109	61-139		%REC	1	6/26/2007 11:31:00 AM
Surr: Toluene-d8	87.3	57-131		%REC	1	6/26/2007 11:31:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-3 {12'-15'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 10:15:00 AM
Lab ID:	0706226-06A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY		**SW7471B**		**SW7471B**		Analyst: **JP**
Mercury	0.00494	0.00988	J	mg/Kg-dry	1	6/29/2007 1:03:34 PM
PCB'S AS AROCLORS SW-846 METHOD 8082		**SW8082A**		**SW3550**		Analyst: **KF**
Aroclor 1016	U	85		µg/Kg-dry	1	6/29/2007 10:35:00 AM
Aroclor 1221	U	85		µg/Kg-dry	1	6/29/2007 10:35:00 AM
Aroclor 1232	U	85		µg/Kg-dry	1	6/29/2007 10:35:00 AM
Aroclor 1242	U	85		µg/Kg-dry	1	6/29/2007 10:35:00 AM
Aroclor 1248	U	85		µg/Kg-dry	1	6/29/2007 10:35:00 AM
Aroclor 1254	U	85		µg/Kg-dry	1	6/29/2007 10:35:00 AM
Aroclor 1260	U	85		µg/Kg-dry	1	6/29/2007 10:35:00 AM
Surr: TCX	103	26-136		%REC	1	6/29/2007 10:35:00 AM
Surr: DCB	116	20-133		%REC	1	6/29/2007 10:35:00 AM
PESTICIDES SW-846 METHOD 8081		**SW8081B**		**SW3550**		Analyst: **MMR**
4,4'-DDD	U	5.3		µg/Kg-dry	1	6/30/2007 12:37:00 AM
4,4'-DDE	0.28	5.3	J	µg/Kg-dry	1	6/30/2007 12:37:00 AM
4,4'-DDT	U	5.3		µg/Kg-dry	1	6/30/2007 12:37:00 AM
Aldrin	U	5.3		µg/Kg-dry	1	6/30/2007 12:37:00 AM
alpha-BHC	U	5.3		µg/Kg-dry	1	6/30/2007 12:37:00 AM
beta-BHC	U	5.3		µg/Kg-dry	1	6/30/2007 12:37:00 AM
Chlordane	U	16		µg/Kg-dry	1	6/30/2007 12:37:00 AM
Chlorobenzilate	U	5.3		µg/Kg-dry	1	6/30/2007 12:37:00 AM
DBCP	U	5.3		µg/Kg-dry	1	6/30/2007 12:37:00 AM
delta-BHC	U	5.3		µg/Kg-dry	1	6/30/2007 12:37:00 AM
Dieldrin	U	5.3		µg/Kg-dry	1	6/30/2007 12:37:00 AM
Endosulfan I	U	5.3		µg/Kg-dry	1	6/30/2007 12:37:00 AM
Endosulfan II	U	5.3		µg/Kg-dry	1	6/30/2007 12:37:00 AM
Endosulfan sulfate	U	5.3		µg/Kg-dry	1	6/30/2007 12:37:00 AM
Endrin	U	5.3		µg/Kg-dry	1	6/30/2007 12:37:00 AM
Endrin aldehyde	U	5.3		µg/Kg-dry	1	6/30/2007 12:37:00 AM
Endrin ketone	U	5.3		µg/Kg-dry	1	6/30/2007 12:37:00 AM
gamma-BHC	U	5.3		µg/Kg-dry	1	6/30/2007 12:37:00 AM
Heptachlor	U	5.3		µg/Kg-dry	1	6/30/2007 12:37:00 AM
Heptachlor epoxide	U	5.3		µg/Kg-dry	1	6/30/2007 12:37:00 AM
Hexachlorobenzene	U	5.3		µg/Kg-dry	1	6/30/2007 12:37:00 AM
Hexachlorocyclopentadiene	U	5.3		µg/Kg-dry	1	6/30/2007 12:37:00 AM
Methoxychlor	U	5.3		µg/Kg-dry	1	6/30/2007 12:37:00 AM
Toxaphene	U	51		µg/Kg-dry	1	6/30/2007 12:37:00 AM
Surr: DCB	87.9	31-133		%REC	1	6/30/2007 12:37:00 AM
Surr: TCX	85.2	32-132		%REC	1	6/30/2007 12:37:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-3 {12'-15'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 10:15:00 AM
Lab ID:	0706226-06A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE		**D2216**				Analyst: **CM**
Percent Moisture	8.82	0		wt%	1	6/25/2007
TARGET ANALYTE LIST METALS		**SW6010B**		**SW3050A**		Analyst: **JP**
Aluminum	4840	0.368		mg/Kg-dry	1	7/2/2007 2:32:32 PM
Antimony	U	0.460		mg/Kg-dry	1	7/2/2007 2:32:32 PM
Arsenic	0.700	0.460		mg/Kg-dry	1	7/2/2007 2:32:32 PM
Barium	34.0	0.368		mg/Kg-dry	1	7/2/2007 2:32:32 PM
Beryllium	U	0.368		mg/Kg-dry	1	7/2/2007 2:32:32 PM
Cadmium	U	0.184		mg/Kg-dry	1	7/2/2007 2:32:32 PM
Calcium	389	0.460		mg/Kg-dry	1	7/2/2007 2:32:32 PM
Chromium	15.5	0.368		mg/Kg-dry	1	7/2/2007 2:32:32 PM
Cobalt	U	0.368		mg/Kg-dry	1	7/2/2007 2:32:32 PM
Copper	15.9	0.368		mg/Kg-dry	1	7/2/2007 2:32:32 PM
Iron	10000	3.68		mg/Kg-dry	10	7/2/2007 2:41:29 PM
Lead	3.00	0.276		mg/Kg-dry	1	7/2/2007 2:32:32 PM
Magnesium	1280	0.368		mg/Kg-dry	1	7/2/2007 2:32:32 PM
Manganese	121	0.368		mg/Kg-dry	1	7/2/2007 2:32:32 PM
Nickel	16.1	0.368		mg/Kg-dry	1	7/2/2007 2:32:32 PM
Potassium	1460	1.84		mg/Kg-dry	1	7/2/2007 2:32:32 PM
Selenium	U	0.460		mg/Kg-dry	1	7/2/2007 2:32:32 PM
Silver	U	0.368		mg/Kg-dry	1	7/2/2007 2:32:32 PM
Sodium	211	1.10		mg/Kg-dry	1	7/2/2007 2:32:32 PM
Thallium	U	0.368		mg/Kg-dry	1	7/2/2007 2:32:32 PM
Vanadium	18.5	0.368		mg/Kg-dry	1	7/2/2007 2:32:32 PM
Zinc	18.3	0.368		mg/Kg-dry	1	7/2/2007 2:32:32 PM
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
1,2,4-Trichlorobenzene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
1,2-Dichlorobenzene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
1,3-Dichlorobenzene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
1,4-Dichlorobenzene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
2,4,5-Trichlorophenol	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
2,4,6-Trichlorophenol	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
2,4-Dichlorophenol	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
2,4-Dimethylphenol	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
2,4-Dinitrophenol	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
2,4-Dinitrotoluene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
2,6-Dinitrotoluene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
2-Chloronaphthalene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
2-Chlorophenol	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-3 {12'-15'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 10:15:00 AM
Lab ID:	0706226-06A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
2-Methylnaphthalene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
2-Methylphenol	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
2-Nitroaniline	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
2-Nitrophenol	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
3,3'-Dichlorobenzidine	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
3+4-Methylphenol	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
3-Nitroaniline	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
4,6-Dinitro-2-methylphenol	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
4-Bromophenyl phenyl ether	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
4-Chloro-3-methylphenol	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
4-Chloroaniline	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
4-Chlorophenyl phenyl ether	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
4-Nitroaniline	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
4-Nitrophenol	U	160		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Acenaphthene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Acenaphthylene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Aniline	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Anthracene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Azobenzene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Benzidine	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Benzo(a)anthracene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Benzo(a)pyrene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Benzo(b)fluoranthene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Benzo(g,h,i)perylene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Benzo(k)fluoranthene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Benzoic acid	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Benzyl alcohol	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Bis(2-chloroethoxy)methane	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Bis(2-chloroethyl)ether	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Bis(2-chloroisopropyl)ether	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Bis(2-ethylhexyl)phthalate	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Butyl benzyl phthalate	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Carbazole	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Chrysene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Dibenzo(a,h)anthracene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Dibenzofuran	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Diethyl phthalate	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Dimethyl phthalate	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Di-n-butyl phthalate	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-3 {12'-15'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 10:15:00 AM
Lab ID:	0706226-06A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
Di-n-octyl phthalate	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Fluoranthene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Fluorene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Hexachlorobenzene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Hexachlorobutadiene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Hexachlorocyclopentadiene	U	160		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Hexachloroethane	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Indeno(1,2,3-c,d)pyrene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Isophorone	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Naphthalene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Nitrobenzene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
N-Nitrosodimethylamine	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
N-Nitrosodi-n-propylamine	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
N-Nitrosodiphenylamine	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Pentachlorophenol	U	160		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Phenanthrene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Phenol	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Pyrene	96	130	J	µg/Kg-dry	1	6/26/2007 8:08:00 PM
Pyridine	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Surr: 2,4,6-Tribromophenol	79.0	22-124		%REC	1	6/26/2007 8:08:00 PM
Surr: 2-Fluorobiphenyl	84.2	27-119		%REC	1	6/26/2007 8:08:00 PM
Surr: 2-Fluorophenol	89.4	21-123		%REC	1	6/26/2007 8:08:00 PM
Surr: 4-Terphenyl-d14	92.9	28-126		%REC	1	6/26/2007 8:08:00 PM
Surr: Nitrobenzene-d5	81.1	21-118		%REC	1	6/26/2007 8:08:00 PM
Surr: Phenol-d6	91.9	18-129		%REC	1	6/26/2007 8:08:00 PM
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,1,1,2-Tetrachloroethane	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
1,1,1-Trichloroethane	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
1,1,2,2-Tetrachloroethane	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
1,1,2-Trichloroethane	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
1,1-Dichloroethane	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
1,1-Dichloroethene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
1,1-Dichloropropene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
1,2,3-Trichlorobenzene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
1,2,3-Trichloropropane	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
1,2,4,5-Tetramethylbenzene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
1,2,4-Trichlorobenzene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
1,2,4-Trimethylbenzene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-3 {12'-15'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 10:15:00 AM
Lab ID:	0706226-06A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,2-Dibromo-3-chloropropane	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
1,2-Dibromoethane	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
1,2-Dichlorobenzene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
1,2-Dichloroethane	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
1,2-Dichloropropane	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
1,3,5-Trimethylbenzene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
1,3-Dichlorobenzene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
1,3-dichloropropane	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
1,4-Dichlorobenzene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
2,2-Dichloropropane	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
2-Butanone	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
2-Chloroethyl vinyl ether	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
2-Chlorotoluene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
2-Hexanone	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
2-Propanol	U	54		µg/Kg-dry	1	6/26/2007 11:56:00 AM
4-Chlorotoluene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
4-Isopropyltoluene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
4-Methyl-2-pentanone	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Acetone	80	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Acrolein	U	27		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Acrylonitrile	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Benzene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Bromobenzene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Bromochloromethane	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Bromodichloromethane	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Bromoform	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Bromomethane	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Carbon disulfide	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Carbon tetrachloride	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Chlorobenzene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Chlorodifluoromethane	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Chloroethane	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Chloroform	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Chloromethane	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
cis-1,2-Dichloroethene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
cis-1,3-Dichloropropene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Dibromochloromethane	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Dibromomethane	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Dichlorodifluoromethane	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-3 {12'-15'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 10:15:00 AM
Lab ID:	0706226-06A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
Diisopropyl ether	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Ethanol	U	27		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Ethyl acetate	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Ethylbenzene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Freon-114	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Hexachlorobutadiene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Isopropyl acetate	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Isopropylbenzene	3.5	5.4	J	µg/Kg-dry	1	6/26/2007 11:56:00 AM
m,p-Xylene	1.3	11	J	µg/Kg-dry	1	6/26/2007 11:56:00 AM
Methyl tert-butyl ether	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Methylene chloride	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
n-Amyl acetate	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Naphthalene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
n-Butyl acetate	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
n-Butylbenzene	21	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
n-Propyl acetate	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
n-Propylbenzene	7.8	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
o-Xylene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
p-Diethylbenzene	15	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
p-Ethyltoluene	4.0	5.4	J	µg/Kg-dry	1	6/26/2007 11:56:00 AM
sec-Butylbenzene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Styrene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
t-Butyl alcohol	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
tert-Butylbenzene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Tetrachloroethene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Toluene	1.0	5.4	J	µg/Kg-dry	1	6/26/2007 11:56:00 AM
trans-1,2-Dichloroethene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
trans-1,3-Dichloropropene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Trichloroethene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Trichlorofluoromethane	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Vinyl acetate	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Vinyl chloride	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Surr: 4-Bromofluorobenzene	144	61-133	S	%REC	1	6/26/2007 11:56:00 AM
Surr: Dibromofluoromethane	108	61-139		%REC	1	6/26/2007 11:56:00 AM
Surr: Toluene-d8	91.8	57-131		%REC	1	6/26/2007 11:56:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

AMERICAN ANALYTICAL LABORATORIES

NYSDOH 11418
NJDEP NY050
CTDOH PH-0205
PADEP 68-00573

Friday, July 06, 2007

Jim DeMartinis
J.R. Holzmacher P.E. LLC
300 Wheeler Road
Suite 303
Hauppauge, NY 11788

TEL: (631) 234-2220
FAX (631) 234-2221

RE: 211-08 Northern Boulevard, Bayside

Order No.: 0706228

Dear Jim DeMartinis:

American Analytical Laboratories, LLC. received 6 sample(s) on 6/22/2007 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 limits 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.

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
Lab Director

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735
(631) 454-6100 • FAX: (631) 454-8027

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT: J.R. Holzmacher P.E. LLC
Project: 211-08 Northern Boulevard, Bayside
Lab Order: 0706228

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Date Collected	Date Received
0706228-01A	W-3		6/22/2007 1:00:00 PM	6/22/2007
0706228-01B	W-3		6/22/2007 1:00:00 PM	6/22/2007
0706228-02A	B-1 {0-2'}		6/22/2007 10:00:00 AM	6/22/2007
0706228-03A	B-1 {20-25'}		6/22/2007 10:55:00 AM	6/22/2007
0706228-04A	B-4 {0-2'}		6/22/2007 11:15:00 AM	6/22/2007
0706228-05A	B-4 {20-25'}		6/22/2007 11:40:00 AM	6/22/2007
0706228-06A	W-3 {0-2'}		6/22/2007	6/22/2007

AMERICAN ANALYTICAL LABORATORIES
56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735
(631) 454-6100 • FAX (631) 454-8027

TAG # / COC _____

NYSDOH	11418
CTDOH	PH-0205
NJDEP	NY050
PADEP	68-573

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS
J.R. Holzmacher P.E. LLC
300 Wheeler Rd, Suite 303
Hauppauge, NY

CONTACT: Jim DeMartinis

SAMPLER (SIGNATURE): Eric Geisbusch

SAMPLER NAME (PRINT): Eric Geisbusch

SAMPLE(S) SEALED: YES / NO

CORRECT CONTAINER(S): (YES) / NO

PROJECT LOCATION: 211-08 Northern Boulevard, Bayside

LABORATORY ID #	MATRIX	# CONTAINERS	SAMPLING DATE/ TIME	SAMPLE # - LOCATION	EPA 8260	EPA 8270	Pesticides 8081	PCBs 8082	Filtered TAL Metals	Unfiltered TAL Metals	TAL Metals								FOR METHANOL PRESERVED SAMPLES [VOLATILE VIAL #]
C706227-01AB	L	6	06/22/07 1pm	W-3	X	X	X	X	X	X									
-02A	S	2	06/22/07 10AM	B-1 (0'-2')	X	X	X	X			X								
-03A	S	2	06/22/07 10:55	B-1 (20'-25')	X	X	X	X			X								
-04A	S	2	06/22/07 11:15	B-4 (0'-2')	X	X	X	X			X								
-05A	S	2	06/22/07 11:40	B-4 (20'-25')	X	X	X	X			X								
-06A	S		06/22/07	W-3 (0'-2')	X	X	X	X			X								
					06/22/07														

COOLER TEMPERATURE:

MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL
TYPE G=GRAB; C=COMPOSITE, SS=SPLIT SPOON

TURNAROUND REQUIRED:
NORMAL ☐ STAT ☐ BY / /

COMMENTS / INSTRUCTIONS

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
Eric Geisbusch	06/22/07 2:21	Eric Geisbusch	Craig Ma	6/22/07 1421	C. Mas
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC
56 TOLEDO STREET
FARMINGDALE, NEW YORK 11735
TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is 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. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	Indicates an estimated value. The 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 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
B	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes 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 higher of the two values is reported on Form I 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.
H	Indicates sample was received and/or analyzed outside of The method allowable holding time

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-3
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 1:00:00 PM
Lab ID:	0706228-01A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY		**SW7470A**				Analyst: **JP**
Mercury	U	0.000200		mg/L	1	6/28/2007 2:14:56 PM
PCB'S AS AROCLORS SW-846 METHOD 8082		**SW8082A**		**SW3510B**		Analyst: **KF**
Aroclor 1016	U	1.2		µg/L	1	6/29/2007 1:38:00 PM
Aroclor 1221	U	1.2		µg/L	1	6/29/2007 1:38:00 PM
Aroclor 1232	U	1.2		µg/L	1	6/29/2007 1:38:00 PM
Aroclor 1242	U	1.2		µg/L	1	6/29/2007 1:38:00 PM
Aroclor 1248	U	1.2		µg/L	1	6/29/2007 1:38:00 PM
Aroclor 1254	U	1.2		µg/L	1	6/29/2007 1:38:00 PM
Aroclor 1260	U	1.2		µg/L	1	6/29/2007 1:38:00 PM
Surr: DCB	37.8	11-125		%REC	1	6/29/2007 1:38:00 PM
Surr: TCX	76.6	16-126		%REC	1	6/29/2007 1:38:00 PM
PESTICIDES SW-846 METHOD 8081		**SW8081B**		**SW3510B**		Analyst: **MMR**
4,4'-DDD	U	0.22		µg/L	1	6/29/2007 9:11:00 PM
4,4'-DDE	U	0.22		µg/L	1	6/29/2007 9:11:00 PM
4,4'-DDT	U	0.22		µg/L	1	6/29/2007 9:11:00 PM
Aldrin	U	0.22		µg/L	1	6/29/2007 9:11:00 PM
alpha-BHC	U	0.22		µg/L	1	6/29/2007 9:11:00 PM
beta-BHC	U	0.22		µg/L	1	6/29/2007 9:11:00 PM
Chlordane	U	1.1		µg/L	1	6/29/2007 9:11:00 PM
Chlorobenzilate	U	0.22		µg/L	1	6/29/2007 9:11:00 PM
DBCP	U	0.22		µg/L	1	6/29/2007 9:11:00 PM
delta-BHC	U	0.22		µg/L	1	6/29/2007 9:11:00 PM
Dieldrin	U	0.22		µg/L	1	6/29/2007 9:11:00 PM
Endosulfan I	U	0.22		µg/L	1	6/29/2007 9:11:00 PM
Endosulfan II	U	0.22		µg/L	1	6/29/2007 9:11:00 PM
Endosulfan sulfate	U	0.22		µg/L	1	6/29/2007 9:11:00 PM
Endrin	U	0.22		µg/L	1	6/29/2007 9:11:00 PM
Endrin aldehyde	U	0.22		µg/L	1	6/29/2007 9:11:00 PM
Endrin ketone	U	0.22		µg/L	1	6/29/2007 9:11:00 PM
gamma-BHC	U	0.22		µg/L	1	6/29/2007 9:11:00 PM
Heptachlor	U	0.22		µg/L	1	6/29/2007 9:11:00 PM
Heptachlor epoxide	U	0.22		µg/L	1	6/29/2007 9:11:00 PM
Hexachlorobenzene	U	0.22		µg/L	1	6/29/2007 9:11:00 PM
Hexachlorocyclopentadiene	U	0.22		µg/L	1	6/29/2007 9:11:00 PM
Methoxychlor	U	0.22		µg/L	1	6/29/2007 9:11:00 PM
Toxaphene	U	1.1		µg/L	1	6/29/2007 9:11:00 PM
Surr: DCB	21.6	26-130	S	%REC	1	6/29/2007 9:11:00 PM
Surr: TCX	76.1	29-127		%REC	1	6/29/2007 9:11:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-3
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 1:00:00 PM
Lab ID:	0706228-01A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TARGET ANALYTE LIST METALS		**SW6010B**		**SW3010A**		Analyst: **JP**
Aluminum	28.7	0.0200		mg/L	1	7/2/2007 1:46:30 PM
Antimony	U	0.0250		mg/L	1	7/2/2007 1:46:30 PM
Arsenic	U	0.0250		mg/L	1	7/2/2007 1:46:30 PM
Barium	0.621	0.0200		mg/L	1	7/2/2007 1:46:30 PM
Beryllium	U	0.0200		mg/L	1	7/2/2007 1:46:30 PM
Cadmium	U	0.0100		mg/L	1	7/2/2007 1:46:30 PM
Calcium	37.0	0.0250		mg/L	1	7/2/2007 1:46:30 PM
Chromium	0.227	0.0200		mg/L	1	7/2/2007 1:46:30 PM
Cobalt	U	0.0200		mg/L	1	7/2/2007 1:46:30 PM
Copper	0.0896	0.0200		mg/L	1	7/2/2007 1:46:30 PM
Iron	51.3	0.0200		mg/L	1	7/2/2007 1:46:30 PM
Lead	0.0277	0.0150		mg/L	1	7/2/2007 1:46:30 PM
Magnesium	18.3	0.0200		mg/L	1	7/2/2007 1:46:30 PM
Manganese	3.27	0.0200		mg/L	1	7/2/2007 1:46:30 PM
Nickel	0.105	0.0200		mg/L	1	7/2/2007 1:46:30 PM
Potassium	9.45	0.100		mg/L	1	7/2/2007 1:46:30 PM
Selenium	U	0.0250		mg/L	1	7/2/2007 1:46:30 PM
Silver	U	0.0200		mg/L	1	7/2/2007 1:46:30 PM
Sodium	92.4	0.0300		mg/L	1	7/2/2007 1:46:30 PM
Thallium	U	0.0150		mg/L	1	7/2/2007 1:46:30 PM
Vanadium	0.0645	0.0200		mg/L	1	7/2/2007 1:46:30 PM
Zinc	0.548	0.0200		mg/L	1	7/2/2007 1:46:30 PM
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3510**		Analyst: **RN**
1,2,4-Trichlorobenzene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
1,2-Dichlorobenzene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
1,3-Dichlorobenzene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
1,4-Dichlorobenzene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
2,4,5-Trichlorophenol	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
2,4,6-Trichlorophenol	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
2,4-Dichlorophenol	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
2,4-Dimethylphenol	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
2,4-Dinitrophenol	U	11		µg/L	1	6/28/2007 1:00:00 PM
2,4-Dinitrotoluene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
2,6-Dinitrotoluene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
2-Chloronaphthalene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
2-Chlorophenol	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
2-Methylnaphthalene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
2-Methylphenol	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
2-Nitroaniline	U	5.4		µg/L	1	6/28/2007 1:00:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-3
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 1:00:00 PM
Lab ID:	0706228-01A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3510**		Analyst: **RN**
2-Nitrophenol	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
3,3'-Dichlorobenzidine	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
3+4-Methylphenol	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
3-Nitroaniline	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
4,6-Dinitro-2-methylphenol	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
4-Bromophenyl phenyl ether	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
4-Chloro-3-methylphenol	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
4-Chloroaniline	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
4-Chlorophenyl phenyl ether	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
4-Nitroaniline	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
4-Nitrophenol	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Acenaphthene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Acenaphthylene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Aniline	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Anthracene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Azobenzene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Benzidine	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Benzo(a)anthracene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Benzo(a)pyrene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Benzo(b)fluoranthene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Benzo(g,h,i)perylene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Benzo(k)fluoranthene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Benzoic acid	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Benzyl alcohol	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Bis(2-chloroethoxy)methane	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Bis(2-chloroethyl)ether	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Bis(2-chloroisopropyl)ether	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Bis(2-ethylhexyl)phthalate	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Butyl benzyl phthalate	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Carbazole	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Chrysene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Dibenzo(a,h)anthracene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Dibenzofuran	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Diethyl phthalate	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Dimethyl phthalate	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Di-n-butyl phthalate	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Di-n-octyl phthalate	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Fluoranthene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Fluorene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-3
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 1:00:00 PM
Lab ID:	0706228-01A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3510**		Analyst: **RN**
Hexachlorobenzene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Hexachlorobutadiene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Hexachlorocyclopentadiene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Hexachloroethane	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Indeno(1,2,3-c,d)pyrene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Isophorone	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Naphthalene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Nitrobenzene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
N-Nitrosodimethylamine	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
N-Nitrosodi-n-propylamine	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
N-Nitrosodiphenylamine	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Pentachlorophenol	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Phenanthrene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Phenol	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Pyrene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Pyridine	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Surr: 2,4,6-Tribromophenol	86.9	22-124		%REC	1	6/28/2007 1:00:00 PM
Surr: 2-Fluorobiphenyl	76.8	18-124		%REC	1	6/28/2007 1:00:00 PM
Surr: 2-Fluorophenol	68.9	16-112		%REC	1	6/28/2007 1:00:00 PM
Surr: 4-Terphenyl-d14	95.1	17-121		%REC	1	6/28/2007 1:00:00 PM
Surr: Nitrobenzene-d5	81.5	19-115		%REC	1	6/28/2007 1:00:00 PM
Surr: Phenol-d6	53.1	12-102		%REC	1	6/28/2007 1:00:00 PM
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
1,1,1-Trichloroethane	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
1,1,2-Trichloroethane	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
1,1-Dichloroethane	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
1,1-Dichloroethene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
1,1-Dichloropropene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
1,2,3-Trichloropropane	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
1,2,4,5-Tetramethylbenzene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
1,2-Dibromoethane	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
1,2-Dichlorobenzene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-3
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 1:00:00 PM
Lab ID:	0706228-01A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,2-Dichloroethane	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
1,2-Dichloropropane	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
1,3-Dichlorobenzene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
1,3-dichloropropane	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
1,4-Dichlorobenzene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
2,2-Dichloropropane	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
2-Butanone	U	3.0		µg/L	1	6/26/2007 12:21:00 PM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
2-Chlorotoluene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
2-Hexanone	U	2.0		µg/L	1	6/26/2007 12:21:00 PM
2-Propanol	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
4-Chlorotoluene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
4-Isopropyltoluene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
4-Methyl-2-pentanone	U	2.0		µg/L	1	6/26/2007 12:21:00 PM
Acetone	U	2.0		µg/L	1	6/26/2007 12:21:00 PM
Acrolein	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Acrylonitrile	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Benzene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Bromobenzene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Bromochloromethane	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Bromodichloromethane	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Bromoform	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Bromomethane	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Carbon disulfide	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Carbon tetrachloride	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Chlorobenzene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Chlorodifluoromethane	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Chloroethane	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Chloroform	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Chloromethane	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
cis-1,2-Dichloroethene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Dibromochloromethane	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Dibromomethane	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Dichlorodifluoromethane	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Diisopropyl ether	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Ethanol	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Ethyl acetate	U	1.0		µg/L	1	6/26/2007 12:21:00 PM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-3
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 1:00:00 PM
Lab ID:	0706228-01A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
Ethylbenzene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Freon-114	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Hexachlorobutadiene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Isopropyl acetate	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Isopropylbenzene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
m,p-Xylene	U	2.0		µg/L	1	6/26/2007 12:21:00 PM
Methyl tert-butyl ether	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Methylene chloride	22	1.0	B	µg/L	1	6/26/2007 12:21:00 PM
n-Amyl acetate	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Naphthalene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
n-Butyl acetate	U	2.0		µg/L	1	6/26/2007 12:21:00 PM
n-Butylbenzene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
n-Propyl acetate	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
n-Propylbenzene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
o-Xylene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
p-Diethylbenzene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
p-Ethyltoluene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
sec-Butylbenzene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Styrene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
t-Butyl alcohol	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
tert-Butylbenzene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Tetrachloroethene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Toluene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
trans-1,2-Dichloroethene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Trichloroethene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Trichlorofluoromethane	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Vinyl acetate	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Vinyl chloride	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Surr: 4-Bromofluorobenzene	88.4	54-134		%REC	1	6/26/2007 12:21:00 PM
Surr: Dibromofluoromethane	103	52-132		%REC	1	6/26/2007 12:21:00 PM
Surr: Toluene-d8	91.6	51-127		%REC	1	6/26/2007 12:21:00 PM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-3
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 1:00:00 PM
Lab ID:	0706228-01B	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY-DISSOLVED		**SW7470A**		**SW3005A**		Analyst: **JP**
Mercury	U	0.000200		mg/L	1	6/28/2007 2:08:30 PM
TARGET ANALYTE LIST METALS-DISSOLVED		**SW6010B**		**SW3005A**		Analyst: **JP**
Aluminum	0.0132	0.0200	J	mg/L	1	7/2/2007 1:40:10 PM
Antimony	U	0.0250		mg/L	1	7/2/2007 1:40:10 PM
Arsenic	U	0.0250		mg/L	1	7/2/2007 1:40:10 PM
Barium	0.254	0.0200		mg/L	1	7/2/2007 1:40:10 PM
Beryllium	U	0.0200		mg/L	1	7/2/2007 1:40:10 PM
Cadmium	U	0.0100		mg/L	1	7/2/2007 1:40:10 PM
Calcium	39.1	0.0250		mg/L	1	7/2/2007 1:40:10 PM
Chromium	U	0.0200		mg/L	1	7/2/2007 1:40:10 PM
Cobalt	U	0.0200		mg/L	1	7/2/2007 1:40:10 PM
Copper	U	0.0200		mg/L	1	7/2/2007 1:40:10 PM
Iron	0.0463	0.0200		mg/L	1	7/2/2007 1:40:10 PM
Lead	0.00860	0.0150	J	mg/L	1	7/2/2007 1:40:10 PM
Magnesium	16.3	0.0200		mg/L	1	7/2/2007 1:40:10 PM
Manganese	2.27	0.0200		mg/L	1	7/2/2007 1:40:10 PM
Nickel	0.0199	0.0200	J	mg/L	1	7/2/2007 1:40:10 PM
Potassium	4.42	0.100		mg/L	1	7/2/2007 1:40:10 PM
Selenium	U	0.0250		mg/L	1	7/2/2007 1:40:10 PM
Silver	U	0.0200		mg/L	1	7/2/2007 1:40:10 PM
Sodium	100	0.0300		mg/L	1	7/2/2007 1:40:10 PM
Thallium	U	0.0150		mg/L	1	7/2/2007 1:40:10 PM
Vanadium	U	0.0200		mg/L	1	7/2/2007 1:40:10 PM
Zinc	0.0795	0.0200		mg/L	1	7/2/2007 1:40:10 PM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-1 {0-2'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 10:00:00 AM
Lab ID:	0706228-02A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY		**SW7471B**		**SW7471B**		Analyst: **JP**
Mercury	0.0174	0.00992		mg/Kg-dry	1	7/3/2007 11:36:19 AM
PCB'S AS AROCLORS SW-846 METHOD 8082		**SW8082A**		**SW3550**		Analyst: **AR**
Aroclor 1016	U	86		µg/Kg-dry	1	6/29/2007 3:51:00 PM
Aroclor 1221	U	86		µg/Kg-dry	1	6/29/2007 3:51:00 PM
Aroclor 1232	U	86		µg/Kg-dry	1	6/29/2007 3:51:00 PM
Aroclor 1242	U	86		µg/Kg-dry	1	6/29/2007 3:51:00 PM
Aroclor 1248	U	86		µg/Kg-dry	1	6/29/2007 3:51:00 PM
Aroclor 1254	U	86		µg/Kg-dry	1	6/29/2007 3:51:00 PM
Aroclor 1260	U	86		µg/Kg-dry	1	6/29/2007 3:51:00 PM
Surr: TCX	63.1	26-136		%REC	1	6/29/2007 3:51:00 PM
Surr: DCB	64.5	20-133		%REC	1	6/29/2007 3:51:00 PM
PESTICIDES SW-846 METHOD 8081		**SW8081B**		**SW3550**		Analyst: **MMR**
4,4'-DDD	U	5.3		µg/Kg-dry	1	7/5/2007 1:01:00 PM
4,4'-DDE	0.62	5.3	J	µg/Kg-dry	1	7/5/2007 1:01:00 PM
4,4'-DDT	0.33	5.3	J	µg/Kg-dry	1	7/5/2007 1:01:00 PM
Aldrin	0.96	5.3	J	µg/Kg-dry	1	7/5/2007 1:01:00 PM
alpha-BHC	U	5.3		µg/Kg-dry	1	7/5/2007 1:01:00 PM
beta-BHC	U	5.3		µg/Kg-dry	1	7/5/2007 1:01:00 PM
Chlordane	45	16		µg/Kg-dry	1	7/5/2007 1:01:00 PM
Chlorobenzilate	U	5.3		µg/Kg-dry	1	7/5/2007 1:01:00 PM
DBCP	U	5.3		µg/Kg-dry	1	7/5/2007 1:01:00 PM
delta-BHC	U	5.3		µg/Kg-dry	1	7/5/2007 1:01:00 PM
Dieldrin	3.4	5.3	J	µg/Kg-dry	1	7/5/2007 1:01:00 PM
Endosulfan I	U	5.3		µg/Kg-dry	1	7/5/2007 1:01:00 PM
Endosulfan II	U	5.3		µg/Kg-dry	1	7/5/2007 1:01:00 PM
Endosulfan sulfate	U	5.3		µg/Kg-dry	1	7/5/2007 1:01:00 PM
Endrin	U	5.3		µg/Kg-dry	1	7/5/2007 1:01:00 PM
Endrin aldehyde	U	5.3		µg/Kg-dry	1	7/5/2007 1:01:00 PM
Endrin ketone	U	5.3		µg/Kg-dry	1	7/5/2007 1:01:00 PM
gamma-BHC	U	5.3		µg/Kg-dry	1	7/5/2007 1:01:00 PM
Heptachlor	1.1	5.3	J	µg/Kg-dry	1	7/5/2007 1:01:00 PM
Heptachlor epoxide	U	5.3		µg/Kg-dry	1	7/5/2007 1:01:00 PM
Hexachlorobenzene	U	5.3		µg/Kg-dry	1	7/5/2007 1:01:00 PM
Hexachlorocyclopentadiene	U	5.3		µg/Kg-dry	1	7/5/2007 1:01:00 PM
Methoxychlor	U	5.3		µg/Kg-dry	1	7/5/2007 1:01:00 PM
Toxaphene	U	52		µg/Kg-dry	1	7/5/2007 1:01:00 PM
Surr: DCB	17.7	31-133	S	%REC	1	7/5/2007 1:01:00 PM
Surr: TCX	69.6	32-132		%REC	1	7/5/2007 1:01:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-1 {0-2'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 10:00:00 AM
Lab ID:	0706228-02A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE		**D2216**				Analyst: **CM**
Percent Moisture	6.62	0		wt%	1	6/25/2007
TARGET ANALYTE LIST METALS		**SW6010B**		**SW3050A**		Analyst: **JP**
Aluminum	7350	3.68		mg/Kg-dry	10	7/3/2007 1:33:46 PM
Antimony	U	0.460		mg/Kg-dry	1	7/3/2007 11:15:35 AM
Arsenic	2.42	0.460		mg/Kg-dry	1	7/3/2007 11:15:35 AM
Barium	32.3	0.368		mg/Kg-dry	1	7/3/2007 11:15:35 AM
Beryllium	U	0.368		mg/Kg-dry	1	7/3/2007 11:15:35 AM
Cadmium	U	0.184		mg/Kg-dry	1	7/3/2007 11:15:35 AM
Calcium	5290	0.460		mg/Kg-dry	1	7/3/2007 11:15:35 AM
Chromium	13.3	0.368		mg/Kg-dry	1	7/3/2007 11:15:35 AM
Cobalt	U	0.368		mg/Kg-dry	1	7/3/2007 11:15:35 AM
Copper	13.5	0.368		mg/Kg-dry	1	7/3/2007 11:15:35 AM
Iron	10600	3.68		mg/Kg-dry	10	7/3/2007 1:33:46 PM
Lead	13.4	0.276		mg/Kg-dry	1	7/3/2007 11:15:35 AM
Magnesium	2340	0.368		mg/Kg-dry	1	7/3/2007 11:15:35 AM
Manganese	185	0.368		mg/Kg-dry	1	7/3/2007 11:15:35 AM
Nickel	11.8	0.368		mg/Kg-dry	1	7/3/2007 11:15:35 AM
Potassium	1270	1.84		mg/Kg-dry	1	7/3/2007 11:15:35 AM
Selenium	U	0.460		mg/Kg-dry	1	7/3/2007 11:15:35 AM
Silver	U	0.368		mg/Kg-dry	1	7/3/2007 11:15:35 AM
Sodium	231	1.10		mg/Kg-dry	1	7/3/2007 11:15:35 AM
Thallium	U	0.368		mg/Kg-dry	1	7/3/2007 11:15:35 AM
Vanadium	19.8	0.368		mg/Kg-dry	1	7/3/2007 11:15:35 AM
Zinc	25.8	0.368		mg/Kg-dry	1	7/3/2007 11:15:35 AM
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
1,2,4-Trichlorobenzene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
1,2-Dichlorobenzene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
1,3-Dichlorobenzene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
1,4-Dichlorobenzene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
2,4,5-Trichlorophenol	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
2,4,6-Trichlorophenol	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
2,4-Dichlorophenol	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
2,4-Dimethylphenol	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
2,4-Dinitrophenol	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
2,4-Dinitrotoluene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
2,6-Dinitrotoluene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
2-Chloronaphthalene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
2-Chlorophenol	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-1 {0-2'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 10:00:00 AM
Lab ID:	0706228-02A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
2-Methylnaphthalene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
2-Methylphenol	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
2-Nitroaniline	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
2-Nitrophenol	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
3,3'-Dichlorobenzidine	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
3+4-Methylphenol	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
3-Nitroaniline	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
4,6-Dinitro-2-methylphenol	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
4-Bromophenyl phenyl ether	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
4-Chloro-3-methylphenol	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
4-Chloroaniline	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
4-Chlorophenyl phenyl ether	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
4-Nitroaniline	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
4-Nitrophenol	U	320		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Acenaphthene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Acenaphthylene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Aniline	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Anthracene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Azobenzene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Benzidine	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Benzo(a)anthracene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Benzo(a)pyrene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Benzo(b)fluoranthene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Benzo(g,h,i)perylene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Benzo(k)fluoranthene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Benzoic acid	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Benzyl alcohol	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Bis(2-chloroethoxy)methane	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Bis(2-chloroethyl)ether	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Bis(2-chloroisopropyl)ether	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Bis(2-ethylhexyl)phthalate	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Butyl benzyl phthalate	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Carbazole	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Chrysene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Dibenzo(a,h)anthracene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Dibenzofuran	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Diethyl phthalate	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Dimethyl phthalate	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Di-n-butyl phthalate	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-1 {0-2'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 10:00:00 AM
Lab ID:	0706228-02A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
Di-n-octyl phthalate	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Fluoranthene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Fluorene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Hexachlorobenzene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Hexachlorobutadiene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Hexachlorocyclopentadiene	U	320		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Hexachloroethane	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Indeno(1,2,3-c,d)pyrene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Isophorone	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Naphthalene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Nitrobenzene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
N-Nitrosodimethylamine	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
N-Nitrosodi-n-propylamine	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
N-Nitrosodiphenylamine	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Pentachlorophenol	U	320		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Phenanthrene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Phenol	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Pyrene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Pyridine	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Surr: 2,4,6-Tribromophenol	61.5	22-124		%REC	2	7/2/2007 3:14:00 PM
Surr: 2-Fluorobiphenyl	71.6	27-119		%REC	2	7/2/2007 3:14:00 PM
Surr: 2-Fluorophenol	80.4	21-123		%REC	2	7/2/2007 3:14:00 PM
Surr: 4-Terphenyl-d14	76.1	28-126		%REC	2	7/2/2007 3:14:00 PM
Surr: Nitrobenzene-d5	68.7	21-118		%REC	2	7/2/2007 3:14:00 PM
Surr: Phenol-d6	82.7	18-129		%REC	2	7/2/2007 3:14:00 PM
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,1,1,2-Tetrachloroethane	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
1,1,1-Trichloroethane	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
1,1,2,2-Tetrachloroethane	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
1,1,2-Trichloroethane	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
1,1-Dichloroethane	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
1,1-Dichloroethene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
1,1-Dichloropropene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
1,2,3-Trichlorobenzene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
1,2,3-Trichloropropane	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
1,2,4,5-Tetramethylbenzene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
1,2,4-Trichlorobenzene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
1,2,4-Trimethylbenzene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-1 {0-2'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 10:00:00 AM
Lab ID:	0706228-02A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,2-Dibromo-3-chloropropane	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
1,2-Dibromoethane	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
1,2-Dichlorobenzene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
1,2-Dichloroethane	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
1,2-Dichloropropane	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
1,3,5-Trimethylbenzene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
1,3-Dichlorobenzene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
1,3-dichloropropane	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
1,4-Dichlorobenzene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
2,2-Dichloropropane	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
2-Butanone	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
2-Chloroethyl vinyl ether	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
2-Chlorotoluene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
2-Hexanone	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
2-Propanol	U	62		µg/Kg-dry	1	6/26/2007 12:45:00 PM
4-Chlorotoluene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
4-Isopropyltoluene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
4-Methyl-2-pentanone	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Acetone	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Acrolein	U	31		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Acrylonitrile	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Benzene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Bromobenzene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Bromochloromethane	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Bromodichloromethane	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Bromoform	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Bromomethane	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Carbon disulfide	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Carbon tetrachloride	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Chlorobenzene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Chlorodifluoromethane	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Chloroethane	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Chloroform	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Chloromethane	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
cis-1,2-Dichloroethene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
cis-1,3-Dichloropropene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Dibromochloromethane	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Dibromomethane	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Dichlorodifluoromethane	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-1 {0-2'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 10:00:00 AM
Lab ID:	0706228-02A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
Diisopropyl ether	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Ethanol	U	31		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Ethyl acetate	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Ethylbenzene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Freon-114	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Hexachlorobutadiene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Isopropyl acetate	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Isopropylbenzene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
m,p-Xylene	U	12		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Methyl tert-butyl ether	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Methylene chloride	34	6.2	B	µg/Kg-dry	1	6/26/2007 12:45:00 PM
n-Amyl acetate	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Naphthalene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
n-Butyl acetate	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
n-Butylbenzene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
n-Propyl acetate	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
n-Propylbenzene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
o-Xylene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
p-Diethylbenzene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
p-Ethyltoluene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
sec-Butylbenzene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Styrene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
t-Butyl alcohol	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
tert-Butylbenzene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Tetrachloroethene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Toluene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
trans-1,2-Dichloroethene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
trans-1,3-Dichloropropene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Trichloroethene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Trichlorofluoromethane	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Vinyl acetate	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Vinyl chloride	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Surr: 4-Bromofluorobenzene	89.9	61-133		%REC	1	6/26/2007 12:45:00 PM
Surr: Dibromofluoromethane	104	61-139		%REC	1	6/26/2007 12:45:00 PM
Surr: Toluene-d8	90.7	57-131		%REC	1	6/26/2007 12:45:00 PM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-1 {20-25'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 10:55:00 AM
Lab ID:	0706228-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY		**SW7471B**		**SW7471B**		Analyst: **JP**
Mercury	0.212	0.0102		mg/Kg-dry	1	7/3/2007 11:38:32 AM
PCB'S AS AROCLORS SW-846 METHOD 8082		**SW8082A**		**SW3550**		Analyst: **AR**
Aroclor 1016	U	86		µg/Kg-dry	1	6/29/2007 4:46:00 PM
Aroclor 1221	U	86		µg/Kg-dry	1	6/29/2007 4:46:00 PM
Aroclor 1232	U	86		µg/Kg-dry	1	6/29/2007 4:46:00 PM
Aroclor 1242	U	86		µg/Kg-dry	1	6/29/2007 4:46:00 PM
Aroclor 1248	U	86		µg/Kg-dry	1	6/29/2007 4:46:00 PM
Aroclor 1254	U	86		µg/Kg-dry	1	6/29/2007 4:46:00 PM
Aroclor 1260	U	86		µg/Kg-dry	1	6/29/2007 4:46:00 PM
Surr: TCX	84.7	26-136		%REC	1	6/29/2007 4:46:00 PM
Surr: DCB	81.0	20-133		%REC	1	6/29/2007 4:46:00 PM
PESTICIDES SW-846 METHOD 8081		**SW8081B**		**SW3550**		Analyst: **MMR**
4,4'-DDD	U	5.4		µg/Kg-dry	1	7/5/2007 1:18:00 PM
4,4'-DDE	2.8	5.4	J	µg/Kg-dry	1	7/5/2007 1:18:00 PM
4,4'-DDT	U	5.4		µg/Kg-dry	1	7/5/2007 1:18:00 PM
Aldrin	U	5.4		µg/Kg-dry	1	7/5/2007 1:18:00 PM
alpha-BHC	U	5.4		µg/Kg-dry	1	7/5/2007 1:18:00 PM
beta-BHC	U	5.4		µg/Kg-dry	1	7/5/2007 1:18:00 PM
Chlordane	520	16		µg/Kg-dry	1	7/5/2007 1:18:00 PM
Chlorobenzilate	U	5.4		µg/Kg-dry	1	7/5/2007 1:18:00 PM
DBCP	U	5.4		µg/Kg-dry	1	7/5/2007 1:18:00 PM
delta-BHC	U	5.4		µg/Kg-dry	1	7/5/2007 1:18:00 PM
Dieldrin	U	5.4		µg/Kg-dry	1	7/5/2007 1:18:00 PM
Endosulfan I	U	5.4		µg/Kg-dry	1	7/5/2007 1:18:00 PM
Endosulfan II	U	5.4		µg/Kg-dry	1	7/5/2007 1:18:00 PM
Endosulfan sulfate	U	5.4		µg/Kg-dry	1	7/5/2007 1:18:00 PM
Endrin	15	5.4		µg/Kg-dry	1	7/5/2007 1:18:00 PM
Endrin aldehyde	U	5.4		µg/Kg-dry	1	7/5/2007 1:18:00 PM
Endrin ketone	U	5.4		µg/Kg-dry	1	7/5/2007 1:18:00 PM
gamma-BHC	U	5.4		µg/Kg-dry	1	7/5/2007 1:18:00 PM
Heptachlor	U	5.4		µg/Kg-dry	1	7/5/2007 1:18:00 PM
Heptachlor epoxide	U	5.4		µg/Kg-dry	1	7/5/2007 1:18:00 PM
Hexachlorobenzene	U	5.4		µg/Kg-dry	1	7/5/2007 1:18:00 PM
Hexachlorocyclopentadiene	U	5.4		µg/Kg-dry	1	7/5/2007 1:18:00 PM
Methoxychlor	U	5.4		µg/Kg-dry	1	7/5/2007 1:18:00 PM
Toxaphene	U	52		µg/Kg-dry	1	7/5/2007 1:18:00 PM
Surr: DCB	30.8	31-133	S	%REC	1	7/5/2007 1:18:00 PM
Surr: TCX	73.5	32-132		%REC	1	7/5/2007 1:18:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-1 {20-25'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 10:55:00 AM
Lab ID:	0706228-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE		**D2216**				Analyst: **CM**
Percent Moisture	6.83	0		wt%	1	6/25/2007
TARGET ANALYTE LIST METALS		**SW6010B**		**SW3050A**		Analyst: **JP**
Aluminum	4410	0.389		mg/Kg-dry	1	7/3/2007 11:25:23 AM
Antimony	U	0.486		mg/Kg-dry	1	7/3/2007 11:25:23 AM
Arsenic	1.62	0.486		mg/Kg-dry	1	7/3/2007 11:25:23 AM
Barium	56.7	0.389		mg/Kg-dry	1	7/3/2007 11:25:23 AM
Beryllium	U	0.389		mg/Kg-dry	1	7/3/2007 11:25:23 AM
Cadmium	1.21	0.194		mg/Kg-dry	1	7/3/2007 11:25:23 AM
Calcium	747	0.486		mg/Kg-dry	1	7/3/2007 11:25:23 AM
Chromium	11.9	0.389		mg/Kg-dry	1	7/3/2007 11:25:23 AM
Cobalt	U	0.389		mg/Kg-dry	1	7/3/2007 11:25:23 AM
Copper	24.7	0.389		mg/Kg-dry	1	7/3/2007 11:25:23 AM
Iron	3380	0.389		mg/Kg-dry	1	7/3/2007 11:25:23 AM
Lead	152	0.292		mg/Kg-dry	1	7/3/2007 11:25:23 AM
Magnesium	1270	0.389		mg/Kg-dry	1	7/3/2007 11:25:23 AM
Manganese	48.3	0.389		mg/Kg-dry	1	7/3/2007 11:25:23 AM
Nickel	10.5	0.389		mg/Kg-dry	1	7/3/2007 11:25:23 AM
Potassium	1150	1.94		mg/Kg-dry	1	7/3/2007 11:25:23 AM
Selenium	U	0.486		mg/Kg-dry	1	7/3/2007 11:25:23 AM
Silver	0.119	0.389	J	mg/Kg-dry	1	7/3/2007 11:25:23 AM
Sodium	224	1.17		mg/Kg-dry	1	7/3/2007 11:25:23 AM
Thallium	U	0.389		mg/Kg-dry	1	7/3/2007 11:25:23 AM
Vanadium	14.8	0.389		mg/Kg-dry	1	7/3/2007 11:25:23 AM
Zinc	145	0.389		mg/Kg-dry	1	7/3/2007 11:25:23 AM
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
1,2,4-Trichlorobenzene	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
1,2-Dichlorobenzene	390	510	J	µg/Kg-dry	4	7/2/2007 3:39:00 PM
1,3-Dichlorobenzene	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
1,4-Dichlorobenzene	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
2,4,5-Trichlorophenol	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
2,4,6-Trichlorophenol	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
2,4-Dichlorophenol	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
2,4-Dimethylphenol	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
2,4-Dinitrophenol	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
2,4-Dinitrotoluene	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
2,6-Dinitrotoluene	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
2-Chloronaphthalene	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
2-Chlorophenol	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-1 {20-25'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 10:55:00 AM
Lab ID:	0706228-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
2-Methylnaphthalene	30000	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
2-Methylphenol	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
2-Nitroaniline	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
2-Nitrophenol	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
3,3'-Dichlorobenzidine	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
3+4-Methylphenol	2300	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
3-Nitroaniline	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
4,6-Dinitro-2-methylphenol	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
4-Bromophenyl phenyl ether	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
4-Chloro-3-methylphenol	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
4-Chloroaniline	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
4-Chlorophenyl phenyl ether	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
4-Nitroaniline	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
4-Nitrophenol	U	630		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Acenaphthene	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Acenaphthylene	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Aniline	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Anthracene	560	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Azobenzene	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Benzidine	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Benzo(a)anthracene	990	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Benzo(a)pyrene	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Benzo(b)fluoranthene	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Benzo(g,h,i)perylene	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Benzo(k)fluoranthene	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Benzoic acid	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Benzyl alcohol	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Bis(2-chloroethoxy)methane	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Bis(2-chloroethyl)ether	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Bis(2-chloroisopropyl)ether	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Bis(2-ethylhexyl)phthalate	9200	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Butyl benzyl phthalate	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Carbazole	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Chrysene	920	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Dibenzo(a,h)anthracene	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Dibenzofuran	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Diethyl phthalate	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Dimethyl phthalate	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Di-n-butyl phthalate	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-1 {20-25'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 10:55:00 AM
Lab ID:	0706228-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
Di-n-octyl phthalate	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Fluoranthene	1300	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Fluorene	1200	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Hexachlorobenzene	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Hexachlorobutadiene	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Hexachlorocyclopentadiene	U	630		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Hexachloroethane	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Indeno(1,2,3-c,d)pyrene	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Isophorone	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Naphthalene	18000	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Nitrobenzene	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
N-Nitrosodimethylamine	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
N-Nitrosodi-n-propylamine	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
N-Nitrosodiphenylamine	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Pentachlorophenol	U	630		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Phenanthrene	2700	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Phenol	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Pyrene	2800	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Pyridine	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Surr: 2,4,6-Tribromophenol	73.1	22-124		%REC	4	7/2/2007 3:39:00 PM
Surr: 2-Fluorobiphenyl	54.6	27-119		%REC	4	7/2/2007 3:39:00 PM
Surr: 2-Fluorophenol	43.5	21-123		%REC	4	7/2/2007 3:39:00 PM
Surr: 4-Terphenyl-d14	69.0	28-126		%REC	4	7/2/2007 3:39:00 PM
Surr: Nitrobenzene-d5	133	21-118	S	%REC	4	7/2/2007 3:39:00 PM
Surr: Phenol-d6	53.9	18-129		%REC	4	7/2/2007 3:39:00 PM
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,1,1,2-Tetrachloroethane	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
1,1,1-Trichloroethane	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
1,1,2,2-Tetrachloroethane	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
1,1,2-Trichloroethane	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
1,1-Dichloroethane	18	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
1,1-Dichloroethene	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
1,1-Dichloropropene	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
1,2,3-Trichlorobenzene	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
1,2,3-Trichloropropane	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
1,2,4,5-Tetramethylbenzene	68000	790		µg/Kg-dry	125	6/30/2007 1:00:00 AM
1,2,4-Trichlorobenzene	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
1,2,4-Trimethylbenzene	110000	790		µg/Kg-dry	125	6/30/2007 1:00:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-1 {20-25'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 10:55:00 AM
Lab ID:	0706228-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,2-Dibromo-3-chloropropane	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
1,2-Dibromoethane	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
1,2-Dichlorobenzene	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
1,2-Dichloroethane	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
1,2-Dichloropropane	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
1,3,5-Trimethylbenzene	47000	790		µg/Kg-dry	125	6/30/2007 1:00:00 AM
1,3-Dichlorobenzene	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
1,3-dichloropropane	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
1,4-Dichlorobenzene	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
2,2-Dichloropropane	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
2-Butanone	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
2-Chloroethyl vinyl ether	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
2-Chlorotoluene	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
2-Hexanone	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
2-Propanol	U	64		µg/Kg-dry	1	6/26/2007 1:10:00 PM
4-Chlorotoluene	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
4-Isopropyltoluene	430	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
4-Methyl-2-pentanone	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Acetone	8900	790		µg/Kg-dry	125	6/30/2007 1:00:00 AM
Acrolein	U	32		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Acrylonitrile	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Benzene	170	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Bromobenzene	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Bromochloromethane	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Bromodichloromethane	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Bromoform	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Bromomethane	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Carbon disulfide	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Carbon tetrachloride	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Chlorobenzene	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Chlorodifluoromethane	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Chloroethane	28	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Chloroform	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Chloromethane	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
cis-1,2-Dichloroethene	380	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
cis-1,3-Dichloropropene	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Dibromochloromethane	4.2	6.4	J	µg/Kg-dry	1	6/26/2007 1:10:00 PM
Dibromomethane	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Dichlorodifluoromethane	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-1 {20-25'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 10:55:00 AM
Lab ID:	0706228-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
Diisopropyl ether	1.2	6.4	J	µg/Kg-dry	1	6/26/2007 1:10:00 PM
Ethanol	44	32		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Ethyl acetate	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Ethylbenzene	32000	790		µg/Kg-dry	125	6/30/2007 1:00:00 AM
Freon-114	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Hexachlorobutadiene	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Isopropyl acetate	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Isopropylbenzene	300	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
m,p-Xylene	100000	1600		µg/Kg-dry	125	6/30/2007 1:00:00 AM
Methyl tert-butyl ether	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Methylene chloride	95	6.4	B	µg/Kg-dry	1	6/26/2007 1:10:00 PM
n-Amyl acetate	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Naphthalene	25000	790		µg/Kg-dry	125	6/30/2007 1:00:00 AM
n-Butyl acetate	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
n-Butylbenzene	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
n-Propyl acetate	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
n-Propylbenzene	840	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
o-Xylene	48000	790		µg/Kg-dry	125	6/30/2007 1:00:00 AM
p-Diethylbenzene	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
p-Ethyltoluene	300	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
sec-Butylbenzene	210	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Styrene	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
t-Butyl alcohol	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
tert-Butylbenzene	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Tetrachloroethene	32	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Toluene	58000	790		µg/Kg-dry	125	6/30/2007 1:00:00 AM
trans-1,2-Dichloroethene	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
trans-1,3-Dichloropropene	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Trichloroethene	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Trichlorofluoromethane	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Vinyl acetate	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Vinyl chloride	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Surr: 4-Bromofluorobenzene	181	61-133	S	%REC	125	6/30/2007 1:00:00 AM
Surr: 4-Bromofluorobenzene	453	61-133	S	%REC	1	6/26/2007 1:10:00 PM
Surr: Dibromofluoromethane	107	61-139		%REC	1	6/26/2007 1:10:00 PM
Surr: Dibromofluoromethane	86.5	61-139		%REC	125	6/30/2007 1:00:00 AM
Surr: Toluene-d8	98.3	57-131		%REC	1	6/26/2007 1:10:00 PM
Surr: Toluene-d8	100	57-131		%REC	125	6/30/2007 1:00:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-4 {0-2'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 11:15:00 AM
Lab ID:	0706228-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY		**SW7471B**		**SW7471B**		Analyst: **JP**
Mercury	0.0375	0.0100		mg/Kg-dry	1	7/3/2007 11:40:39 AM
PCB'S AS AROCLORS SW-846 METHOD 8082		**SW8082A**		**SW3550**		Analyst: **AR**
Aroclor 1016	U	88		µg/Kg-dry	1	6/29/2007 5:03:00 PM
Aroclor 1221	U	88		µg/Kg-dry	1	6/29/2007 5:03:00 PM
Aroclor 1232	U	88		µg/Kg-dry	1	6/29/2007 5:03:00 PM
Aroclor 1242	U	88		µg/Kg-dry	1	6/29/2007 5:03:00 PM
Aroclor 1248	U	88		µg/Kg-dry	1	6/29/2007 5:03:00 PM
Aroclor 1254	U	88		µg/Kg-dry	1	6/29/2007 5:03:00 PM
Aroclor 1260	U	88		µg/Kg-dry	1	6/29/2007 5:03:00 PM
Surr: TCX	70.0	26-136		%REC	1	6/29/2007 5:03:00 PM
Surr: DCB	74.8	20-133		%REC	1	6/29/2007 5:03:00 PM
PESTICIDES SW-846 METHOD 8081		**SW8081B**		**SW3550**		Analyst: **MMR**
4,4'-DDD	U	5.5		µg/Kg-dry	1	7/5/2007 1:35:00 PM
4,4'-DDE	0.57	5.5	J	µg/Kg-dry	1	7/5/2007 1:35:00 PM
4,4'-DDT	0.72	5.5	J	µg/Kg-dry	1	7/5/2007 1:35:00 PM
Aldrin	4.4	5.5	J	µg/Kg-dry	1	7/5/2007 1:35:00 PM
alpha-BHC	U	5.5		µg/Kg-dry	1	7/5/2007 1:35:00 PM
beta-BHC	U	5.5		µg/Kg-dry	1	7/5/2007 1:35:00 PM
Chlordane	100	17		µg/Kg-dry	1	7/5/2007 1:35:00 PM
Chlorobenzilate	U	5.5		µg/Kg-dry	1	7/5/2007 1:35:00 PM
DBCP	U	5.5		µg/Kg-dry	1	7/5/2007 1:35:00 PM
delta-BHC	U	5.5		µg/Kg-dry	1	7/5/2007 1:35:00 PM
Dieldrin	19	5.5		µg/Kg-dry	1	7/5/2007 1:35:00 PM
Endosulfan I	U	5.5		µg/Kg-dry	1	7/5/2007 1:35:00 PM
Endosulfan II	U	5.5		µg/Kg-dry	1	7/5/2007 1:35:00 PM
Endosulfan sulfate	U	5.5		µg/Kg-dry	1	7/5/2007 1:35:00 PM
Endrin	U	5.5		µg/Kg-dry	1	7/5/2007 1:35:00 PM
Endrin aldehyde	U	5.5		µg/Kg-dry	1	7/5/2007 1:35:00 PM
Endrin ketone	U	5.5		µg/Kg-dry	1	7/5/2007 1:35:00 PM
gamma-BHC	U	5.5		µg/Kg-dry	1	7/5/2007 1:35:00 PM
Heptachlor	2.5	5.5	J	µg/Kg-dry	1	7/5/2007 1:35:00 PM
Heptachlor epoxide	U	5.5		µg/Kg-dry	1	7/5/2007 1:35:00 PM
Hexachlorobenzene	U	5.5		µg/Kg-dry	1	7/5/2007 1:35:00 PM
Hexachlorocyclopentadiene	U	5.5		µg/Kg-dry	1	7/5/2007 1:35:00 PM
Methoxychlor	U	5.5		µg/Kg-dry	1	7/5/2007 1:35:00 PM
Toxaphene	U	53		µg/Kg-dry	1	7/5/2007 1:35:00 PM
Surr: DCB	13.2	31-133	S	%REC	1	7/5/2007 1:35:00 PM
Surr: TCX	60.7	32-132		%REC	1	7/5/2007 1:35:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-4 {0-2'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 11:15:00 AM
Lab ID:	0706228-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE		**D2216**				Analyst: **CM**
Percent Moisture	9.08	0		wt%	1	6/25/2007
TARGET ANALYTE LIST METALS		**SW6010B**		**SW3050A**		Analyst: **JP**
Aluminum	6020	0.426		mg/Kg-dry	1	7/3/2007 11:27:19 AM
Antimony	U	0.533		mg/Kg-dry	1	7/3/2007 11:27:19 AM
Arsenic	2.79	0.533		mg/Kg-dry	1	7/3/2007 11:27:19 AM
Barium	37.4	0.426		mg/Kg-dry	1	7/3/2007 11:27:19 AM
Beryllium	U	0.426		mg/Kg-dry	1	7/3/2007 11:27:19 AM
Cadmium	U	0.213		mg/Kg-dry	1	7/3/2007 11:27:19 AM
Calcium	8040	0.533		mg/Kg-dry	1	7/3/2007 11:27:19 AM
Chromium	12.6	0.426		mg/Kg-dry	1	7/3/2007 11:27:19 AM
Cobalt	U	0.426		mg/Kg-dry	1	7/3/2007 11:27:19 AM
Copper	13.0	0.426		mg/Kg-dry	1	7/3/2007 11:27:19 AM
Iron	4180	0.426		mg/Kg-dry	1	7/3/2007 11:27:19 AM
Lead	36.7	0.320		mg/Kg-dry	1	7/3/2007 11:27:19 AM
Magnesium	2220	0.426		mg/Kg-dry	1	7/3/2007 11:27:19 AM
Manganese	162	0.426		mg/Kg-dry	1	7/3/2007 11:27:19 AM
Nickel	11.6	0.426		mg/Kg-dry	1	7/3/2007 11:27:19 AM
Potassium	1210	2.13		mg/Kg-dry	1	7/3/2007 11:27:19 AM
Selenium	U	0.533		mg/Kg-dry	1	7/3/2007 11:27:19 AM
Silver	U	0.426		mg/Kg-dry	1	7/3/2007 11:27:19 AM
Sodium	255	1.28		mg/Kg-dry	1	7/3/2007 11:27:19 AM
Thallium	U	0.426		mg/Kg-dry	1	7/3/2007 11:27:19 AM
Vanadium	16.4	0.426		mg/Kg-dry	1	7/3/2007 11:27:19 AM
Zinc	44.4	0.426		mg/Kg-dry	1	7/3/2007 11:27:19 AM
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
1,2,4-Trichlorobenzene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
1,2-Dichlorobenzene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
1,3-Dichlorobenzene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
1,4-Dichlorobenzene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
2,4,5-Trichlorophenol	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
2,4,6-Trichlorophenol	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
2,4-Dichlorophenol	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
2,4-Dimethylphenol	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
2,4-Dinitrophenol	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
2,4-Dinitrotoluene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
2,6-Dinitrotoluene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
2-Chloronaphthalene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
2-Chlorophenol	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-4 {0-2'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 11:15:00 AM
Lab ID:	0706228-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
2-Methylnaphthalene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
2-Methylphenol	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
2-Nitroaniline	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
2-Nitrophenol	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
3,3'-Dichlorobenzidine	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
3+4-Methylphenol	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
3-Nitroaniline	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
4,6-Dinitro-2-methylphenol	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
4-Bromophenyl phenyl ether	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
4-Chloro-3-methylphenol	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
4-Chloroaniline	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
4-Chlorophenyl phenyl ether	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
4-Nitroaniline	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
4-Nitrophenol	U	310		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Acenaphthene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Acenaphthylene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Aniline	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Anthracene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Azobenzene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Benzidine	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Benzo(a)anthracene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Benzo(a)pyrene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Benzo(b)fluoranthene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Benzo(g,h,i)perylene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Benzo(k)fluoranthene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Benzoic acid	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Benzyl alcohol	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Bis(2-chloroethoxy)methane	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Bis(2-chloroethyl)ether	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Bis(2-chloroisopropyl)ether	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Bis(2-ethylhexyl)phthalate	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Butyl benzyl phthalate	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Carbazole	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Chrysene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Dibenzo(a,h)anthracene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Dibenzofuran	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Diethyl phthalate	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Dimethyl phthalate	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Di-n-butyl phthalate	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-4 {0-2'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 11:15:00 AM
Lab ID:	0706228-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
Di-n-octyl phthalate	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Fluoranthene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Fluorene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Hexachlorobenzene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Hexachlorobutadiene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Hexachlorocyclopentadiene	U	310		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Hexachloroethane	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Indeno(1,2,3-c,d)pyrene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Isophorone	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Naphthalene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Nitrobenzene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
N-Nitrosodimethylamine	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
N-Nitrosodi-n-propylamine	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
N-Nitrosodiphenylamine	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Pentachlorophenol	U	310		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Phenanthrene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Phenol	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Pyrene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Pyridine	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Surr: 2,4,6-Tribromophenol	35.7	22-124		%REC	2	7/2/2007 4:03:00 PM
Surr: 2-Fluorobiphenyl	44.6	27-119		%REC	2	7/2/2007 4:03:00 PM
Surr: 2-Fluorophenol	39.9	21-123		%REC	2	7/2/2007 4:03:00 PM
Surr: 4-Terphenyl-d14	46.3	28-126		%REC	2	7/2/2007 4:03:00 PM
Surr: Nitrobenzene-d5	42.5	21-118		%REC	2	7/2/2007 4:03:00 PM
Surr: Phenol-d6	48.7	18-129		%REC	2	7/2/2007 4:03:00 PM
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,1,1,2-Tetrachloroethane	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
1,1,1-Trichloroethane	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
1,1,2,2-Tetrachloroethane	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
1,1,2-Trichloroethane	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
1,1-Dichloroethane	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
1,1-Dichloroethene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
1,1-Dichloropropene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
1,2,3-Trichlorobenzene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
1,2,3-Trichloropropane	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
1,2,4,5-Tetramethylbenzene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
1,2,4-Trichlorobenzene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
1,2,4-Trimethylbenzene	12	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-4 {0-2'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 11:15:00 AM
Lab ID:	0706228-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,2-Dibromo-3-chloropropane	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
1,2-Dibromoethane	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
1,2-Dichlorobenzene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
1,2-Dichloroethane	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
1,2-Dichloropropane	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
1,3,5-Trimethylbenzene	3.0	5.6	J	µg/Kg-dry	1	6/26/2007 1:35:00 PM
1,3-Dichlorobenzene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
1,3-dichloropropane	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
1,4-Dichlorobenzene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
2,2-Dichloropropane	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
2-Butanone	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
2-Chloroethyl vinyl ether	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
2-Chlorotoluene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
2-Hexanone	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
2-Propanol	U	56		µg/Kg-dry	1	6/26/2007 1:35:00 PM
4-Chlorotoluene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
4-Isopropyltoluene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
4-Methyl-2-pentanone	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Acetone	39	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Acrolein	U	28		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Acrylonitrile	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Benzene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Bromobenzene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Bromochloromethane	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Bromodichloromethane	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Bromoform	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Bromomethane	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Carbon disulfide	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Carbon tetrachloride	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Chlorobenzene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Chlorodifluoromethane	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Chloroethane	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Chloroform	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Chloromethane	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
cis-1,2-Dichloroethene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
cis-1,3-Dichloropropene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Dibromochloromethane	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Dibromomethane	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Dichlorodifluoromethane	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-4 {0-2'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 11:15:00 AM
Lab ID:	0706228-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
Diisopropyl ether	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Ethanol	U	28		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Ethyl acetate	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Ethylbenzene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Freon-114	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Hexachlorobutadiene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Isopropyl acetate	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Isopropylbenzene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
m,p-Xylene	4.4	11	J	µg/Kg-dry	1	6/26/2007 1:35:00 PM
Methyl tert-butyl ether	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Methylene chloride	24	5.6	B	µg/Kg-dry	1	6/26/2007 1:35:00 PM
n-Amyl acetate	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Naphthalene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
n-Butyl acetate	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
n-Butylbenzene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
n-Propyl acetate	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
n-Propylbenzene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
o-Xylene	2.4	5.6	J	µg/Kg-dry	1	6/26/2007 1:35:00 PM
p-Diethylbenzene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
p-Ethyltoluene	6.0	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
sec-Butylbenzene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Styrene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
t-Butyl alcohol	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
tert-Butylbenzene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Tetrachloroethene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Toluene	2.7	5.6	J	µg/Kg-dry	1	6/26/2007 1:35:00 PM
trans-1,2-Dichloroethene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
trans-1,3-Dichloropropene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Trichloroethene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Trichlorofluoromethane	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Vinyl acetate	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Vinyl chloride	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Surr: 4-Bromofluorobenzene	88.7	61-133		%REC	1	6/26/2007 1:35:00 PM
Surr: Dibromofluoromethane	94.5	61-139		%REC	1	6/26/2007 1:35:00 PM
Surr: Toluene-d8	88.2	57-131		%REC	1	6/26/2007 1:35:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-4 {20-25'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 11:40:00 AM
Lab ID:	0706228-05A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY		**SW7471B**		**SW7471B**		Analyst: **JP**
Mercury	U	0.00951		mg/Kg-dry	1	7/3/2007 11:42:46 AM
PCB'S AS AROCLORS SW-846 METHOD 8082		**SW8082A**		**SW3550**		Analyst: **AR**
Aroclor 1016	U	82		µg/Kg-dry	1	6/29/2007 5:20:00 PM
Aroclor 1221	U	82		µg/Kg-dry	1	6/29/2007 5:20:00 PM
Aroclor 1232	U	82		µg/Kg-dry	1	6/29/2007 5:20:00 PM
Aroclor 1242	U	82		µg/Kg-dry	1	6/29/2007 5:20:00 PM
Aroclor 1248	U	82		µg/Kg-dry	1	6/29/2007 5:20:00 PM
Aroclor 1254	U	82		µg/Kg-dry	1	6/29/2007 5:20:00 PM
Aroclor 1260	U	82		µg/Kg-dry	1	6/29/2007 5:20:00 PM
Surr: TCX	78.8	26-136		%REC	1	6/29/2007 5:20:00 PM
Surr: DCB	74.0	20-133		%REC	1	6/29/2007 5:20:00 PM
PESTICIDES SW-846 METHOD 8081		**SW8081B**		**SW3550**		Analyst: **MMR**
4,4'-DDD	U	5.1		µg/Kg-dry	1	7/5/2007 1:53:00 PM
4,4'-DDE	U	5.1		µg/Kg-dry	1	7/5/2007 1:53:00 PM
4,4'-DDT	0.96	5.1	J	µg/Kg-dry	1	7/5/2007 1:53:00 PM
Aldrin	U	5.1		µg/Kg-dry	1	7/5/2007 1:53:00 PM
alpha-BHC	U	5.1		µg/Kg-dry	1	7/5/2007 1:53:00 PM
beta-BHC	U	5.1		µg/Kg-dry	1	7/5/2007 1:53:00 PM
Chlordane	U	15		µg/Kg-dry	1	7/5/2007 1:53:00 PM
Chlorobenzilate	U	5.1		µg/Kg-dry	1	7/5/2007 1:53:00 PM
DBCP	U	5.1		µg/Kg-dry	1	7/5/2007 1:53:00 PM
delta-BHC	U	5.1		µg/Kg-dry	1	7/5/2007 1:53:00 PM
Dieldrin	U	5.1		µg/Kg-dry	1	7/5/2007 1:53:00 PM
Endosulfan I	U	5.1		µg/Kg-dry	1	7/5/2007 1:53:00 PM
Endosulfan II	U	5.1		µg/Kg-dry	1	7/5/2007 1:53:00 PM
Endosulfan sulfate	U	5.1		µg/Kg-dry	1	7/5/2007 1:53:00 PM
Endrin	U	5.1		µg/Kg-dry	1	7/5/2007 1:53:00 PM
Endrin aldehyde	U	5.1		µg/Kg-dry	1	7/5/2007 1:53:00 PM
Endrin ketone	U	5.1		µg/Kg-dry	1	7/5/2007 1:53:00 PM
gamma-BHC	U	5.1		µg/Kg-dry	1	7/5/2007 1:53:00 PM
Heptachlor	U	5.1		µg/Kg-dry	1	7/5/2007 1:53:00 PM
Heptachlor epoxide	U	5.1		µg/Kg-dry	1	7/5/2007 1:53:00 PM
Hexachlorobenzene	U	5.1		µg/Kg-dry	1	7/5/2007 1:53:00 PM
Hexachlorocyclopentadiene	U	5.1		µg/Kg-dry	1	7/5/2007 1:53:00 PM
Methoxychlor	U	5.1		µg/Kg-dry	1	7/5/2007 1:53:00 PM
Toxaphene	U	49		µg/Kg-dry	1	7/5/2007 1:53:00 PM
Surr: DCB	35.6	31-133		%REC	1	7/5/2007 1:53:00 PM
Surr: TCX	88.5	32-132		%REC	1	7/5/2007 1:53:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-4 {20-25'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 11:40:00 AM
Lab ID:	0706228-05A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE		**D2216**				Analyst: **CM**
Percent Moisture	2.66	0		wt%	1	6/25/2007
TARGET ANALYTE LIST METALS		**SW6010B**		**SW3050A**		Analyst: **JP**
Aluminum	2010	0.397		mg/Kg-dry	1	7/3/2007 11:29:15 AM
Antimony	U	0.496		mg/Kg-dry	1	7/3/2007 11:29:15 AM
Arsenic	1.41	0.496		mg/Kg-dry	1	7/3/2007 11:29:15 AM
Barium	11.3	0.397		mg/Kg-dry	1	7/3/2007 11:29:15 AM
Beryllium	U	0.397		mg/Kg-dry	1	7/3/2007 11:29:15 AM
Cadmium	U	0.198		mg/Kg-dry	1	7/3/2007 11:29:15 AM
Calcium	2800	0.496		mg/Kg-dry	1	7/3/2007 11:29:15 AM
Chromium	4.17	0.397		mg/Kg-dry	1	7/3/2007 11:29:15 AM
Cobalt	U	0.397		mg/Kg-dry	1	7/3/2007 11:29:15 AM
Copper	5.36	0.397		mg/Kg-dry	1	7/3/2007 11:29:15 AM
Iron	3030	0.397		mg/Kg-dry	1	7/3/2007 11:29:15 AM
Lead	1.77	0.297		mg/Kg-dry	1	7/3/2007 11:29:15 AM
Magnesium	1580	0.397		mg/Kg-dry	1	7/3/2007 11:29:15 AM
Manganese	104	0.397		mg/Kg-dry	1	7/3/2007 11:29:15 AM
Nickel	4.88	0.397		mg/Kg-dry	1	7/3/2007 11:29:15 AM
Potassium	484	1.98		mg/Kg-dry	1	7/3/2007 11:29:15 AM
Selenium	U	0.496		mg/Kg-dry	1	7/3/2007 11:29:15 AM
Silver	U	0.397		mg/Kg-dry	1	7/3/2007 11:29:15 AM
Sodium	128	1.19		mg/Kg-dry	1	7/3/2007 11:29:15 AM
Thallium	U	0.397		mg/Kg-dry	1	7/3/2007 11:29:15 AM
Vanadium	5.45	0.397		mg/Kg-dry	1	7/3/2007 11:29:15 AM
Zinc	9.27	0.397		mg/Kg-dry	1	7/3/2007 11:29:15 AM
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
1,2,4-Trichlorobenzene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
1,2-Dichlorobenzene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
1,3-Dichlorobenzene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
1,4-Dichlorobenzene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
2,4,5-Trichlorophenol	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
2,4,6-Trichlorophenol	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
2,4-Dichlorophenol	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
2,4-Dimethylphenol	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
2,4-Dinitrophenol	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
2,4-Dinitrotoluene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
2,6-Dinitrotoluene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
2-Chloronaphthalene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
2-Chlorophenol	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-4 {20-25'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 11:40:00 AM
Lab ID:	0706228-05A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
2-Methylnaphthalene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
2-Methylphenol	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
2-Nitroaniline	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
2-Nitrophenol	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
3,3'-Dichlorobenzidine	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
3+4-Methylphenol	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
3-Nitroaniline	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
4,6-Dinitro-2-methylphenol	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
4-Bromophenyl phenyl ether	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
4-Chloro-3-methylphenol	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
4-Chloroaniline	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
4-Chlorophenyl phenyl ether	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
4-Nitroaniline	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
4-Nitrophenol	U	150		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Acenaphthene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Acenaphthylene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Aniline	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Anthracene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Azobenzene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Benzidine	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Benzo(a)anthracene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Benzo(a)pyrene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Benzo(b)fluoranthene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Benzo(g,h,i)perylene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Benzo(k)fluoranthene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Benzoic acid	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Benzyl alcohol	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Bis(2-chloroethoxy)methane	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Bis(2-chloroethyl)ether	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Bis(2-chloroisopropyl)ether	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Bis(2-ethylhexyl)phthalate	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Butyl benzyl phthalate	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Carbazole	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Chrysene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Dibenzo(a,h)anthracene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Dibenzofuran	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Diethyl phthalate	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Dimethyl phthalate	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Di-n-butyl phthalate	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-4 {20-25'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 11:40:00 AM
Lab ID:	0706228-05A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
Di-n-octyl phthalate	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Fluoranthene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Fluorene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Hexachlorobenzene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Hexachlorobutadiene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Hexachlorocyclopentadiene	U	150		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Hexachloroethane	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Indeno(1,2,3-c,d)pyrene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Isophorone	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Naphthalene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Nitrobenzene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
N-Nitrosodimethylamine	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
N-Nitrosodi-n-propylamine	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
N-Nitrosodiphenylamine	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Pentachlorophenol	U	150		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Phenanthrene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Phenol	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Pyrene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Pyridine	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Surr: 2,4,6-Tribromophenol	59.7	22-124		%REC	1	7/2/2007 4:28:00 PM
Surr: 2-Fluorobiphenyl	72.7	27-119		%REC	1	7/2/2007 4:28:00 PM
Surr: 2-Fluorophenol	66.5	21-123		%REC	1	7/2/2007 4:28:00 PM
Surr: 4-Terphenyl-d14	72.1	28-126		%REC	1	7/2/2007 4:28:00 PM
Surr: Nitrobenzene-d5	66.5	21-118		%REC	1	7/2/2007 4:28:00 PM
Surr: Phenol-d6	71.2	18-129		%REC	1	7/2/2007 4:28:00 PM
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,1,1,2-Tetrachloroethane	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
1,1,1-Trichloroethane	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
1,1,2,2-Tetrachloroethane	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
1,1,2-Trichloroethane	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
1,1-Dichloroethane	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
1,1-Dichloroethene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
1,1-Dichloropropene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
1,2,3-Trichlorobenzene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
1,2,3-Trichloropropane	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
1,2,4,5-Tetramethylbenzene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
1,2,4-Trichlorobenzene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
1,2,4-Trimethylbenzene	1.6	4.7	J	µg/Kg-dry	1	6/26/2007 2:00:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-4 {20-25'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 11:40:00 AM
Lab ID:	0706228-05A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,2-Dibromo-3-chloropropane	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
1,2-Dibromoethane	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
1,2-Dichlorobenzene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
1,2-Dichloroethane	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
1,2-Dichloropropane	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
1,3,5-Trimethylbenzene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
1,3-Dichlorobenzene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
1,3-dichloropropane	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
1,4-Dichlorobenzene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
2,2-Dichloropropane	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
2-Butanone	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
2-Chloroethyl vinyl ether	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
2-Chlorotoluene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
2-Hexanone	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
2-Propanol	U	47		µg/Kg-dry	1	6/26/2007 2:00:00 PM
4-Chlorotoluene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
4-Isopropyltoluene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
4-Methyl-2-pentanone	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Acetone	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Acrolein	U	23		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Acrylonitrile	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Benzene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Bromobenzene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Bromochloromethane	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Bromodichloromethane	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Bromoform	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Bromomethane	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Carbon disulfide	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Carbon tetrachloride	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Chlorobenzene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Chlorodifluoromethane	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Chloroethane	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Chloroform	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Chloromethane	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
cis-1,2-Dichloroethene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
cis-1,3-Dichloropropene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Dibromochloromethane	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Dibromomethane	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Dichlorodifluoromethane	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-4 {20-25'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 11:40:00 AM
Lab ID:	0706228-05A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
Diisopropyl ether	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Ethanol	U	23		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Ethyl acetate	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Ethylbenzene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Freon-114	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Hexachlorobutadiene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Isopropyl acetate	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Isopropylbenzene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
m,p-Xylene	U	9.3		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Methyl tert-butyl ether	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Methylene chloride	31	4.7	B	µg/Kg-dry	1	6/26/2007 2:00:00 PM
n-Amyl acetate	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Naphthalene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
n-Butyl acetate	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
n-Butylbenzene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
n-Propyl acetate	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
n-Propylbenzene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
o-Xylene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
p-Diethylbenzene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
p-Ethyltoluene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
sec-Butylbenzene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Styrene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
t-Butyl alcohol	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
tert-Butylbenzene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Tetrachloroethene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Toluene	0.73	4.7	J	µg/Kg-dry	1	6/26/2007 2:00:00 PM
trans-1,2-Dichloroethene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
trans-1,3-Dichloropropene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Trichloroethene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Trichlorofluoromethane	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Vinyl acetate	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Vinyl chloride	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Surr: 4-Bromofluorobenzene	88.1	61-133		%REC	1	6/26/2007 2:00:00 PM
Surr: Dibromofluoromethane	100	61-139		%REC	1	6/26/2007 2:00:00 PM
Surr: Toluene-d8	87.8	57-131		%REC	1	6/26/2007 2:00:00 PM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-3 {0-2'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007
Lab ID:	0706228-06A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY		**SW7471B**		**SW7471B**		Analyst: **JP**
Mercury	0.0587	0.0104		mg/Kg-dry	1	7/3/2007 11:44:53 AM
PCB'S AS AROCLORS SW-846 METHOD 8082		**SW8082A**		**SW3550**		Analyst: **AR**
Aroclor 1016	U	90		µg/Kg-dry	1	6/29/2007 5:37:00 PM
Aroclor 1221	U	90		µg/Kg-dry	1	6/29/2007 5:37:00 PM
Aroclor 1232	U	90		µg/Kg-dry	1	6/29/2007 5:37:00 PM
Aroclor 1242	U	90		µg/Kg-dry	1	6/29/2007 5:37:00 PM
Aroclor 1248	U	90		µg/Kg-dry	1	6/29/2007 5:37:00 PM
Aroclor 1254	U	90		µg/Kg-dry	1	6/29/2007 5:37:00 PM
Aroclor 1260	U	90		µg/Kg-dry	1	6/29/2007 5:37:00 PM
Surr: TCX	61.5	26-136		%REC	1	6/29/2007 5:37:00 PM
Surr: DCB	111	20-133		%REC	1	6/29/2007 5:37:00 PM
PESTICIDES SW-846 METHOD 8081		**SW8081B**		**SW3550**		Analyst: **MMR**
4,4'-DDD	8.7	5.7		µg/Kg-dry	1	7/5/2007 2:10:00 PM
4,4'-DDE	1.2	5.7	J	µg/Kg-dry	1	7/5/2007 2:10:00 PM
4,4'-DDT	0.40	5.7	J	µg/Kg-dry	1	7/5/2007 2:10:00 PM
Aldrin	U	5.7		µg/Kg-dry	1	7/5/2007 2:10:00 PM
alpha-BHC	U	5.7		µg/Kg-dry	1	7/5/2007 2:10:00 PM
beta-BHC	U	5.7		µg/Kg-dry	1	7/5/2007 2:10:00 PM
Chlordane	190	17		µg/Kg-dry	1	7/5/2007 2:10:00 PM
Chlorobenzilate	U	5.7		µg/Kg-dry	1	7/5/2007 2:10:00 PM
DBCP	U	5.7		µg/Kg-dry	1	7/5/2007 2:10:00 PM
delta-BHC	U	5.7		µg/Kg-dry	1	7/5/2007 2:10:00 PM
Dieldrin	U	5.7		µg/Kg-dry	1	7/5/2007 2:10:00 PM
Endosulfan I	U	5.7		µg/Kg-dry	1	7/5/2007 2:10:00 PM
Endosulfan II	U	5.7		µg/Kg-dry	1	7/5/2007 2:10:00 PM
Endosulfan sulfate	U	5.7		µg/Kg-dry	1	7/5/2007 2:10:00 PM
Endrin	U	5.7		µg/Kg-dry	1	7/5/2007 2:10:00 PM
Endrin aldehyde	U	5.7		µg/Kg-dry	1	7/5/2007 2:10:00 PM
Endrin ketone	U	5.7		µg/Kg-dry	1	7/5/2007 2:10:00 PM
gamma-BHC	19	5.7		µg/Kg-dry	1	7/5/2007 2:10:00 PM
Heptachlor	1.6	5.7	J	µg/Kg-dry	1	7/5/2007 2:10:00 PM
Heptachlor epoxide	U	5.7		µg/Kg-dry	1	7/5/2007 2:10:00 PM
Hexachlorobenzene	U	5.7		µg/Kg-dry	1	7/5/2007 2:10:00 PM
Hexachlorocyclopentadiene	U	5.7		µg/Kg-dry	1	7/5/2007 2:10:00 PM
Methoxychlor	U	5.7		µg/Kg-dry	1	7/5/2007 2:10:00 PM
Toxaphene	U	54		µg/Kg-dry	1	7/5/2007 2:10:00 PM
Surr: DCB	55.5	31-133		%REC	1	7/5/2007 2:10:00 PM
Surr: TCX	63.5	32-132		%REC	1	7/5/2007 2:10:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-3 {0-2'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007
Lab ID:	0706228-06A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE		**D2216**				Analyst: **CM**
Percent Moisture	11.7	0		wt%	1	6/25/2007
TARGET ANALYTE LIST METALS		**SW6010B**		**SW3050A**		Analyst: **JP**
Aluminum	10200	4.00		mg/Kg-dry	10	7/3/2007 1:39:44 PM
Antimony	U	0.500		mg/Kg-dry	1	7/3/2007 11:36:24 AM
Arsenic	3.16	0.500		mg/Kg-dry	1	7/3/2007 11:36:24 AM
Barium	47.6	0.400		mg/Kg-dry	1	7/3/2007 11:36:24 AM
Beryllium	U	0.400		mg/Kg-dry	1	7/3/2007 11:36:24 AM
Cadmium	U	0.200		mg/Kg-dry	1	7/3/2007 11:36:24 AM
Calcium	8570	0.500		mg/Kg-dry	1	7/3/2007 11:36:24 AM
Chromium	14.6	0.400		mg/Kg-dry	1	7/3/2007 11:36:24 AM
Cobalt	U	0.400		mg/Kg-dry	1	7/3/2007 11:36:24 AM
Copper	14.4	0.400		mg/Kg-dry	1	7/3/2007 11:36:24 AM
Iron	10800	4.00		mg/Kg-dry	10	7/3/2007 1:39:44 PM
Lead	64.6	0.300		mg/Kg-dry	1	7/3/2007 11:36:24 AM
Magnesium	4710	0.400		mg/Kg-dry	1	7/3/2007 11:36:24 AM
Manganese	172	0.400		mg/Kg-dry	1	7/3/2007 11:36:24 AM
Nickel	12.4	0.400		mg/Kg-dry	1	7/3/2007 11:36:24 AM
Potassium	1060	2.00		mg/Kg-dry	1	7/3/2007 11:36:24 AM
Selenium	U	0.500		mg/Kg-dry	1	7/3/2007 11:36:24 AM
Silver	U	0.400		mg/Kg-dry	1	7/3/2007 11:36:24 AM
Sodium	209	1.20		mg/Kg-dry	1	7/3/2007 11:36:24 AM
Thallium	U	0.400		mg/Kg-dry	1	7/3/2007 11:36:24 AM
Vanadium	18.8	0.400		mg/Kg-dry	1	7/3/2007 11:36:24 AM
Zinc	57.8	0.400		mg/Kg-dry	1	7/3/2007 11:36:24 AM
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
1,2,4-Trichlorobenzene	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
1,2-Dichlorobenzene	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
1,3-Dichlorobenzene	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
1,4-Dichlorobenzene	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
2,4,5-Trichlorophenol	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
2,4,6-Trichlorophenol	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
2,4-Dichlorophenol	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
2,4-Dimethylphenol	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
2,4-Dinitrophenol	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
2,4-Dinitrotoluene	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
2,6-Dinitrotoluene	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
2-Chloronaphthalene	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
2-Chlorophenol	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-3 {0-2'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007
Lab ID:	0706228-06A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
2-Methylnaphthalene	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
2-Methylphenol	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
2-Nitroaniline	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
2-Nitrophenol	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
3,3'-Dichlorobenzidine	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
3+4-Methylphenol	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
3-Nitroaniline	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
4,6-Dinitro-2-methylphenol	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
4-Bromophenyl phenyl ether	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
4-Chloro-3-methylphenol	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
4-Chloroaniline	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
4-Chlorophenyl phenyl ether	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
4-Nitroaniline	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
4-Nitrophenol	U	170		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Acenaphthene	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Acenaphthylene	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Aniline	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Anthracene	350	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Azobenzene	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Benzidine	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Benzo(a)anthracene	1200	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Benzo(a)pyrene	1200	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Benzo(b)fluoranthene	1100	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Benzo(g,h,i)perylene	690	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Benzo(k)fluoranthene	860	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Benzoic acid	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Benzyl alcohol	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Bis(2-chloroethoxy)methane	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Bis(2-chloroethyl)ether	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Bis(2-chloroisopropyl)ether	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Bis(2-ethylhexyl)phthalate	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Butyl benzyl phthalate	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Carbazole	190	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Chrysene	1400	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Dibenzo(a,h)anthracene	150	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Dibenzofuran	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Diethyl phthalate	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Dimethyl phthalate	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Di-n-butyl phthalate	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-3 {0-2'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007
Lab ID:	0706228-06A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
Di-n-octyl phthalate	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Fluoranthene	2900	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Fluorene	120	140	J	µg/Kg-dry	1	7/2/2007 4:53:00 PM
Hexachlorobenzene	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Hexachlorobutadiene	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Hexachlorocyclopentadiene	U	170		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Hexachloroethane	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Indeno(1,2,3-c,d)pyrene	770	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Isophorone	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Naphthalene	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Nitrobenzene	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
N-Nitrosodimethylamine	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
N-Nitrosodi-n-propylamine	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
N-Nitrosodiphenylamine	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Pentachlorophenol	U	170		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Phenanthrene	1700	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Phenol	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Pyrene	2700	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Pyridine	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Surr: 2,4,6-Tribromophenol	49.1	22-124		%REC	1	7/2/2007 4:53:00 PM
Surr: 2-Fluorobiphenyl	56.3	27-119		%REC	1	7/2/2007 4:53:00 PM
Surr: 2-Fluorophenol	57.6	21-123		%REC	1	7/2/2007 4:53:00 PM
Surr: 4-Terphenyl-d14	54.8	28-126		%REC	1	7/2/2007 4:53:00 PM
Surr: Nitrobenzene-d5	53.4	21-118		%REC	1	7/2/2007 4:53:00 PM
Surr: Phenol-d6	60.5	18-129		%REC	1	7/2/2007 4:53:00 PM
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,1,1,2-Tetrachloroethane	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
1,1,1-Trichloroethane	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
1,1,2,2-Tetrachloroethane	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
1,1,2-Trichloroethane	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
1,1-Dichloroethane	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
1,1-Dichloroethene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
1,1-Dichloropropene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
1,2,3-Trichlorobenzene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
1,2,3-Trichloropropane	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
1,2,4,5-Tetramethylbenzene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
1,2,4-Trichlorobenzene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
1,2,4-Trimethylbenzene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-3 {0-2'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007
Lab ID:	0706228-06A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,2-Dibromo-3-chloropropane	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
1,2-Dibromoethane	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
1,2-Dichlorobenzene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
1,2-Dichloroethane	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
1,2-Dichloropropane	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
1,3,5-Trimethylbenzene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
1,3-Dichlorobenzene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
1,3-dichloropropane	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
1,4-Dichlorobenzene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
2,2-Dichloropropane	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
2-Butanone	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
2-Chloroethyl vinyl ether	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
2-Chlorotoluene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
2-Hexanone	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
2-Propanol	U	61		µg/Kg-dry	1	6/26/2007 2:24:00 PM
4-Chlorotoluene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
4-Isopropyltoluene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
4-Methyl-2-pentanone	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Acetone	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Acrolein	U	31		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Acrylonitrile	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Benzene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Bromobenzene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Bromochloromethane	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Bromodichloromethane	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Bromoform	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Bromomethane	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Carbon disulfide	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Carbon tetrachloride	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Chlorobenzene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Chlorodifluoromethane	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Chloroethane	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Chloroform	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Chloromethane	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
cis-1,2-Dichloroethene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
cis-1,3-Dichloropropene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Dibromochloromethane	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Dibromomethane	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Dichlorodifluoromethane	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-3 {0-2'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007
Lab ID:	0706228-06A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
Diisopropyl ether	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Ethanol	U	31		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Ethyl acetate	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Ethylbenzene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Freon-114	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Hexachlorobutadiene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Isopropyl acetate	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Isopropylbenzene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
m,p-Xylene	U	12		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Methyl tert-butyl ether	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Methylene chloride	35	6.1	B	µg/Kg-dry	1	6/26/2007 2:24:00 PM
n-Amyl acetate	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Naphthalene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
n-Butyl acetate	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
n-Butylbenzene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
n-Propyl acetate	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
n-Propylbenzene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
o-Xylene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
p-Diethylbenzene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
p-Ethyltoluene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
sec-Butylbenzene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Styrene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
t-Butyl alcohol	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
tert-Butylbenzene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Tetrachloroethene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Toluene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
trans-1,2-Dichloroethene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
trans-1,3-Dichloropropene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Trichloroethene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Trichlorofluoromethane	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Vinyl acetate	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Vinyl chloride	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Surr: 4-Bromofluorobenzene	88.2	61-133		%REC	1	6/26/2007 2:24:00 PM
Surr: Dibromofluoromethane	102	61-139		%REC	1	6/26/2007 2:24:00 PM
Surr: Toluene-d8	93.5	57-131		%REC	1	6/26/2007 2:24:00 PM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

J.R. Holzmacher P.E., LLC

300 Wheeler Road, Suite 402, Hauppauge, New York 11788-4300
Tel: (631) 234-2220 Fax: (631) 234-2221 e-mail: info@holzmacher.com

May 24, 2011

Raphael Ketani
New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 2
47-40 21st Street
Long Island City, New York, 11101-5407

Re: 211-08 Northern Blvd, Bayside
NYSDEC Spill File 0704037

Dear Mr. Ketani,

J.R. Holzmacher P.E. LLC (JRH) has prepared the following report to document the remediation performed at the above referenced property in May 2011. The remediation was conducted on behalf of Jeewha and Steve Kim, the property owners.

Background

This property is designated with a Hazardous Materials "E" (E-25) as part of the Bayside Rezoning Action (CEQR # 89-271Q). Site development calls for the excavation of the top 20 feet of soil. A Phase II work plan was prepared by JRH and approved by the NYCDEP on June 5, 2007.

No volatile organic chemicals (VOCs) were detected above their respective Recommended Soil Cleanup Objectives (RSCOs as per TAGM 4046) in eight of the nine soil samples collected. However, nine VOCs were above their respective NYSDEC RSCOs in soil sample B-1 (20-25 ft). These compounds are petroleum related, therefore, the NYSDEC Spills Hotline was called and Spill File 0704037 was assigned.

JRH contacted Mr. Jeffrey Vought of the DEC who requested additional borings and soil samples to delineate both the horizontal and vertical extent of this contamination. This work was conducted in August 2007 and the data were presented in a report dated September 12, 2007.

Please note that as part of the approved Phase II work plan, three on-site borings designated W-1, W-2, and W-3 were advanced to groundwater (approximately 50 feet below grade). There were no detections of VOCs, SVOCs, pesticides, or PCBs in the three-groundwater samples.

Delineation of Contamination -

Five additional soil borings were drilled in August 2007 to define the horizontal and vertical extent of the petroleum contamination detected in the 20-25 foot sample in Boring B-1. This work is also documented in the September 2007 report.

The horizontal and vertical extent of the petroleum contamination was defined using data collected from these borings. The soil contamination starts at approximately 15 feet below grade and ends around between 18 and 22 feet (28 to 32 feet above the water table). This interval corresponds to abundant clay and silt (low permeability zone) in the geologic formation underlying the property. It also corresponds to the depths of former dry wells in that area.

At the request of the NYSDEC, JRH retained Zebra Environmental on April 14, 2009 to drill directly through the contaminated soil at location B-1 and collect a groundwater sample. A groundwater sample was collected at 50 to 54 feet below grade and there were no detections of VOCs and SVOCs above New York State Groundwater Standards.

Remediation-

The owners obtained a Work Permit from NYCDOB on January 11, 2011 in advance of excavating the contaminated soils. Shoring was used to protect the building and surrounding street/sidewalk areas from collapsing during excavation activities. Photographs of the shoring and excavation are provided in Attachment A.

An outer shoring "box" was used to segregate or frame the area to be excavated for site development. An inner "box" of shoring was used to specifically surround the area of contaminated soil based on data from the on-site delineation borings, however, allowing for a generous buffer zone. The owner's contractor began to excavate the shallow soils within the outer and inner shoring boxes the week of April 18, 2011 when all sorts of debris were encountered including abandoned/destroyed hydraulic lifts, four 30-gallon reservoir tanks, and a 550 gallon waste oil tank (Figure 1). It was obvious that the debris was dumped at this location (into the footprint of a former on-site building). There was no evidence of contaminated soil associated with this debris based on olfactory/visual evidence and PID readings.

JRH was on-site to document the removal of debris and the owners retained Brookside Environmental Inc. of Hicksville, New York (Brookside) to remove and properly dispose of the waste oil tank and hydraulic reservoir tanks. Brookside used a vacuum truck to remove water from the tank and oil from the hydraulic reservoir tanks. The tank was cut open and fully cleaned out. A small amount of sludge was placed into a drum for proper disposal. The resulting tank carcass and reservoir tanks were shipped off-site for recycling as scrap. Documentation for the tank and lift removal and disposal is provided in Attachment B.

JRH collected endpoint soil samples after the 550 gallon waste oil tank was removed. The endpoint samples were hand delivered to American Analytical Laboratories, Farmingdale, New York (NYSDOH ELAP #11418) for analysis. The samples were analyzed for EPA Method 8260 VOCs, EPA Method 8270 SVOCs (STARS list), EPA Method 8082 (PCBs) and the RCRA metals. These data are summarized on Tables 1, 2, 3 and 4 and the laboratory report is provided in Attachment B. There were no exceedances of NYSDEC Soil Clean-up Objectives (SCOs) in any of the soil samples.

The outside excavation was 30 by 30 by 10 feet deep. Once the debris was removed, the excavation was conducted at deeper levels in the inner box or contaminated zone. The hydraulic lifts and reservoir tanks were located in this box. Figure 1 shows the extent of both the outside and inside excavations.

The inner box dimensions were set conservatively based on the soil boring data. The contaminated zone excavation ended up being 15 feet by 15 feet and 20 to 22 feet deep. Once visibly clean soil was encountered on each side wall and the base, the excavation was stopped. JRH collected endpoint samples from the open base of each side wall (designated east, south, west and north) as well as from the bottom of the excavation (designated center). The endpoint samples were hand delivered to American Analytical Laboratories for analysis by EPA Methods 8260 and 8270 (STARS list). Tables 5 and 6 summarize the data and indicate there were no detections of VOCs and SVOCs above NYSDEC SCOs (CP-51). The laboratory report is included in Attachment C.

Brookside provided the general contractor with licensed trucks. A non- hazardous manifest was prepared for each load and signed manifests and weigh tickets are provided in Attachment B. A total of 196.97 tons of soil were removed from the site as non-hazardous petroleum contaminated soil for disposal/recycling at the Clean Earth of Carteret facility.

Based on this major remedial effort, we respectfully request that you close the spill file for the site. Should you have any questions, or require further information, please call me.

Very Truly Yours,
J.R. Holzmacher P.E. LLC

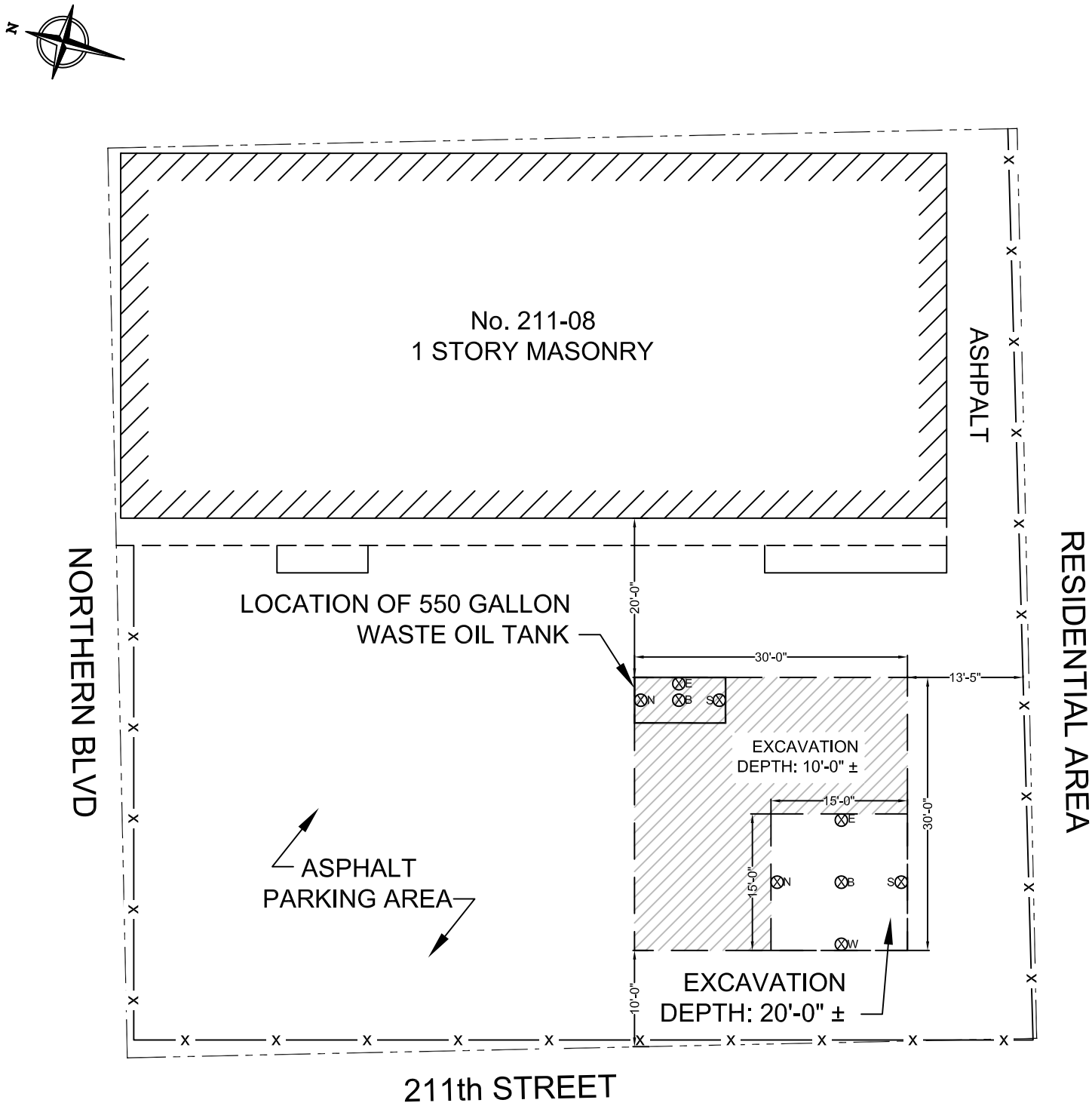
James M. DeMartinis

James M. DeMartinis, P.G.
Senior Hydrogeologist

JMH: JD:

CC: Jeewha & Steve Kim

FIGURE



LEGEND:
⊗N NORTH ENDPOINT SAMPLE

PREPARED BY:
J.R. HOLZMACHER P.E., LLC
The Third Generation of Excellence
In Water Supply, Water Resources,
Civil and Environmental Engineering
300 WHEELER ROAD
SUITE 303
HAUPPAUGE, NEW YORK 11788
PHONE # (631) 234-2220
FAX # (631) 234-2221
E-MAIL: info@holzmacher.com
www.holzmacher.com

TITLE:
SAMPLE LOCATION PLAN
211-08 NORTHERN BOULEVARD
BAYSIDE, NEW YORK

DWN:	SCALE:	DATE:	PROJECT NO.:
KFS	NTS	05/20/11	JSKim 10-01
CHKD:	APPD:	REV.:	NOTES:
SPU	JMD	-	–
FIGURE NO.:	1		

TABLES

211-08 Northern Blvd
Bayside, NY
NYSDEC #0704037
550 Gallon Tank Removal

Volatile Organic Chemicals for Soils
EPA Method 8260
Table 1

Client Sample ID:		**SCOs**	**550-B**	**550-E**	**550-N**	**550-S**
Sample Location			**Bottom**	**East**	**North**	**South**
Sampling Depth			**10'**	**10'**	**10'**	**10'**
Sampling Date:			**04/26/2011**	**04/26/2011**	**04/26/2011**	**04/26/2011**
Analyte:	**Units:**					
1,1,1,2-Tetrachloroethane	PPM	NA	ND	ND	ND	ND
1,1,1-Trichloroethane	PPM	500	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	PPM	0.6	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	PPM	6	ND	ND	ND	ND
1,1,2-Trichloroethane	PPM	NA	ND	ND	ND	ND
1,1-Dichloroethane	PPM	240	ND	ND	ND	ND
1,1-Dichloroethene	PPM	500	ND	ND	ND	ND
1,1-Dichloropropene	PPM	NA	ND	ND	ND	ND
1,2,3-Trichlorobenzene	PPM	NA	ND	ND	ND	ND
1,2,3-Trichloropropane	PPM	0.4	ND	ND	ND	ND
1,2,4,5-Tetramethylbenzene	PPM	10	0.0023	ND	0.0015	0.0015
1,2,4-Trichlorobenzene	PPM	190	ND	ND	ND	ND
1,2,4-Trimethylbenzene	PPM	3.6	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	PPM	NA	ND	ND	ND	ND
1,2-Dibromoethane	PPM	NA	ND	ND	ND	ND
1,2-Dichlorobenzene	PPM	500	ND	ND	ND	ND
1,2-Dichloroethane	PPM	30	ND	ND	ND	ND
1,2-Dichloropropane	PPM	NA	ND	ND	ND	ND
1,3,5-Trimethylbenzene	PPM	8.4	ND	ND	ND	ND
1,3-Dichlorobenzene	PPM	280	ND	ND	ND	ND
1,3-dichloropropane	PPM	0.3	ND	ND	ND	ND
1,4-Dichlorobenzene	PPM	130	ND	ND	ND	ND
1,4-Dioxane	PPM	130	ND	ND	ND	ND
2,2-Dichloropropane	PPM	NA	ND	ND	ND	ND
2-Butanone	PPM	0.3	ND	ND	ND	ND
2-Chloroethyl vinyl ether	PPM	NA	ND	ND	ND	ND
2-Chlorotoluene	PPM	NA	ND	ND	ND	ND
2-Hexanone	PPM	NA	ND	ND	ND	ND
2-Propanol	PPM	NA	ND	ND	ND	ND
4-Chlorotoluene	PPM	NA	ND	ND	ND	ND
4-Isopropyltoluene	PPM	10	ND	ND	ND	ND
4-Methyl-2-pentanone	PPM	1.0	ND	ND	ND	ND
Acetone	PPM	500	ND	ND	ND	ND
Acrolein	PPM	NA	ND	ND	ND	ND
Acrylonitrile	PPM	NA	ND	ND	ND	ND
Benzene	PPM	0.06	ND	ND	ND	ND
Bromobenzene	PPM	NA	ND	ND	ND	ND
Bromochloromethane	PPM	NA	ND	ND	ND	ND
Bromodichloromethane	PPM	NA	ND	ND	ND	ND
Bromoform	PPM	NA	ND	ND	ND	ND
Bromomethane	PPM	NA	ND	ND	ND	ND

211-08 Northern Blvd
Bayside, NY
NYSDEC #0704037
550 Gallon Tank Removal

Volatile Organic Chemicals for Soils
EPA Method 8260
Table 1

Client Sample ID:		**SCOs**	**550-B**	**550-E**	**550-N**	**550-S**
Sample Location			**Bottom**	**East**	**North**	**South**
Sampling Depth			**10'**	**10'**	**10'**	**10'**
Sampling Date:			**04/26/2011**	**04/26/2011**	**04/26/2011**	**04/26/2011**
Analyte:	**Units:**					
Carbon disulfide	PPM	2.7	ND	ND	ND	ND
Carbon tetrachloride	PPM	22	ND	ND	ND	ND
Chlorobenzene	PPM	500	ND	ND	ND	ND
Chlorodifluoromethane	PPM	NA	ND	ND	ND	ND
Chloroethane	PPM	1.9	ND	ND	ND	ND
Chloroform	PPM	350	ND	ND	ND	ND
Chloromethane	PPM	NA	ND	ND	ND	ND
cis-1,2-Dichloroethene	PPM	500	ND	ND	ND	ND
cis-1,3-Dichloropropene	PPM	NA	ND	ND	ND	ND
Dibromochloromethane	PPM	NA	ND	ND	ND	ND
Dibromomethane	PPM	NA	ND	ND	ND	ND
Dichlorodifluoromethane	PPM	NA	ND	ND	ND	ND
Diisopropyl ether	PPM	NA	ND	ND	ND	ND
Ethanol	PPM	NA	ND	ND	ND	ND
Ethyl acetate	PPM	NA	ND	ND	ND	ND
Ethylbenzene	PPM	1	ND	ND	ND	ND
Freon-114	PPM	NA	ND	ND	ND	ND
Hexachlorobutadiene	PPM	NA	ND	ND	ND	ND
Isopropyl acetate	PPM	NA	ND	ND	ND	ND
Isopropylbenzene	PPM	2.3	ND	ND	ND	ND
m,p-Xylene	PPM	0.26	ND	ND	ND	ND
Methyl Acetate	PPM	NA	ND	ND	ND	ND
Methyl tert-butyl ether	PPM	0.93	ND	ND	ND	ND
Methylene chloride	PPM	500	0.0096	0.0092B	0.0067B	0.0076B
n-Amyl acetate	PPM	NA	ND	ND	ND	ND
Naphthalene	PPM	12	ND	ND	ND	ND
n-Butyl acetate	PPM	NA	ND	ND	ND	ND
n-Butylbenzene	PPM	12	ND	ND	ND	ND
n-Propyl acetate	PPM	NA	ND	ND	ND	ND
n-Propylbenzene	PPM	3.9	ND	ND	ND	ND
o-Xylene	PPM	0.26	ND	ND	ND	ND
p-Diethylbenzene	PPM	NA	0.0011	ND	0.00085J	0.00059J
p-Ethyltoluene	PPM	NA	ND	ND	ND	ND
sec-Butylbenzene	PPM	11	ND	ND	ND	ND
Styrene	PPM	NA	ND	ND	ND	ND
t-Butyl alcohol	PPM	NA	ND	ND	ND	ND
tert-Butylbenzene	PPM	5.9	ND	ND	ND	ND
Tetrachloroethene	PPM	150	ND	ND	ND	ND
Toluene	PPM	0.7	ND	ND	ND	ND
trans-1,2-Dichloroethene	PPM	500	ND	ND	ND	ND
trans-1,3-Dichloropropene	PPM	NA	ND	ND	ND	ND

211-08 Northern Blvd
Bayside, NY
NYSDEC #0704037
550 Gallon Tank Removal

Volatile Organic Chemicals for Soils
EPA Method 8260
Table 1

Client Sample ID:		**SCOs**	**550-B**	**550-E**	**550-N**	**550-S**
Sample Location			**Bottom**	**East**	**North**	**South**
Sampling Depth			**10'**	**10'**	**10'**	**10'**
Sampling Date:			**04/26/2011**	**04/26/2011**	**04/26/2011**	**04/26/2011**
Analyte:	**Units:**					
Trichloroethene	PPM	200	ND	ND	ND	ND
Trichlorofluoromethane	PPM	NA	ND	ND	ND	ND
Vinyl acetate	PPM	NA	ND	ND	ND	ND
Vinyl chloride	PPM	13	ND	ND	ND	ND

Notes:
All results in ppm
ND - Not detected
NA-Not Available
J- Estimated Concentration
B- Analyte detected in blank
Blue SCOs- Commercial Soil Cleanup Objectives as per Part 375-6.8(b)
Black SCOs- CP-51

211-08 Northern Blvd
Bayside, NY
NYSDEC #0704037
550 Gallon Tank Removal
Semi Volatile Organic Chemicals (SVOCs) for Soils
EPA Method 8270
Table 2

Client Sample ID:		**SCOs**	**550-B**	**550-E**	**550-N**	**550-S**
Sample Location			**Bottom**	**East**	**North**	**South**
Sampling Depth			**10'**	**10'**	**10'**	**10'**
Sampling Date:			**04/26/2011**	**04/26/2011**	**04/26/2011**	**04/26/2011**
Analyte:	**Units:**					
Acenaphthene	PPM	20	ND	ND	ND	ND
Acenaphthylene	PPM	100	ND	ND	ND	ND
Anthracene	PPM	100	ND	ND	0.18J	ND
Benzo(a)anthracene	PPM	1	0.056J	ND	0.022J	ND
Benzo(a)pyrene	PPM	1	0.057J	ND	0.22J	ND
Benzo(b)fluoranthene	PPM	1	0.053J	ND	0.18J	ND
Benzo(g,h,i)perylene	PPM	100	0.079J	ND	0.23J	ND
Benzo(k)fluoranthene	PPM	0.8	0.041	ND	0.18J	ND
Chrysene	PPM	1	0.061J	ND	0.18J	ND
Dibenzo(a,h)anthracene	PPM	0.33	ND	ND	0.089J	ND
Fluoranthene	PPM	100	0.097J	ND	0.41	0.029J
Fluorene	PPM	30	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	PPM	0.5	0.052J	ND	0.20J	ND
Phenanthrene	PPM	100	0.047J	ND	0.18J	ND
Pyrene	PPM	100	0.150J	ND	0.51	0.034J

Notes:
ND - Not detected
J- Estimated Concentration
SCOs-CP-51

211-08 Northern Blvd
Bayside, NY
NYSDEC #0704037
550 Gallon Tank Removal

RCRA Metals Analysis for Soil
Table 3

Client Sample ID:		**SCOs**	**550-B**	**550-E**	**550-N**	**550-S**
Sample Location			**Bottom**	**East**	**North**	**South**
Sampling Depth			**10'**	**10'**	**10'**	**10'**
Sampling Date:			**04/26/2011**	**04/26/2011**	**04/26/2011**	**04/26/2011**
Analyte:	**Units:**					
Arsenic	PPM	16	2.69	1.60	3.60	2.14
Barium	PPM	400	34.2	40.5	35.8	31.7
Cadmium	PPM	9.3	ND	ND	0.110J	ND
Chromium	PPM	400	18.2	17.3	14.2	17.6
Lead	PPM	1000	15.5	3.45	30.2	9.23
Mercury	PPM	2.8	0.0216	0.00916J	0.0438	0.0130
Selenium	PPM	1500	0.215J	ND	0.265J	ND
Silver	PPM	1500	ND	ND	ND	ND

Notes:
All results in parts per million (ppm)
ND - Not detected
SCOs- Commercial Soil Cleanup Objectives as per Part 375-6.8(b)

211-08 Northern Blvd
Bayside, NY
NYSDEC #0704037
550 Gallon Tank Removal

PCB's as AROCLORS SW-846 METHOD 8082
Table 4

Client Sample ID:		**SCOs**	**550-B**	**550-E**	**550-N**	**550-S**
Sample Location			**Bottom**	**East**	**North**	**South**
Sampling Depth			**10'**	**10'**	**10'**	**10'**
Sampling Date:			**04/26/2011**	**04/26/2011**	**04/26/2011**	**04/26/2011**
Analyte:	**Units:**					
Aroclor 1016	PPM	1	ND	ND	ND	ND
Aroclor 1221	PPM	1	ND	ND	ND	ND
Aroclor 1232	PPM	1	ND	ND	ND	ND
Aroclor 1242	PPM	1	ND	ND	ND	ND
Aroclor 1248	PPM	1	ND	ND	ND	ND
Aroclor 1254	PPM	1	ND	ND	ND	ND
Aroclor 1260	PPM	1	ND	ND	ND	0.0021J
Aroclor 1262	PPM	1	ND	ND	ND	ND
Aroclor 1268	PPM	1	ND	ND	0.0023J	ND

Notes:
ND - Not detected
J- Estimated Concentration
SCOs- Commercial Soil Cleanup Objectives as per Part 375-6.8(b)

211-08 Northern Blvd
Bayside, NY
NYSDEC #0704037

Volatile Organic Chemicals for Soils
EPA Method 8260
Table 5

Client Sample ID:		**SCOs**	**211-08**	**211-08**	**211-08**	**211-08**	**211-08**
Sample Location			**Center**	**North**	**South**	**East**	**West**
Sample Depth			**20'**	**15'**	**20'**	**15'**	**20'**
Sampling Date:			**05/12/2011**	**05/12/2011**	**05/12/2011**	**05/12/2011**	**05/12/2011**
Analyte:	**Units:**						
1,1,1,2-Tetrachloroethane	PPM	NA	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	PPM	500	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	PPM	0.6	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	PPM	6	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	PPM	NA	ND	ND	ND	ND	ND
1,1-Dichloroethane	PPM	240	ND	ND	ND	ND	ND
1,1-Dichloroethene	PPM	500	ND	ND	ND	ND	ND
1,1-Dichloropropene	PPM	NA	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	PPM	NA	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	PPM	0.4	ND	ND	ND	ND	ND
1,2,4,5-Tetramethylbenzene	PPM	10	0.0019J	0.3	0.0018J	1.4	0.0082
1,2,4-Trichlorobenzene	PPM	190	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	PPM	3.6	ND	0.15	ND	0.24	0.00079J
1,2-Dibromo-3-chloropropane	PPM	NA	ND	ND	ND	ND	ND
1,2-Dibromoethane	PPM	NA	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	PPM	500	ND	0.014	ND	0.021	ND
1,2-Dichloroethane	PPM	30	ND	ND	ND	ND	ND
1,2-Dichloropropane	PPM	NA	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	PPM	8.4	ND	0.00011	ND	0.2	0.0043J
1,3-Dichlorobenzene	PPM	280	ND	ND	ND	0.0025J	ND
1,3-dichloropropane	PPM	0.3	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	PPM	130	ND	0.002J	ND	0.0039J	ND
1,4-Dioxane	PPM	130	ND	ND	ND	ND	ND
2,2-Dichloropropane	PPM	NA	ND	ND	ND	ND	ND
2-Butanone	PPM	0.3	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	PPM	NA	ND	ND	ND	ND	ND
2-Chlorotoluene	PPM	NA	ND	ND	ND	ND	ND
2-Hexanone	PPM	NA	ND	ND	ND	ND	ND
2-Propanol	PPM	NA	ND	ND	ND	ND	ND
4-Chlorotoluene	PPM	NA	ND	ND	ND	ND	ND
4-Isopropyltoluene	PPM	10	ND	0.039	ND	0.065	0.0012
4-Methyl-2-pentanone	PPM	1.0	ND	ND	ND	ND	ND
Acetone	PPM	500	ND	ND	ND	ND	ND
Acrolein	PPM	NA	ND	ND	ND	ND	ND
Acrylonitrile	PPM	NA	ND	ND	ND	ND	ND
Benzene	PPM	0.06	ND	ND	ND	ND	ND
Bromobenzene	PPM	NA	ND	ND	ND	ND	ND
Bromochloromethane	PPM	NA	ND	ND	ND	ND	ND
Bromodichloromethane	PPM	NA	ND	ND	ND	ND	ND
Bromoform	PPM	NA	ND	ND	ND	ND	ND
Bromomethane	PPM	NA	ND	ND	ND	ND	ND
Carbon disulfide	PPM	2.7	ND	ND	ND	ND	ND
Carbon tetrachloride	PPM	22	ND	ND	ND	ND	ND
Chlorobenzene	PPM	500	ND	ND	ND	ND	ND
Chlorodifluoromethane	PPM	NA	ND	ND	ND	ND	ND
Chloroethane	PPM	1.9	ND	ND	ND	ND	ND
Chloroform	PPM	350	ND	ND	ND	ND	ND
Chloromethane	PPM	NA	ND	ND	ND	ND	ND

211-08 Northern Blvd
Bayside, NY
NYSDEC #0704037

Volatile Organic Chemicals for Soils
EPA Method 8260
Table 5

Client Sample ID:		**SCOs**	**211-08**	**211-08**	**211-08**	**211-08**	**211-08**
Sample Location			**Center**	**North**	**South**	**East**	**West**
Sample Depth			**20'**	**15'**	**20'**	**15'**	**20'**
Sampling Date:			**05/12/2011**	**05/12/2011**	**05/12/2011**	**05/12/2011**	**05/12/2011**
Analyte:	**Units:**						
cis-1,2-Dichloroethene	PPM	500	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	PPM	NA	ND	ND	ND	ND	ND
Dibromochloromethane	PPM	NA	ND	ND	ND	ND	ND
Dibromomethane	PPM	NA	ND	ND	ND	ND	ND
Dichlorodifluoromethane	PPM	NA	ND	ND	ND	ND	ND
Diisopropyl ether	PPM	NA	ND	ND	ND	ND	ND
Ethanol	PPM	NA	ND	ND	ND	ND	ND
Ethyl acetate	PPM	NA	ND	ND	ND	ND	ND
Ethylbenzene	PPM	1	ND	0.0048J	ND	0.028	ND
Freon-114	PPM	NA	ND	ND	ND	ND	ND
Hexachlorobutadiene	PPM	NA	ND	ND	ND	ND	ND
Isopropyl acetate	PPM	NA	ND	ND	ND	ND	ND
Isopropylbenzene	PPM	2.3	ND	0.006	ND	0.017	ND
m,p-Xylene	PPM	0.26	ND	0.048	ND	0.21	ND
Methyl Acetate	PPM	NA	ND	ND	ND	ND	ND
Methyl tert-butyl ether	PPM	0.93	ND	ND	ND	ND	ND
Methylene chloride	PPM	500	0.0083B	0.0087B	0.0071B	0.0075B	0.0094
n-Amyl acetate	PPM	NA	ND	ND	ND	ND	ND
Naphthalene	PPM	12	ND	0.08	ND	0.12	0.0011J
n-Butyl acetate	PPM	NA	ND	ND	ND	ND	ND
n-Butylbenzene	PPM	12	ND	0.017	ND	0.032	ND
n-Propyl acetate	PPM	NA	ND	ND	ND	ND	ND
n-Propylbenzene	PPM	3.9	ND	12	ND	0.032	ND
o-Xylene	PPM	0.26	ND	0.047	ND	0.2	0.0036J
p-Diethylbenzene	PPM	NA	0.00097J	0.2	ND	0.8	0.0062
p-Ethyltoluene	PPM	NA	ND	0.16	ND	0.250J	0.0037
sec-Butylbenzene	PPM	11	ND	0.011	ND	0.019	ND
Styrene	PPM	NA	ND	ND	ND	ND	ND
t-Butyl alcohol	PPM	NA	ND	ND	ND	ND	ND
tert-Butylbenzene	PPM	5.9	ND	ND	ND	ND	ND
Tetrachloroethene	PPM	150	ND	0.00059J	ND	0.0016J	0.00059J
Toluene	PPM	0.7	ND	0.0059	ND	0.033	ND
trans-1,2-Dichloroethene	PPM	500	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	PPM	NA	ND	ND	ND	ND	ND
Trichloroethene	PPM	200	ND	ND	ND	ND	ND
Trichlorofluoromethane	PPM	NA	ND	ND	ND	ND	ND
Vinyl acetate	PPM	NA	ND	ND	ND	ND	ND
Vinyl chloride	PPM	13	ND	ND	ND	ND	ND

Notes:
All results in ppm
ND - Not detected
NA-Not Available
J- Estimated Concentration
B- Analyte detected in blank
Blue SCOs- Commercial Soil Cleanup Objectives as per Part 375-6.8(b)
Black SCOs- CP-51

211-08 Northern Blvd
Bayside, NY
NYSDEC #0704037

Semi Volatile Organic Chemicals (SVOCs) for Soils
EPA Method 8270
Table 6

Client Sample ID:		**SCOs**	**211-08C**	**211-08**	**211-08**	**211-08**	**211-08**
Sample Location			**Center**	**North**	**South**	**East**	**West**
Sample Depth			**20'**	**15'**	**20'**	**15'**	**20'**
Sampling Date:			**05/12/2011**	**05/12/2011**	**05/12/2011**	**05/12/2011**	**05/12/2011**
Analyte:	**Units:**						
Acenaphthene	PPM	20	ND	0.036J	ND	0.042J	ND
Acenaphthylene	PPM	100	ND	ND	ND	ND	ND
Anthracene	PPM	100	ND	ND	ND	ND	ND
Benzo(a)anthracene	PPM	1	0.034J	ND	ND	0.043J	ND
Benzo(a)pyrene	PPM	1	0.030J	ND	ND	0.033J	ND
Benzo(b)fluoranthene	PPM	1	ND	ND	ND	0.028J	ND
Benzo(g,h,i)perylene	PPM	100	ND	ND	ND	0.049J	0.110J
Benzo(k)fluoranthene	PPM	0.8	ND	ND	ND	ND	ND
Chrysene	PPM	1	0.033J	0.040J	ND	0.031J	ND
Dibenzo(a,h)anthracene	PPM	0.33	ND	ND	ND	ND	ND
Fluoranthene	PPM	100	0.062J	0.032	ND	0.060J	ND
Fluorene	PPM	30	ND	0.074J	ND	0.075J	ND
Indeno(1,2,3-c,d)pyrene	PPM	0.5	ND	ND	ND	ND	ND
Phenanthrene	PPM	100	0.035J	0.1J	ND	0.120J	ND
Pyrene	PPM	100	0.062J	0.095J	ND	0.086JJ	ND

Notes:
ND - Not detected
J- Estimated Concentration
SCOs-CP-51

Attachment A
Photos

Photo 1
550 -gallon waste oil tank

Photo 2
Close-up of waste oil tank

Photo 3
Shoring of excavation (inner excavation box)

Photo 4
Waste oil tank in relation to inner excavation box

Photo 5
Hydraulic lifts and reservoir tanks removed from inner box

Attachment B
Manifest

Profile: 113070636
Site ID: 307

Clean Earth of Carteret

Profile GTN

Transactions from 05/11/2011 through 05/12/2011
Inbound and Outbound Tickets
Third Party and Intercompany Customers
Sent and Unsent Tickets
Full Details

Ticket	Date	Truck	In / Out	Manifest	Customer	Gross	Tare	Net
113070636 - Delta Contracting, Inc.					Global Job Number: 119188			
307000169201	05/12/11	HPI9	I	466044	BRO757-BROOKSIDE ENVIRONMENTAL INC	47.26	13.62	33.64
307000169203	05/12/11	HPI4	I	466045	BRO757-BROOKSIDE ENVIRONMENTAL INC	44.20	13.24	30.96
307000169205	05/12/11	CHARLIE2	I	466046	BRO757-BROOKSIDE ENVIRONMENTAL INC	42.97	12.56	30.41
307000169284	05/12/11	SHIRLEY16	I	538139	BRO757-BROOKSIDE ENVIRONMENTAL INC	48.03	12.81	35.22
307000169285	05/12/11	SHIRLEY1	I	538140	BRO757-BROOKSIDE ENVIRONMENTAL INC	47.17	13.00	34.17
307000169286	05/12/11	SHIRLEY5	I	538141	BRO757-BROOKSIDE ENVIRONMENTAL INC	46.33	13.76	32.57
113070636 - Delta Contracting, Inc.								196.97
6 tickets								

Report Grand Totals

196.97

6 tickets

CLEANEARTH

Manifest # 466044

GLOBAL JOB NUMBER: 119188 FACILITY APPROVAL NUMBER: 113070636

Please Check One:

- [x] Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- [ ] Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- [ ] Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- [ ] Other
- [ ] Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- [ ] Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- [ ] Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
Delta Contracting, Inc.	TARE WEIGHT: ☐Tons ☐Yards	
211-08 Northern Blvd Bayside, New York	NET WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE: 516-852-1631		

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Soil with hydraulic oil / Sample # 21108-1

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.

Name: Paul Kim Title: Boss

Signature: [signature] Date and Time: May 11 / 2011

TRANSPORTER

Company: Harris Paving Inc Phone Number: (973) 583-1166

Address: Harleysville, PA Truck # and License Plate: AF-77680 (PA)

Driver: Jesus Castro SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [signature] Date and Time: 5/11/11

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [signature] Date and Time:

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [signature] Date and Time: 5/11/11

FACILITY

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 307000169201

	Date	Time	Scale
In:	5/12/2011	07:43:30	Manual W
Out:	5/12/2011	07:44:05	P.T.

	Lbs	Tns
Gross:	94520	47.26
Tare:	27240	13.62
Net:	67280	33.64

Manifest: 466044
Vehicle ID: HPI9

Customer: BROOKSIDE ENVIRONMENTAL I

Facility Approval#: 113070636

Generator: Delta Contracting, Inc.
Gen Address: 43-01 37th Street
Long Island City, NY 11101

Job Name: Delta Contracting, Inc.
Job Address: 211-08 Northern Boulevard
Bayside, NY 11361

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment Type II	33.64	Tns

Contaminate Type: 2 Oil
Treatment Type: Bio
Fac Waste Code: NJ DEP ID 27

Comment:

Driver: _____
Jesus

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 466045

GLOBAL JOB NUMBER: 119188 FACILITY APPROVAL NUMBER: 113070636

Please Check One:

- [x] Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- [ ] Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- [ ] Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- [ ] Other
- [ ] Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- [ ] Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- [ ] Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: Delta Contracting, Inc. 211-08 Northern Blvd Bayside, New York

GENERATOR'S PHONE: 516-852-1631

GROSS WEIGHT: [ ] Tons [ ] Yards

TARE WEIGHT: [ ] Tons [ ] Yards

NET WEIGHT: [ ] Tons [ ] Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION Soil with hydraulic oil / Sample # 21108-1

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.

Name: Kay Kim Title: Bog

Signature: [signature] Date and Time: May. 11. 2011

TRANSPORTER

Company: Harris Paving, Inc. Phone Number:

Address: Harleysville, PA Truck # and License Plate: AF-63844 (PA) #4

Driver: Cristian Zapata. SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Cristian Zapata Date and Time: 11/05/11

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [signature] Date and Time:

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: UB Date and Time: 5/11/11

FACILITY

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 3070001692203

	Date	Time	Scale
In:	5/12/2011	07:45:29	Manual W
Out:	5/12/2011	07:45:45	P.T.

	Lbs	Tns
Gross:	88400	44.20
Tare:	26480	13.24
Net:	61920	30.96

Manifest: 466045
Vehicle ID: HPI4

Customer: BROOKSIDE ENVIRONMENTAL I

Facility Approval#: 113070636

Generator: Delta Contracting, Inc.
Gen Address: 43-01 37th Street
Long Island City, NY 11101

Job Name: Delta Contracting, Inc.
Job Address: 211-08 Northern Boulevard
Bayside, NY 11361

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment Type II	30.96	Tns

Contaminate Type: 2 Oil
Treatment Type: Bio
Fac Waste Code: NJ DEP ID 27

Comment:

Driver: _____
Cristian

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 466046

GLOBAL JOB NUMBER: 119188 FACILITY APPROVAL NUMBER: 113070636

Please Check One:

- [x] Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- [ ] Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- [ ] Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- [ ] Other
- [ ] Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- [ ] Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- [ ] Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: Delta Contracting, Inc. 211-08 Northern Blvd Bayside, New York

GENERATOR'S PHONE: 516-852-1631

GROSS WEIGHT: [ ] Tons [ ] Yards

TARE WEIGHT: [ ] Tons [ ] Yards

NET WEIGHT: [ ] Tons [ ] Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Soil with hydraulic oil / Sample # 21108-1

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.

Name: [signature] Title: Boss

Signature: [signature] Date and Time: 5/11/11

TRANSPORTER

Company: Charlies Paving Phone Number:

Address: Hackettstown, NJ Truck # and License Plate: AL-6525 (NJ) CP-2

Driver: Pablo A Salvage SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Pablo A Salvage Date and Time: May 11, 2011

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time:

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Pablo Salvage (WB) Date and Time: 5/11/11

FACILITY

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105.

Ticket: 3070001692005

	Date	Time	Scale
In:	5/12/2011	07:48:56	Manual W
Out:	5/12/2011	07:49:15	P.T.

	Lbs	Tns
Gross:	85940	42.97
Tare:	25120	12.56
Net:	60820	30.41

Manifest: 466046
Vehicle ID: CHARLIE2

Customer: BROOKSIDE ENVIRONMENTAL I

Facility Approval#: 113070636

Generator: Delta Contracting, Inc.
Gen Address: 43-01 37th Street
Long Island City, NY 11101

Job Name: Delta Contracting, Inc.
Job Address: 211-08 Northern Boulevard
Bayside, NY 11361

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment Type II	30.41	Tns

Contaminate Type: 2 Oil
Treatment Type: Bio
Fac Waste Code: NJ DEP ID 27

Comment:

Driver: _____
P

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 538139

GLOBAL JOB NUMBER: 119188 FACILITY APPROVAL NUMBER: 113070636

Please Check One:

- ☐ Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- ☐ Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- ☐ Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- ☐ Other
- ☐ Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- ☐ Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- ☐ Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: Richard Taylor Delta Contracting Assoc. 211-08 Northern Blvd. Bayside, NY	GROSS WEIGHT: ☐Tons ☐Yards	
	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE: (516) 852-1631	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

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.

Name: Carroll [illegible] Title: Bo/S

Signature: [illegible] Date and Time: 5/12/11

TRANSPORTER

Company: Shirley Exp. Phone Number: 973-640-2760

Address: 351 17th 5th St Truck # and License Plate: AN 931 F #16

Driver: Newark NJ 07107 SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [illegible] Date and Time: [illegible] 5/12/11 8:AM

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [illegible] Date and Time: 5/12/11 8:AM

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [illegible] Date and Time: 5/12/11

FACILITY

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 307000169284

	Date	Time	Scale
In:	5/12/2011	11:04:44	Scale 1
Out:	5/12/2011	11:11:00	P.T.

	Lbs	Tns
Gross:	96060	48.03
Tare:	25620	12.81
Net:	70440	35.22

Manifest: 538139
Vehicle ID: SHIRLEY16

Customer: BROOKSIDE ENVIRONMENTAL I

Facility Approval#: 113070636
Job Name: Delta Contracting, Inc.
Job Address: 211-08 Northern Boulevard
Bayside, NY 11361

Generator: Delta Contracting, Inc.
Gen Address: 43-01 37th Street
Long Island City, NY 11101

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment Type II	35.22	Tns

Contaminate Type: 2 Oil
Treatment Type: Bio
Fac Waste Code: NJ DEP ID 27

Comment:

Driver: _____

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 538140

GLOBAL JOB NUMBER: 119188 FACILITY APPROVAL NUMBER: 113070636

Please Check One:

- ☐ Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- ☐ Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- ☐ Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- ☐ Other
- ☐ Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- ☐ Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- ☐ Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: Richard Taylor Delta Contracting Assoc. 211-08 Northern Blvd. Bayside, NY	GROSS WEIGHT: ☐Tons ☐Yards	
	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE: (516) 852-1631	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

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.

Name: Kayel Kim Title: Rolly

Signature: [illegible] Date and Time: 5/12/11

TRANSPORTER

Company: Shirley Express. Phone Number:

Address: 351 Hth 5th St Truck # and License Plate: AH 344 V # 0[illegible]

Driver: Angel. SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: x Angel Velarde Date and Time: 5/12/11

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: x Angel Velarde Date and Time:

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [illegible] Date and Time: 5/12/11

FACILITY

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 307000169205

	Date	Time	Scale
In:	5/12/2011	11:05:42	Scale 1
Out:	5/12/2011	11:12:56	P.T.

	Lbs	Tns
Gross:	94340	47.17
Tare:	26000	13.00
Net:	68340	34.17

Manifest: 538140
Vehicle ID: SHIRLEY1

Customer: BROOKSIDE ENVIRONMENTAL I
Facility Approval#: 113070636
Generator: Delta Contracting, Inc.
Job Name: Delta Contracting, Inc.
Gen Address: 43-01 37th Street
Long Island City, NY 11101
Job Address: 211-08 Northern Boulevard
Bayside, NY 11361

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment Type II	34.17	Tns

Contaminate Type: 2 Oil
Treatment Type: Bio
Fac Waste Code: NJ DEP ID 27

Comment:

Driver: _____
Angel

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 538141

GLOBAL JOB NUMBER: 119188 **FACILITY APPROVAL NUMBER:** 113070636

Please Check One:

- ☐ Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- ☐ Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- ☐ Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- ☐ Other
- ☐ Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- ☐ Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- ☐ Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: Richard Taylor Delta Contracting Assoc. 211-08 Northern Blvd. Bayside, NY	GROSS WEIGHT: ☐Tons ☐Yards	
	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE: (516) 852-1631	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

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.

Name: Karyll [illegible] Title: Boss

Signature: [illegible] Date and Time: 5/12/11

TRANSPORTER

Company: Shirley Express. Phone Number:

Address: 351 Nth 5th St Newark NJ Truck # and License Plate: AH 314 V # 05

Driver: Luis. SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [illegible] Date and Time: 5/12/11

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [illegible] Date and Time:

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [illegible] Date and Time: 5/12/11

FACILITY

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 30700016/9286

	Date	Time	Scale
In:	5/12/2011	11:11:24	Scale 1
Out:	5/12/2011	11:16:22	P.T.

	Lbs	Tns
Gross:	92660	46.33
Tare:	27520	13.76
Net:	65140	32.57

Manifest: 538141
Vehicle ID: SHIRLEY5

Customer: BROOKSIDE ENVIRONMENTAL I

Facility Approval#: 113070636
Job Name: Delta Contracting, Inc.
Job Address: 211-08 Northern Boulevard
Bayside, NY 11361

Generator: Delta Contracting, Inc.
Gen Address: 43-01 37th Street
Long Island City, NY 11101

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment Type II	32.57	Tns

Contaminate Type: 2 Oil
Treatment Type: Bio
Fac Waste Code: NJ DEP ID 27

Comment:

Driver: _____
luis

Facility: _____
Lukasz Ceglarek

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number
2. Page 1 of
3. Emergency Response Phone: 845 279 0263
4. Waste Tracking Number: 119382

5. Generator's Name and Mailing Address
Generator's Site Address (if different than mailing address): 211-08 Northern Blvd. Bayside, NY
Generator's Phone:

6. Transporter 1 Company Name: Enviro Waste Oil — U.S. EPA ID Number: NYD044825260
7. Transporter 2 Company Name — U.S. EPA ID Number:
8. Designated Facility Name and Site Address: Enviro Waste Oil, 279 Rt 6, Mahopac, NY 10541 — U.S. EPA ID Number: NYD044825260
Facility's Phone: 845 279 0263

	9. Waste Shipping Name and Description	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Petroleum Contaminated Water, Non Regulated Non R.C.R.A.	001	TT	000	9
2.	Petroleum contaminated Sludge Non RCRA	001	TT	25	9
3.					
4.					

13. Special Handling Instructions and Additional Information
9A. C202

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: D Henry Mole as agent for generator — Signature: — Month 4 Day 26 Year 20

INTL. 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: Doug Clarke — Signature: — Month 4 Day 26 Year 20
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: Ryan Connolly — Signature: — Month 04 Day 26 Year 11

168-BLC-O 5 11977 (Rev. 8/08) DESIGNATED FACILITY TO GENERATOR

TNT SCRAP METAL

340 Maspeth Ave. Brooklyn, NY 11211
(718) 366-0717 Lic# 1208769

Ticket # : T15072
Started : 4/26/2011 12:03:39 PM

Customer : 2602
BROOKSIDE

Item	Gross	Tare	Net	Subtotal
Steel # 1	42,840	38,740	4,100	

211-08 Northern Blvd,

1 Item(s)

Total Weight	Total Paid
4,100	

The seller of this scrap metal states that it is not stolen

Attachment C
Analytical Analysis

AMERICAN ANALYTICAL LABORATORIES

NYSDOH 11418
NJDEP NY050
CTDOH PH-0205
PADEP 68-00573

Friday, April 29, 2011

Jim DeMartinis
J.R. Holzmacher P.E. LLC
300 Wheeler Road, Suite 402
Hauppauge, NY 11788

TEL: (631) 234-2220
FAX (631) 234-2221

RE: 211-08 Northern Blvd.

Order No.: 1104287

Dear Jim DeMartinis:

American Analytical Laboratories, LLC. received 4 sample(s) on 4/26/2011 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. This package has been reviewed by American Analytical Laboratories' QA Department/Laboratory Director to comply with NELAC standards prior to report submittal. This report consists of 41 pages.

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
Lab Director

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735
(631) 454-6100 • FAX: (631) 454-8027

American Analytical Laboratories, LLC.

Date: *29-Apr-11*

CLIENT: J.R. Holzmacher P.E. LLC
Project: 211-08 Northern Blvd.
Lab Order: 1104287

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date Collected	Date Received
1104287-01A	550-B	4/26/2011 2:00:00 PM	4/26/2011
1104287-01B	550-B	4/26/2011 2:00:00 PM	4/26/2011
1104287-02A	550-E	4/26/2011 2:00:00 PM	4/26/2011
1104287-02B	550-E	4/26/2011 2:00:00 PM	4/26/2011
1104287-03A	550-N	4/26/2011 2:00:00 PM	4/26/2011
1104287-03B	550-N	4/26/2011 2:00:00 PM	4/26/2011
1104287-04A	550-S	4/26/2011 2:00:00 PM	4/26/2011
1104287-04B	550-S	4/26/2011 2:00:00 PM	4/26/2011

AMERICAN ANALYTICAL LABORATORIES
56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735
(631) 454-6100 • FAX (631) 454-8027
www.american-analytical.com

NYSDOH	11418
CTDOH	PH-0205
NJDEP	NY050
PADEP	68-573

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS: J. R. Holzmacher PECLC

CONTACT: Jim D

SAMPLER (SIGNATURE):

SAMPLER NAME (PRINT): Steve Uccellini

SAMPLE(S) SEALED: YES / NO

CORRECT CONTAINER(S): YES / NO

TEMPERATURE (° C): 5.6

PROJECT LOCATION: 211-08 Northern Blvd.

ANALYSIS REQUIRED: 8260 full; 8270 STAN; PCB-8082; RCRA

LABORATORY ID# LAB USE ONLY	MATRIX/ TYPE	NO. OF CONTAINERS	SAMPLING DATE	SAMPLING TIME	SAMPLE # - LOCATION	8260 full	8270 STAN	PCB-8082	RCRA
1104287-01AB	S	2	4/26/11	2 pm	550-B	X	X	X	X
02AB	S	2	4/26/11	2 pm	550-E	X	X	X	X
03AB	S	2	4/26/11	2 pm	550-N	X	X	X	X
04AB	S	2	4/26/11	2 pm	550-S	X	X	X	X
	S								
	S								
	S								
	S								

COMMENTS / INSTRUCTIONS

Samples must be on ICE (<6° C)

MATRIX S=SOIL; W=WATER; SL=SLUDGE; A=AIR; M=MISCELLANEOUS
TYPE G=GRAB; C=COMPOSITE

TURNAROUND REQUIRED: STANDARD ☒ (7-10 business days) STAT ☐ BY / /

E-MAIL ADDRESS FOR RESULTS: jimd@holzmacher.com

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
	4/26/11 3 pm	Steve Uccellini	Karen Kelly	4/26/11 15:00	K Kelly
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

American Analytical Laboratories, LLC.

Sample Receipt Checklist

Client Name **HOLZMACHER** Date and Time Receive **4/26/2011 4:11:58 PM**

Work Order Numbe **1104287** RcptNo: 1 Received by **KK**

COC_ID: CoolerID:

Checklist completed by Signature 4/26/11 Date Reviewed by Initials 4/27/11 Date

Matrix: Carrier name Courier

Shipping container/cooler in good condition?	Yes ✓	No	Not Presen
Custody seals intact on shippping container/cooler?	Yes	No	Not Presen ✓
Custody seals intact on sample bottles?	Yes	No	Not Presen ✓
Chain of custody present?	Yes ✓	No	
Chain of custody signed when relinquished and received?	Yes ✓	No	
Chain of custody agrees with sample labels?	Yes ✓	No	
Samples in proper container/bottle?	Yes ✓	No	
Sample containers intact?	Yes ✓	No	
Sufficient sample volume for indicated test?	Yes ✓	No	
All samples received within holding time?	Yes ✓	No	
Container/Temp Blank temperature in compliance?	Yes ✓	No	
Water - VOA vials have zero headspace?	No VOA vials submitted ✓	Yes	No
Water - pH acceptable upon receipt?	Yes	No	N/A

Adjusted? Checked b

Any No and/or NA (not applicable) response must be detailed in the comments section be

Client contacted Date contacted: Person contacted

Contacted by: Regarding:

Comments:

Corrective Action

American Analytical Laboratories, LLC.

Date: *29-Apr-11*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	550-B
Lab Order:	1104287	**Collection Date:**	4/26/2011 2:00:00 PM
Project:	211-08 Northern Blvd.	**Matrix:**	SOIL
Lab ID:	1104287-01A		

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	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
1,1,1-Trichloroethane	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
1,1,2,2-Tetrachloroethane	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
1,1,2-Trichloroethane	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
1,1-Dichloroethane	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
1,1-Dichloroethene	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
1,1-Dichloropropene	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
1,2,3-Trichlorobenzene	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
1,2,3-Trichloropropane	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
1,2,4,5-Tetramethylbenzene	2.3	0.56	5.6	J	µg/Kg-dry	1	4/27/2011 12:41:00 PM
1,2,4-Trichlorobenzene	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
1,2,4-Trimethylbenzene	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
1,2-Dibromo-3-chloropropane	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
1,2-Dibromoethane	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
1,2-Dichlorobenzene	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
1,2-Dichloroethane	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
1,2-Dichloropropane	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
1,3,5-Trimethylbenzene	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
1,3-Dichlorobenzene	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
1,3-dichloropropane	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
1,4-Dichlorobenzene	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
1,4-Dioxane	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
2,2-Dichloropropane	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
2-Butanone	U	1.67	5.6	C	µg/Kg-dry	1	4/27/2011 12:41:00 PM
2-Chloroethyl vinyl ether	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
2-Chlorotoluene	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
2-Hexanone	U	1.67	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
2-Propanol	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
4-Chlorotoluene	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
4-Isopropyltoluene	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
4-Methyl-2-pentanone	U	1.67	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
Acetone	U	1.67	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *29-Apr-11*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	550-B
Lab Order:	1104287	**Collection Date:**	4/26/2011 2:00:00 PM
Project:	211-08 Northern Blvd.	**Matrix:**	SOIL
Lab ID:	1104287-01A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
Acrolein	U	2.79	11		µg/Kg-dry	1	4/27/2011 12:41:00 PM
Acrylonitrile	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
Benzene	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
Bromobenzene	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
Bromochloromethane	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
Bromodichloromethane	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
Bromoform	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
Bromomethane	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
Carbon disulfide	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
Carbon tetrachloride	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
Chlorobenzene	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
Chlorodifluoromethane	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
Chloroethane	U	0.56	5.6	C	µg/Kg-dry	1	4/27/2011 12:41:00 PM
Chloroform	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
Chloromethane	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
cis-1,2-Dichloroethene	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
cis-1,3-Dichloropropene	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
Dibromochloromethane	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
Dibromomethane	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
Dichlorodifluoromethane	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
Diisopropyl ether	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
Ethanol	U	2.79	11		µg/Kg-dry	1	4/27/2011 12:41:00 PM
Ethyl acetate	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
Ethylbenzene	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
Freon-114	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
Hexachlorobutadiene	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
Isopropyl acetate	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
Isopropylbenzene	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
m,p-Xylene	U	1.12	11		µg/Kg-dry	1	4/27/2011 12:41:00 PM
Methyl Acetate	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
Methyl tert-butyl ether	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
Methylene chloride	9.6	0.56	5.6	B	µg/Kg-dry	1	4/27/2011 12:41:00 PM
n-Amyl acetate	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *29-Apr-11*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	550-B
Lab Order:	1104287	**Collection Date:**	4/26/2011 2:00:00 PM
Project:	211-08 Northern Blvd.	**Matrix:**	SOIL
Lab ID:	1104287-01A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: LA
Naphthalene	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
n-Butyl acetate	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
n-Butylbenzene	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
n-Propyl acetate	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
n-Propylbenzene	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
o-Xylene	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
p-Diethylbenzene	1.1	0.56	5.6	J	µg/Kg-dry	1	4/27/2011 12:41:00 PM
p-Ethyltoluene	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
sec-Butylbenzene	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
Styrene	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
t-Butyl alcohol	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
tert-Butylbenzene	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
Tetrachloroethene	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
Toluene	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
trans-1,2-Dichloroethene	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
trans-1,3-Dichloropropene	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
Trichloroethene	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
Trichlorofluoromethane	U	0.56	5.6	C	µg/Kg-dry	1	4/27/2011 12:41:00 PM
Vinyl acetate	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
Vinyl chloride	U	0.56	5.6		µg/Kg-dry	1	4/27/2011 12:41:00 PM
Surr: 4-Bromofluorobenzene	91.5	0	64-132		%REC	1	4/27/2011 12:41:00 PM
Surr: Dibromofluoromethane	96.0	0	66-131		%REC	1	4/27/2011 12:41:00 PM
Surr: Toluene-d8	94.7	0	54-132		%REC	1	4/27/2011 12:41:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *29-Apr-11*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	550-B
Lab Order:	1104287	**Collection Date:**	4/26/2011 2:00:00 PM
Project:	211-08 Northern Blvd.	**Matrix:**	SOIL
Lab ID:	1104287-01B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
MERCURY			**SW7471B**		**SW7471B**		Analyst: **AH**
Mercury	0.0216	0.006	0.0111		mg/Kg-dry	1	4/28/2011 12:41:27 PM
PCB'S AS AROCLORS SW-846 METHOD 8082			**SW8082A**		**SW3550**		Analyst: **SB**
Aroclor 1016	U	1.10	88		µg/Kg-dry	1	4/27/2011 8:45:00 PM
Aroclor 1221	U	1.10	88		µg/Kg-dry	1	4/27/2011 8:45:00 PM
Aroclor 1232	U	1.10	88		µg/Kg-dry	1	4/27/2011 8:45:00 PM
Aroclor 1242	U	1.10	88		µg/Kg-dry	1	4/27/2011 8:45:00 PM
Aroclor 1248	U	1.10	88		µg/Kg-dry	1	4/27/2011 8:45:00 PM
Aroclor 1254	U	1.10	88		µg/Kg-dry	1	4/27/2011 8:45:00 PM
Aroclor 1260	U	1.10	88		µg/Kg-dry	1	4/27/2011 8:45:00 PM
Aroclor 1262	U	1.10	88		µg/Kg-dry	1	4/27/2011 8:45:00 PM
Aroclor 1268	U	1.10	88		µg/Kg-dry	1	4/27/2011 8:45:00 PM
Surr: TCX	73.2	0	17-151		%REC	1	4/27/2011 8:45:00 PM
Surr: DCB	74.4	0	16-152		%REC	1	4/27/2011 8:45:00 PM
PERCENT MOISTURE			**D2216**				Analyst: **KK**
Percent Moisture	9.63	0	0		wt%	1	4/27/2011
RCRA METALS			**SW6010C**		**SW3050A**		Analyst: **JP**
Arsenic	2.69	0.22	0.538		mg/Kg-dry	1	4/28/2011 1:57:35 PM
Barium	34.2	0.22	0.431		mg/Kg-dry	1	4/28/2011 1:57:35 PM
Cadmium	U	0.11	0.431		mg/Kg-dry	1	4/28/2011 1:57:35 PM
Chromium	18.2	0.11	0.431		mg/Kg-dry	1	4/28/2011 1:57:35 PM
Lead	15.5	0.22	0.431		mg/Kg-dry	1	4/28/2011 1:57:35 PM
Selenium	0.215	0.22	0.538	J	mg/Kg-dry	1	4/28/2011 1:57:35 PM
Silver	U	0.11	0.431		mg/Kg-dry	1	4/28/2011 1:57:35 PM
SEMIVOLATILE SW-846 METHOD 8270 (FUEL)			**SW8270D**		**SW3550C**		Analyst: **LDS**
Acenaphthene	U	27.4	270		µg/Kg-dry	1	4/28/2011 5:16:00 PM
Acenaphthylene	U	27.4	270		µg/Kg-dry	1	4/28/2011 5:16:00 PM
Anthracene	U	27.4	270		µg/Kg-dry	1	4/28/2011 5:16:00 PM
Benzo(a)anthracene	56	27.4	270	J	µg/Kg-dry	1	4/28/2011 5:16:00 PM
Benzo(a)pyrene	57	27.4	270	J	µg/Kg-dry	1	4/28/2011 5:16:00 PM
Benzo(b)fluoranthene	53	27.4	270	J	µg/Kg-dry	1	4/28/2011 5:16:00 PM
Benzo(g,h,i)perylene	79	27.4	270	J	µg/Kg-dry	1	4/28/2011 5:16:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *29-Apr-11*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	550-B
Lab Order:	1104287	**Collection Date:**	4/26/2011 2:00:00 PM
Project:	211-08 Northern Blvd.	**Matrix:**	SOIL
Lab ID:	1104287-01B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270 (FUEL)			**SW8270D**		**SW3550C**		Analyst: **LDS**
Benzo(k)fluoranthene	41	27.4	270	J	µg/Kg-dry	1	4/28/2011 5:16:00 PM
Chrysene	61	27.4	270	J	µg/Kg-dry	1	4/28/2011 5:16:00 PM
Dibenzo(a,h)anthracene	U	27.4	270		µg/Kg-dry	1	4/28/2011 5:16:00 PM
Fluoranthene	97	27.4	270	J	µg/Kg-dry	1	4/28/2011 5:16:00 PM
Fluorene	U	27.4	270		µg/Kg-dry	1	4/28/2011 5:16:00 PM
Indeno(1,2,3-c,d)pyrene	52	27.4	270	J	µg/Kg-dry	1	4/28/2011 5:16:00 PM
Phenanthrene	47	27.4	270	J	µg/Kg-dry	1	4/28/2011 5:16:00 PM
Pyrene	150	27.4	270	J	µg/Kg-dry	1	4/28/2011 5:16:00 PM
Surr: 2-Fluorobiphenyl	72.6	0	23-120		%REC	1	4/28/2011 5:16:00 PM
Surr: 4-Terphenyl-d14	83.2	0	23-128		%REC	1	4/28/2011 5:16:00 PM
Surr: Nitrobenzene-d5	87.9	0	18-116		%REC	1	4/28/2011 5:16:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

ACCREDITED IN ACCORDANCE WITH nelac

Qualifiers:	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *29-Apr-11*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	550-E
Lab Order:	1104287	**Collection Date:**	4/26/2011 2:00:00 PM
Project:	211-08 Northern Blvd.	**Matrix:**	SOIL
Lab ID:	1104287-02A		

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	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
1,1,1-Trichloroethane	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
1,1,2,2-Tetrachloroethane	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
1,1,2-Trichloroethane	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
1,1-Dichloroethane	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
1,1-Dichloroethene	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
1,1-Dichloropropene	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
1,2,3-Trichlorobenzene	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
1,2,3-Trichloropropane	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
1,2,4,5-Tetramethylbenzene	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
1,2,4-Trichlorobenzene	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
1,2,4-Trimethylbenzene	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
1,2-Dibromo-3-chloropropane	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
1,2-Dibromoethane	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
1,2-Dichlorobenzene	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
1,2-Dichloroethane	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
1,2-Dichloropropane	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
1,3,5-Trimethylbenzene	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
1,3-Dichlorobenzene	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
1,3-dichloropropane	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
1,4-Dichlorobenzene	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
1,4-Dioxane	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
2,2-Dichloropropane	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
2-Butanone	U	1.64	5.5	C	µg/Kg-dry	1	4/27/2011 1:12:00 PM
2-Chloroethyl vinyl ether	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
2-Chlorotoluene	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
2-Hexanone	U	1.64	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
2-Propanol	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
4-Chlorotoluene	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
4-Isopropyltoluene	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
4-Methyl-2-pentanone	U	1.64	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
Acetone	U	1.64	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *29-Apr-11*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	550-E
Lab Order:	1104287	**Collection Date:**	4/26/2011 2:00:00 PM
Project:	211-08 Northern Blvd.	**Matrix:**	SOIL
Lab ID:	1104287-02A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
Acrolein	U	2.73	11		µg/Kg-dry	1	4/27/2011 1:12:00 PM
Acrylonitrile	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
Benzene	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
Bromobenzene	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
Bromochloromethane	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
Bromodichloromethane	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
Bromoform	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
Bromomethane	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
Carbon disulfide	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
Carbon tetrachloride	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
Chlorobenzene	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
Chlorodifluoromethane	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
Chloroethane	U	0.55	5.5	C	µg/Kg-dry	1	4/27/2011 1:12:00 PM
Chloroform	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
Chloromethane	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
cis-1,2-Dichloroethene	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
cis-1,3-Dichloropropene	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
Dibromochloromethane	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
Dibromomethane	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
Dichlorodifluoromethane	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
Diisopropyl ether	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
Ethanol	U	2.73	11		µg/Kg-dry	1	4/27/2011 1:12:00 PM
Ethyl acetate	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
Ethylbenzene	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
Freon-114	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
Hexachlorobutadiene	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
Isopropyl acetate	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
Isopropylbenzene	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
m,p-Xylene	U	1.09	11		µg/Kg-dry	1	4/27/2011 1:12:00 PM
Methyl Acetate	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
Methyl tert-butyl ether	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
Methylene chloride	9.2	0.55	5.5	B	µg/Kg-dry	1	4/27/2011 1:12:00 PM
n-Amyl acetate	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *29-Apr-11*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	550-E
Lab Order:	1104287	**Collection Date:**	4/26/2011 2:00:00 PM
Project:	211-08 Northern Blvd.	**Matrix:**	SOIL
Lab ID:	1104287-02A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: LA
Naphthalene	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
n-Butyl acetate	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
n-Butylbenzene	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
n-Propyl acetate	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
n-Propylbenzene	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
o-Xylene	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
p-Diethylbenzene	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
p-Ethyltoluene	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
sec-Butylbenzene	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
Styrene	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
t-Butyl alcohol	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
tert-Butylbenzene	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
Tetrachloroethene	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
Toluene	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
trans-1,2-Dichloroethene	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
trans-1,3-Dichloropropene	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
Trichloroethene	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
Trichlorofluoromethane	U	0.55	5.5	C	µg/Kg-dry	1	4/27/2011 1:12:00 PM
Vinyl acetate	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
Vinyl chloride	U	0.55	5.5		µg/Kg-dry	1	4/27/2011 1:12:00 PM
Surr: 4-Bromofluorobenzene	88.8	0	64-132		%REC	1	4/27/2011 1:12:00 PM
Surr: Dibromofluoromethane	98.3	0	66-131		%REC	1	4/27/2011 1:12:00 PM
Surr: Toluene-d8	97.4	0	54-132		%REC	1	4/27/2011 1:12:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *29-Apr-11*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	550-E
Lab Order:	1104287	**Collection Date:**	4/26/2011 2:00:00 PM
Project:	211-08 Northern Blvd.	**Matrix:**	SOIL
Lab ID:	1104287-02B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
MERCURY			**SW7471B**		**SW7471B**		Analyst: **AH**
Mercury	0.00916	0.005	0.0108	J	mg/Kg-dry	1	4/28/2011 12:43:35 PM
PCB'S AS AROCLORS SW-846 METHOD 8082			**SW8082A**		**SW3550**		Analyst: **SB**
Aroclor 1016	U	1.09	87		µg/Kg-dry	1	4/27/2011 9:08:00 PM
Aroclor 1221	U	1.09	87		µg/Kg-dry	1	4/27/2011 9:08:00 PM
Aroclor 1232	U	1.09	87		µg/Kg-dry	1	4/27/2011 9:08:00 PM
Aroclor 1242	U	1.09	87		µg/Kg-dry	1	4/27/2011 9:08:00 PM
Aroclor 1248	U	1.09	87		µg/Kg-dry	1	4/27/2011 9:08:00 PM
Aroclor 1254	U	1.09	87		µg/Kg-dry	1	4/27/2011 9:08:00 PM
Aroclor 1260	U	1.09	87		µg/Kg-dry	1	4/27/2011 9:08:00 PM
Aroclor 1262	U	1.09	87		µg/Kg-dry	1	4/27/2011 9:08:00 PM
Aroclor 1268	U	1.09	87		µg/Kg-dry	1	4/27/2011 9:08:00 PM
Surr: TCX	87.0	0	17-151		%REC	1	4/27/2011 9:08:00 PM
Surr: DCB	65.3	0	16-152		%REC	1	4/27/2011 9:08:00 PM
PERCENT MOISTURE			**D2216**				Analyst: **KK**
Percent Moisture	9.05	0	0		wt%	1	4/27/2011
RCRA METALS			**SW6010C**		**SW3050A**		Analyst: **JP**
Arsenic	1.60	0.22	0.539		mg/Kg-dry	1	4/28/2011 1:59:39 PM
Barium	40.5	0.22	0.431		mg/Kg-dry	1	4/28/2011 1:59:39 PM
Cadmium	U	0.11	0.431		mg/Kg-dry	1	4/28/2011 1:59:39 PM
Chromium	17.3	0.11	0.431		mg/Kg-dry	1	4/28/2011 1:59:39 PM
Lead	3.45	0.22	0.431		mg/Kg-dry	1	4/28/2011 1:59:39 PM
Selenium	U	0.22	0.539		mg/Kg-dry	1	4/28/2011 1:59:39 PM
Silver	U	0.11	0.431		mg/Kg-dry	1	4/28/2011 1:59:39 PM
SEMIVOLATILE SW-846 METHOD 8270 (FUEL)			**SW8270D**		**SW3550C**		Analyst: **LDS**
Acenaphthene	U	26.8	270		µg/Kg-dry	1	4/28/2011 5:41:00 PM
Acenaphthylene	U	26.8	270		µg/Kg-dry	1	4/28/2011 5:41:00 PM
Anthracene	U	26.8	270		µg/Kg-dry	1	4/28/2011 5:41:00 PM
Benzo(a)anthracene	U	26.8	270		µg/Kg-dry	1	4/28/2011 5:41:00 PM
Benzo(a)pyrene	U	26.8	270		µg/Kg-dry	1	4/28/2011 5:41:00 PM
Benzo(b)fluoranthene	U	26.8	270		µg/Kg-dry	1	4/28/2011 5:41:00 PM
Benzo(g,h,i)perylene	U	26.8	270		µg/Kg-dry	1	4/28/2011 5:41:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *29-Apr-11*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	550-E
Lab Order:	1104287	**Collection Date:**	4/26/2011 2:00:00 PM
Project:	211-08 Northern Blvd.	**Matrix:**	SOIL
Lab ID:	1104287-02B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270 (FUEL)			**SW8270D**		**SW3550C**		Analyst: **LDS**
Benzo(k)fluoranthene	U	26.8	270		µg/Kg-dry	1	4/28/2011 5:41:00 PM
Chrysene	U	26.8	270		µg/Kg-dry	1	4/28/2011 5:41:00 PM
Dibenzo(a,h)anthracene	U	26.8	270		µg/Kg-dry	1	4/28/2011 5:41:00 PM
Fluoranthene	U	26.8	270		µg/Kg-dry	1	4/28/2011 5:41:00 PM
Fluorene	U	26.8	270		µg/Kg-dry	1	4/28/2011 5:41:00 PM
Indeno(1,2,3-c,d)pyrene	U	26.8	270		µg/Kg-dry	1	4/28/2011 5:41:00 PM
Phenanthrene	U	26.8	270		µg/Kg-dry	1	4/28/2011 5:41:00 PM
Pyrene	U	26.8	270		µg/Kg-dry	1	4/28/2011 5:41:00 PM
Surr: 2-Fluorobiphenyl	74.1	0	23-120		%REC	1	4/28/2011 5:41:00 PM
Surr: 4-Terphenyl-d14	80.6	0	23-128		%REC	1	4/28/2011 5:41:00 PM
Surr: Nitrobenzene-d5	89.9	0	18-116		%REC	1	4/28/2011 5:41:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

ACCREDITED IN ACCORDANCE WITH nelac

Qualifiers:	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *29-Apr-11*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	550-N
Lab Order:	1104287	**Collection Date:**	4/26/2011 2:00:00 PM
Project:	211-08 Northern Blvd.	**Matrix:**	SOIL
Lab ID:	1104287-03A		

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	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
1,1,1-Trichloroethane	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
1,1,2,2-Tetrachloroethane	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
1,1,2-Trichloroethane	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
1,1-Dichloroethane	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
1,1-Dichloroethene	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
1,1-Dichloropropene	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
1,2,3-Trichlorobenzene	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
1,2,3-Trichloropropane	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
1,2,4,5-Tetramethylbenzene	1.5	0.57	5.7	J	µg/Kg-dry	1	4/28/2011 12:19:00 PM
1,2,4-Trichlorobenzene	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
1,2,4-Trimethylbenzene	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
1,2-Dibromo-3-chloropropane	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
1,2-Dibromoethane	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
1,2-Dichlorobenzene	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
1,2-Dichloroethane	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
1,2-Dichloropropane	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
1,3,5-Trimethylbenzene	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
1,3-Dichlorobenzene	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
1,3-dichloropropane	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
1,4-Dichlorobenzene	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
1,4-Dioxane	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
2,2-Dichloropropane	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
2-Butanone	U	1.7	5.7	C	µg/Kg-dry	1	4/28/2011 12:19:00 PM
2-Chloroethyl vinyl ether	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
2-Chlorotoluene	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
2-Hexanone	U	1.7	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
2-Propanol	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
4-Chlorotoluene	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
4-Isopropyltoluene	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
4-Methyl-2-pentanone	U	1.7	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
Acetone	U	1.7	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *29-Apr-11*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	550-N
Lab Order:	1104287	**Collection Date:**	4/26/2011 2:00:00 PM
Project:	211-08 Northern Blvd.	**Matrix:**	SOIL
Lab ID:	1104287-03A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
Acrolein	U	2.83	11		µg/Kg-dry	1	4/28/2011 12:19:00 PM
Acrylonitrile	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
Benzene	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
Bromobenzene	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
Bromochloromethane	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
Bromodichloromethane	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
Bromoform	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
Bromomethane	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
Carbon disulfide	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
Carbon tetrachloride	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
Chlorobenzene	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
Chlorodifluoromethane	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
Chloroethane	U	0.57	5.7	C	µg/Kg-dry	1	4/28/2011 12:19:00 PM
Chloroform	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
Chloromethane	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
cis-1,2-Dichloroethene	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
cis-1,3-Dichloropropene	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
Dibromochloromethane	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
Dibromomethane	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
Dichlorodifluoromethane	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
Diisopropyl ether	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
Ethanol	U	2.83	11		µg/Kg-dry	1	4/28/2011 12:19:00 PM
Ethyl acetate	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
Ethylbenzene	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
Freon-114	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
Hexachlorobutadiene	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
Isopropyl acetate	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
Isopropylbenzene	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
m,p-Xylene	U	1.13	11		µg/Kg-dry	1	4/28/2011 12:19:00 PM
Methyl Acetate	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
Methyl tert-butyl ether	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
Methylene chloride	6.7	0.57	5.7	B	µg/Kg-dry	1	4/28/2011 12:19:00 PM
n-Amyl acetate	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *29-Apr-11*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	550-N
Lab Order:	1104287	**Collection Date:**	4/26/2011 2:00:00 PM
Project:	211-08 Northern Blvd.	**Matrix:**	SOIL
Lab ID:	1104287-03A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: LA
Naphthalene	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
n-Butyl acetate	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
n-Butylbenzene	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
n-Propyl acetate	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
n-Propylbenzene	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
o-Xylene	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
p-Diethylbenzene	0.85	0.57	5.7	J	µg/Kg-dry	1	4/28/2011 12:19:00 PM
p-Ethyltoluene	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
sec-Butylbenzene	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
Styrene	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
t-Butyl alcohol	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
tert-Butylbenzene	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
Tetrachloroethene	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
Toluene	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
trans-1,2-Dichloroethene	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
trans-1,3-Dichloropropene	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
Trichloroethene	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
Trichlorofluoromethane	U	0.57	5.7	C	µg/Kg-dry	1	4/28/2011 12:19:00 PM
Vinyl acetate	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
Vinyl chloride	U	0.57	5.7		µg/Kg-dry	1	4/28/2011 12:19:00 PM
Surr: 4-Bromofluorobenzene	87.4	0	64-132		%REC	1	4/28/2011 12:19:00 PM
Surr: Dibromofluoromethane	82.9	0	66-131		%REC	1	4/28/2011 12:19:00 PM
Surr: Toluene-d8	92.8	0	54-132		%REC	1	4/28/2011 12:19:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *29-Apr-11*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	550-N
Lab Order:	1104287	**Collection Date:**	4/26/2011 2:00:00 PM
Project:	211-08 Northern Blvd.	**Matrix:**	SOIL
Lab ID:	1104287-03B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
MERCURY			**SW7471B**		**SW7471B**		Analyst: **AH**
Mercury	0.0438	0.005	0.00923		mg/Kg-dry	1	4/28/2011 12:45:43 PM
PCB'S AS AROCLORS SW-846 METHOD 8082			**SW8082A**		**SW3550**		Analyst: **SB**
Aroclor 1016	U	1.13	90		µg/Kg-dry	1	4/27/2011 9:32:00 PM
Aroclor 1221	U	1.13	90		µg/Kg-dry	1	4/27/2011 9:32:00 PM
Aroclor 1232	U	1.13	90		µg/Kg-dry	1	4/27/2011 9:32:00 PM
Aroclor 1242	U	1.13	90		µg/Kg-dry	1	4/27/2011 9:32:00 PM
Aroclor 1248	U	1.13	90		µg/Kg-dry	1	4/27/2011 9:32:00 PM
Aroclor 1254	U	1.13	90		µg/Kg-dry	1	4/27/2011 9:32:00 PM
Aroclor 1260	U	1.13	90		µg/Kg-dry	1	4/27/2011 9:32:00 PM
Aroclor 1262	U	1.13	90		µg/Kg-dry	1	4/27/2011 9:32:00 PM
Aroclor 1268	2.3	1.13	90	J	µg/Kg-dry	1	4/27/2011 9:32:00 PM
Surr: TCX	59.0	0	17-151		%REC	1	4/27/2011 9:32:00 PM
Surr: DCB	62.3	0	16-152		%REC	1	4/27/2011 9:32:00 PM
PERCENT MOISTURE			**D2216**				Analyst: **KK**
Percent Moisture	11.9	0	0		wt%	1	4/27/2011
RCRA METALS			**SW6010C**		**SW3050A**		Analyst: **JP**
Arsenic	3.60	0.22	0.552		mg/Kg-dry	1	4/28/2011 2:01:42 PM
Barium	35.8	0.22	0.442		mg/Kg-dry	1	4/28/2011 2:01:42 PM
Cadmium	0.110	0.11	0.442	J	mg/Kg-dry	1	4/28/2011 2:01:42 PM
Chromium	14.2	0.11	0.442		mg/Kg-dry	1	4/28/2011 2:01:42 PM
Lead	30.2	0.22	0.442		mg/Kg-dry	1	4/28/2011 2:01:42 PM
Selenium	0.265	0.22	0.552	J	mg/Kg-dry	1	4/28/2011 2:01:42 PM
Silver	U	0.11	0.442		mg/Kg-dry	1	4/28/2011 2:01:42 PM
SEMIVOLATILE SW-846 METHOD 8270 (FUEL)			**SW8270D**		**SW3550C**		Analyst: **LDS**
Acenaphthene	U	27.8	280		µg/Kg-dry	1	4/28/2011 6:07:00 PM
Acenaphthylene	U	27.8	280		µg/Kg-dry	1	4/28/2011 6:07:00 PM
Anthracene	180	27.8	280	J	µg/Kg-dry	1	4/28/2011 6:07:00 PM
Benzo(a)anthracene	220	27.8	280	J	µg/Kg-dry	1	4/28/2011 6:07:00 PM
Benzo(a)pyrene	220	27.8	280	J	µg/Kg-dry	1	4/28/2011 6:07:00 PM
Benzo(b)fluoranthene	180	27.8	280	J	µg/Kg-dry	1	4/28/2011 6:07:00 PM
Benzo(g,h,i)perylene	230	27.8	280	J	µg/Kg-dry	1	4/28/2011 6:07:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *29-Apr-11*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	550-N
Lab Order:	1104287	**Collection Date:**	4/26/2011 2:00:00 PM
Project:	211-08 Northern Blvd.	**Matrix:**	SOIL
Lab ID:	1104287-03B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270 (FUEL)			**SW8270D**		**SW3550C**		Analyst: **LDS**
Benzo(k)fluoranthene	180	27.8	280	J	µg/Kg-dry	1	4/28/2011 6:07:00 PM
Chrysene	180	27.8	280	J	µg/Kg-dry	1	4/28/2011 6:07:00 PM
Dibenzo(a,h)anthracene	89	27.8	280	J	µg/Kg-dry	1	4/28/2011 6:07:00 PM
Fluoranthene	410	27.8	280		µg/Kg-dry	1	4/28/2011 6:07:00 PM
Fluorene	U	27.8	280		µg/Kg-dry	1	4/28/2011 6:07:00 PM
Indeno(1,2,3-c,d)pyrene	200	27.8	280	J	µg/Kg-dry	1	4/28/2011 6:07:00 PM
Phenanthrene	180	27.8	280	J	µg/Kg-dry	1	4/28/2011 6:07:00 PM
Pyrene	510	27.8	280		µg/Kg-dry	1	4/28/2011 6:07:00 PM
Surr: 2-Fluorobiphenyl	71.5	0	23-120		%REC	1	4/28/2011 6:07:00 PM
Surr: 4-Terphenyl-d14	79.3	0	23-128		%REC	1	4/28/2011 6:07:00 PM
Surr: Nitrobenzene-d5	90.5	0	18-116		%REC	1	4/28/2011 6:07:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *29-Apr-11*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	550-S
Lab Order:	1104287	**Collection Date:**	4/26/2011 2:00:00 PM
Project:	211-08 Northern Blvd.	**Matrix:**	SOIL
Lab ID:	1104287-04A		

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	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
1,1,1-Trichloroethane	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
1,1,2,2-Tetrachloroethane	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
1,1,2-Trichloroethane	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
1,1-Dichloroethane	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
1,1-Dichloroethene	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
1,1-Dichloropropene	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
1,2,3-Trichlorobenzene	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
1,2,3-Trichloropropane	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
1,2,4,5-Tetramethylbenzene	1.5	0.54	5.4	J	µg/Kg-dry	1	4/27/2011 2:13:00 PM
1,2,4-Trichlorobenzene	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
1,2,4-Trimethylbenzene	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
1,2-Dibromo-3-chloropropane	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
1,2-Dibromoethane	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
1,2-Dichlorobenzene	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
1,2-Dichloroethane	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
1,2-Dichloropropane	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
1,3,5-Trimethylbenzene	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
1,3-Dichlorobenzene	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
1,3-dichloropropane	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
1,4-Dichlorobenzene	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
1,4-Dioxane	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
2,2-Dichloropropane	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
2-Butanone	U	1.61	5.4	C	µg/Kg-dry	1	4/27/2011 2:13:00 PM
2-Chloroethyl vinyl ether	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
2-Chlorotoluene	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
2-Hexanone	U	1.61	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
2-Propanol	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
4-Chlorotoluene	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
4-Isopropyltoluene	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
4-Methyl-2-pentanone	U	1.61	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
Acetone	U	1.61	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *29-Apr-11*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	550-S
Lab Order:	1104287	**Collection Date:**	4/26/2011 2:00:00 PM
Project:	211-08 Northern Blvd.	**Matrix:**	SOIL
Lab ID:	1104287-04A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
Acrolein	U	2.68	11		µg/Kg-dry	1	4/27/2011 2:13:00 PM
Acrylonitrile	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
Benzene	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
Bromobenzene	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
Bromochloromethane	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
Bromodichloromethane	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
Bromoform	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
Bromomethane	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
Carbon disulfide	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
Carbon tetrachloride	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
Chlorobenzene	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
Chlorodifluoromethane	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
Chloroethane	U	0.54	5.4	C	µg/Kg-dry	1	4/27/2011 2:13:00 PM
Chloroform	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
Chloromethane	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
cis-1,2-Dichloroethene	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
cis-1,3-Dichloropropene	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
Dibromochloromethane	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
Dibromomethane	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
Dichlorodifluoromethane	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
Diisopropyl ether	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
Ethanol	U	2.68	11		µg/Kg-dry	1	4/27/2011 2:13:00 PM
Ethyl acetate	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
Ethylbenzene	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
Freon-114	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
Hexachlorobutadiene	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
Isopropyl acetate	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
Isopropylbenzene	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
m,p-Xylene	U	1.07	11		µg/Kg-dry	1	4/27/2011 2:13:00 PM
Methyl Acetate	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
Methyl tert-butyl ether	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
Methylene chloride	7.6	0.54	5.4	B	µg/Kg-dry	1	4/27/2011 2:13:00 PM
n-Amyl acetate	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *29-Apr-11*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	550-S
Lab Order:	1104287	**Collection Date:**	4/26/2011 2:00:00 PM
Project:	211-08 Northern Blvd.	**Matrix:**	SOIL
Lab ID:	1104287-04A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: LA
Naphthalene	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
n-Butyl acetate	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
n-Butylbenzene	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
n-Propyl acetate	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
n-Propylbenzene	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
o-Xylene	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
p-Diethylbenzene	0.59	0.54	5.4	J	µg/Kg-dry	1	4/27/2011 2:13:00 PM
p-Ethyltoluene	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
sec-Butylbenzene	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
Styrene	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
t-Butyl alcohol	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
tert-Butylbenzene	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
Tetrachloroethene	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
Toluene	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
trans-1,2-Dichloroethene	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
trans-1,3-Dichloropropene	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
Trichloroethene	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
Trichlorofluoromethane	U	0.54	5.4	C	µg/Kg-dry	1	4/27/2011 2:13:00 PM
Vinyl acetate	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
Vinyl chloride	U	0.54	5.4		µg/Kg-dry	1	4/27/2011 2:13:00 PM
Surr: 4-Bromofluorobenzene	88.8	0	64-132		%REC	1	4/27/2011 2:13:00 PM
Surr: Dibromofluoromethane	96.8	0	66-131		%REC	1	4/27/2011 2:13:00 PM
Surr: Toluene-d8	97.0	0	54-132		%REC	1	4/27/2011 2:13:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *29-Apr-11*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	550-S
Lab Order:	1104287	**Collection Date:**	4/26/2011 2:00:00 PM
Project:	211-08 Northern Blvd.	**Matrix:**	SOIL
Lab ID:	1104287-04B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
MERCURY			**SW7471B**		**SW7471B**		Analyst: **AH**
Mercury	0.0130	0.005	0.0104		mg/Kg-dry	1	4/28/2011 12:47:51 PM
PCB'S AS AROCLORS SW-846 METHOD 8082			**SW8082A**		**SW3550**		Analyst: **SB**
Aroclor 1016	U	1.10	88		µg/Kg-dry	1	4/27/2011 9:55:00 PM
Aroclor 1221	U	1.10	88		µg/Kg-dry	1	4/27/2011 9:55:00 PM
Aroclor 1232	U	1.10	88		µg/Kg-dry	1	4/27/2011 9:55:00 PM
Aroclor 1242	U	1.10	88		µg/Kg-dry	1	4/27/2011 9:55:00 PM
Aroclor 1248	U	1.10	88		µg/Kg-dry	1	4/27/2011 9:55:00 PM
Aroclor 1254	U	1.10	88		µg/Kg-dry	1	4/27/2011 9:55:00 PM
Aroclor 1260	2.1	1.10	88	J	µg/Kg-dry	1	4/27/2011 9:55:00 PM
Aroclor 1262	U	1.10	88		µg/Kg-dry	1	4/27/2011 9:55:00 PM
Aroclor 1268	U	1.10	88		µg/Kg-dry	1	4/27/2011 9:55:00 PM
Surr: TCX	77.2	0	17-151		%REC	1	4/27/2011 9:55:00 PM
Surr: DCB	75.7	0	16-152		%REC	1	4/27/2011 9:55:00 PM
PERCENT MOISTURE			**D2216**				Analyst: **KK**
Percent Moisture	9.56	0	0		wt%	1	4/27/2011
RCRA METALS			**SW6010C**		**SW3050A**		Analyst: **JP**
Arsenic	2.14	0.21	0.526		mg/Kg-dry	1	4/28/2011 2:03:45 PM
Barium	31.7	0.21	0.420		mg/Kg-dry	1	4/28/2011 2:03:45 PM
Cadmium	U	0.11	0.420		mg/Kg-dry	1	4/28/2011 2:03:45 PM
Chromium	17.6	0.11	0.420		mg/Kg-dry	1	4/28/2011 2:03:45 PM
Lead	9.23	0.21	0.420		mg/Kg-dry	1	4/28/2011 2:03:45 PM
Selenium	U	0.21	0.526		mg/Kg-dry	1	4/28/2011 2:03:45 PM
Silver	U	0.11	0.420		mg/Kg-dry	1	4/28/2011 2:03:45 PM
SEMIVOLATILE SW-846 METHOD 8270 (FUEL)			**SW8270D**		**SW3550C**		Analyst: **LDS**
Acenaphthene	U	26.4	260		µg/Kg-dry	1	4/28/2011 6:32:00 PM
Acenaphthylene	U	26.4	260		µg/Kg-dry	1	4/28/2011 6:32:00 PM
Anthracene	U	26.4	260		µg/Kg-dry	1	4/28/2011 6:32:00 PM
Benzo(a)anthracene	U	26.4	260		µg/Kg-dry	1	4/28/2011 6:32:00 PM
Benzo(a)pyrene	U	26.4	260		µg/Kg-dry	1	4/28/2011 6:32:00 PM
Benzo(b)fluoranthene	U	26.4	260		µg/Kg-dry	1	4/28/2011 6:32:00 PM
Benzo(g,h,i)perylene	U	26.4	260		µg/Kg-dry	1	4/28/2011 6:32:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *29-Apr-11*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	550-S
Lab Order:	1104287	**Collection Date:**	4/26/2011 2:00:00 PM
Project:	211-08 Northern Blvd.	**Matrix:**	SOIL
Lab ID:	1104287-04B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270 (FUEL)			**SW8270D**		**SW3550C**		Analyst: **LDS**
Benzo(k)fluoranthene	U	26.4	260		µg/Kg-dry	1	4/28/2011 6:32:00 PM
Chrysene	U	26.4	260		µg/Kg-dry	1	4/28/2011 6:32:00 PM
Dibenzo(a,h)anthracene	U	26.4	260		µg/Kg-dry	1	4/28/2011 6:32:00 PM
Fluoranthene	29	26.4	260	J	µg/Kg-dry	1	4/28/2011 6:32:00 PM
Fluorene	U	26.4	260		µg/Kg-dry	1	4/28/2011 6:32:00 PM
Indeno(1,2,3-c,d)pyrene	U	26.4	260		µg/Kg-dry	1	4/28/2011 6:32:00 PM
Phenanthrene	U	26.4	260		µg/Kg-dry	1	4/28/2011 6:32:00 PM
Pyrene	34	26.4	260	J	µg/Kg-dry	1	4/28/2011 6:32:00 PM
Surr: 2-Fluorobiphenyl	77.6	0	23-120		%REC	1	4/28/2011 6:32:00 PM
Surr: 4-Terphenyl-d14	83.7	0	23-128		%REC	1	4/28/2011 6:32:00 PM
Surr: Nitrobenzene-d5	98.7	0	18-116		%REC	1	4/28/2011 6:32:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *29-Apr-11*

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1104287
Project: 211-08 Northern Blvd.

ANALYTICAL QC SUMMARY REPORT

TestCode: Dry8082_Soil

Sample ID: **MB-31945** SampType: **MBLK** TestCode: **Dry8082_Soil** Units: **µg/Kg** Prep Date: **4/27/2011** RunNo: **57548**
Client ID: **PBS** Batch ID: **31945** TestNo: **SW8082A** **SW3550** Analysis Date: **4/27/2011** SeqNo: **808317**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	U	80									
Aroclor 1221	U	80									
Aroclor 1232	U	80									
Aroclor 1242	U	80									
Aroclor 1248	U	80									
Aroclor 1254	U	80									
Aroclor 1260	U	80									
Aroclor 1262	U	80									
Aroclor 1268	U	80									
Surr: TCX	19		25.00		75.6	17	151				
Surr: DCB	22		25.00		87.2	16	152				

Sample ID: **LCS-31945** SampType: **LCS** TestCode: **Dry8082_Soil** Units: **µg/Kg** Prep Date: **4/27/2011** RunNo: **57548**
Client ID: **LCSS** Batch ID: **31945** TestNo: **SW8082A** **SW3550** Analysis Date: **4/27/2011** SeqNo: **808318**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1262	46	80	50.00	0	91.4	50	135				J
Surr: TCX	21		25.00		82.8	17	151				
Surr: DCB	22		25.00		88.0	16	152				

Sample ID: **LCS-31945** SampType: **LCS** TestCode: **Dry8082_Soil** Units: **µg/Kg** Prep Date: **4/27/2011** RunNo: **57548**
Client ID: **LCSS** Batch ID: **31945** TestNo: **SW8082A** **SW3550** Analysis Date: **4/27/2011** SeqNo: **808413**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1221	53	80	50.00	0	107	50	135				J
Surr: TCX	26		25.00		103	17	151				
Surr: DCB	24		25.00		97.6	16	152				

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1104287
Project: 211-08 Northern Blvd.

ANALYTICAL QC SUMMARY REPORT

TestCode: DRY8270FUEL_SOIL

Sample ID: **MB-31943** SampType: **MBLK** TestCode: **DRY8270FUE** Units: **µg/Kg** Prep Date: **4/27/2011** RunNo: **57573**
Client ID: **PBS** Batch ID: **31943** TestNo: **SW8270D SW3550C** Analysis Date: **4/28/2011** SeqNo: **808788**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	U	250									
Acenaphthylene	U	250									
Anthracene	U	250									
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									
Chrysene	U	250									
Dibenzo(a,h)anthracene	U	250									
Fluoranthene	U	250									
Fluorene	U	250									
Indeno(1,2,3-c,d)pyrene	U	250									
Phenanthrene	U	250									
Pyrene	U	250									
Surr: 2-Fluorobiphenyl	830		1000		82.6	23	120				
Surr: 4-Terphenyl-d14	910		1000		91.0	23	128				
Surr: Nitrobenzene-d5	1000		1000		100	18	116				

Sample ID: **LCS-31943** SampType: **LCS** TestCode: **DRY8270FUE** Units: **µg/Kg** Prep Date: **4/27/2011** RunNo: **57573**
Client ID: **LCSS** Batch ID: **31943** TestNo: **SW8270D SW3550C** Analysis Date: **4/28/2011** SeqNo: **808789**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	1500	250	2000	0	74.9	38	122				
Acenaphthylene	1400	250	2000	0	71.7	48	121				
Anthracene	1600	250	2000	0	78.3	40	120				
Benzo(a)anthracene	1600	250	2000	0	78.9	45	120				
Benzo(a)pyrene	1500	250	2000	0	75.7	47	120				
Benzo(b)fluoranthene	1500	250	2000	0	73.7	42	119				
Benzo(g,h,i)perylene	2000	250	2000	0	98.7	42	138				
Benzo(k)fluoranthene	1400	250	2000	0	69.3	35	130				

Qualifiers:
B Analyte detected in the associated Method Blank
C Calibration %RSD/%D exceeded for non-CCC analytes
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
LOD Limit of Detection
LOQ Limit of Quantitation
P >40% diff for detected conc between the two GC column
R RPD outside accepted recovery limits

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1104287
Project: 211-08 Northern Blvd.

ANALYTICAL QC SUMMARY REPORT

TestCode: DRY8270FUEL_SOIL

Sample ID: LCS-31943	SampType: LCS	TestCode: DRY8270FUE	Units: µg/Kg	Prep Date: 4/27/2011	RunNo: 57573
Client ID: LCSS	Batch ID: 31943	TestNo: SW8270D	SW3550C	Analysis Date: 4/28/2011	SeqNo: 808789

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chrysene	1600	250	2000	0	81.7	43	125				
Dibenzo(a,h)anthracene	2100	250	2000	0	103	43	133				
Fluoranthene	1500	250	2000	0	75.5	42	120				
Fluorene	1400	250	2000	0	68.0	38	122				
Indeno(1,2,3-c,d)pyrene	2000	250	2000	0	99.6	49	150				
Phenanthrene	1600	250	2000	0	80.2	49	126				
Pyrene	2000	250	2000	0	100	39	123				
Surr: 2-Fluorobiphenyl	700		1000		70.5	23	120				
Surr: 4-Terphenyl-d14	830		1000		82.8	23	128				
Surr: Nitrobenzene-d5	930		1000		93.2	18	116				

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1104287
Project: 211-08 Northern Blvd.

ANALYTICAL QC SUMMARY REPORT

TestCode: DryFull8260_Soil

Sample ID: **V624LCS-042711HS** SampType: **LCS** TestCode: **DryFull8260_** Units: **µg/Kg** Prep Date: **4/27/2011** RunNo: **57544**
Client ID: **LCSS** Batch ID: **R57544** TestNo: **SW8260C** Analysis Date: **4/27/2011** SeqNo: **808295**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	40	5.0	50.00	0	80.2	26	120				
1,1,2,2-Tetrachloroethane	50	5.0	50.00	0	99.7	30	130				
1,1,2-Trichloroethane	47	5.0	50.00	0	93.9	26	126				
1,1-Dichloroethane	39	5.0	50.00	0	77.1	20	129				
1,1-Dichloroethene	38	5.0	50.00	0	75.4	25	130				
1,2-Dichlorobenzene	41	5.0	50.00	0	82.9	21	120				
1,2-Dichloroethane	39	5.0	50.00	0	78.6	20	120				
1,2-Dichloropropane	43	5.0	50.00	0	86.1	22	126				
1,3-Dichlorobenzene	41	5.0	50.00	0	81.3	23	120				
1,4-Dichlorobenzene	40	5.0	50.00	0	79.6	26	123				
2-Chloroethyl vinyl ether	36	5.0	50.00	0	71.4	20	125				
Benzene	38	5.0	50.00	0	76.8	30	130				
Bromodichloromethane	44	5.0	50.00	0	87.9	30	130				
Bromoform	48	5.0	50.00	0	96.2	20	123				
Bromomethane	34	5.0	50.00	0	67.3	35	133				
Carbon tetrachloride	40	5.0	50.00	0	80.8	25	125				
Chlorobenzene	42	5.0	50.00	0	84.8	21	133				
Chloroethane	24	5.0	50.00	0	47.3	40	144				C
Chloroform	39	5.0	50.00	0	78.2	26	124				
Chloromethane	30	5.0	50.00	0	59.8	36	140				
cis-1,3-Dichloropropene	43	5.0	50.00	0	85.1	22	122				
Dibromochloromethane	44	5.0	50.00	0	88.2	22	124				
Ethylbenzene	41	5.0	50.00	0	81.4	15	130				
Methylene chloride	42	5.0	50.00	0	83.3	30	149				B
Tetrachloroethene	39	5.0	50.00	0	77.6	20	120				
Toluene	45	5.0	50.00	0	90.7	20	119				
trans-1,2-Dichloroethene	34	5.0	50.00	0	68.7	20	120				
trans-1,3-Dichloropropene	43	5.0	50.00	0	85.1	14	115				
Trichloroethene	46	5.0	50.00	0	91.4	23	121				
Trichlorofluoromethane	46	5.0	50.00	0	92.8	38	142				C
Vinyl chloride	35	5.0	50.00	0	69.5	40	145				

Qualifiers:
B Analyte detected in the associated Method Blank
C Calibration %RSD/%D exceeded for non-CCC analytes
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
LOD Limit of Detection
LOQ Limit of Quantitation
P >40% diff for detected conc between the two GC column
R RPD outside accepted recovery limits

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1104287
Project: 211-08 Northern Blvd.

ANALYTICAL QC SUMMARY REPORT

TestCode: DryFull8260_Soil

Sample ID: **V624LCS-042711HS** SampType: **LCS** TestCode: **DryFull8260_** Units: **µg/Kg** Prep Date: **4/27/2011** RunNo: **57544**
Client ID: **LCSS** Batch ID: **R57544** TestNo: **SW8260C** Analysis Date: **4/27/2011** SeqNo: **808295**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	51		50.00		102	64	132				
Surr: Dibromofluoromethane	45		50.00		90.8	66	131				
Surr: Toluene-d8	50		50.00		99.9	54	132				

Sample ID: **VBLK-042711HS** SampType: **MBLK** TestCode: **DryFull8260_** Units: **µg/Kg** Prep Date: **4/27/2011** RunNo: **57544**
Client ID: **PBS** Batch ID: **R57544** TestNo: **SW8260C** Analysis Date: **4/27/2011** SeqNo: **808296**

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									
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									

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1104287
Project: 211-08 Northern Blvd.

ANALYTICAL QC SUMMARY REPORT

TestCode: DryFull8260_Soil

Sample ID: **VBLK-042711HS** SampType: **MBLK** TestCode: **DryFull8260_** Units: **µg/Kg** Prep Date: **4/27/2011** RunNo: **57544**
Client ID: **PBS** Batch ID: **R57544** TestNo: **SW8260C** Analysis Date: **4/27/2011** SeqNo: **808296**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,2-Dichloropropane	U	5.0									
2-Butanone	U	5.0									C
2-Chloroethyl vinyl ether	U	5.0									
2-Chlorotoluene	U	5.0									
2-Hexanone	U	5.0									
2-Propanol	U	5.0									
4-Chlorotoluene	U	5.0									
4-Isopropyltoluene	U	5.0									
4-Methyl-2-pentanone	U	5.0									
Acetone	U	5.0									
Acrolein	U	10									
Acrylonitrile	U	5.0									
Benzene	U	5.0									
Bromobenzene	U	5.0									
Bromochloromethane	U	5.0									
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									C
Chloroform	U	5.0									
Chloromethane	U	5.0									
cis-1,2-Dichloroethene	U	5.0									
cis-1,3-Dichloropropene	U	5.0									
Dibromochloromethane	U	5.0									
Dibromomethane	U	5.0									
Dichlorodifluoromethane	U	5.0									
Diisopropyl ether	U	5.0									

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1104287
Project: 211-08 Northern Blvd.

ANALYTICAL QC SUMMARY REPORT

TestCode: DryFull8260_Soil

Sample ID: **VBLK-042711HS**	SampType: **MBLK**	TestCode: **DryFull8260_**	Units: **µg/Kg**	Prep Date: **4/27/2011**	RunNo: **57544**
Client ID: **PBS**	Batch ID: **R57544**	TestNo: **SW8260C**		Analysis Date: **4/27/2011**	SeqNo: **808296**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ethanol	U	10									
Ethyl acetate	U	5.0									
Ethylbenzene	U	5.0									
Freon-114	U	5.0									
Hexachlorobutadiene	U	5.0									
Isopropyl acetate	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	5.2	5.0									
n-Amyl acetate	U	5.0									
Naphthalene	U	5.0									
n-Butyl acetate	U	5.0									
n-Butylbenzene	U	5.0									
n-Propyl acetate	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									C
Vinyl acetate	U	5.0									

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1104287
Project: 211-08 Northern Blvd.

ANALYTICAL QC SUMMARY REPORT

TestCode: DryFull8260_Soil

Sample ID: **VBLK-042711HS** SampType: **MBLK** TestCode: **DryFull8260_** Units: **µg/Kg** Prep Date: **4/27/2011** RunNo: **57544**
Client ID: **PBS** Batch ID: **R57544** TestNo: **SW8260C** Analysis Date: **4/27/2011** SeqNo: **808296**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	U	5.0									
Surr: 4-Bromofluorobenzene	50		50.00		99.9	64	132				
Surr: Dibromofluoromethane	48		50.00		95.0	66	131				
Surr: Toluene-d8	48		50.00		95.4	54	132				

Sample ID: **V624LCS-042811HS** SampType: **LCS** TestCode: **DryFull8260_** Units: **µg/Kg** Prep Date: **4/28/2011** RunNo: **57544**
Client ID: **LCSS** Batch ID: **R57544A** TestNo: **SW8260C** Analysis Date: **4/28/2011** SeqNo: **808767**

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	83.2	26	120				
1,1,2,2-Tetrachloroethane	55	5.0	50.00	0	111	30	130				
1,1,2-Trichloroethane	44	5.0	50.00	0	88.6	26	126				
1,1-Dichloroethane	38	5.0	50.00	0	75.5	20	129				
1,1-Dichloroethene	40	5.0	50.00	0	80.7	25	130				
1,2-Dichlorobenzene	46	5.0	50.00	0	91.1	21	120				
1,2-Dichloroethane	40	5.0	50.00	0	79.5	20	120				
1,2-Dichloropropane	40	5.0	50.00	0	79.8	22	126				
1,3-Dichlorobenzene	46	5.0	50.00	0	91.8	23	120				
1,4-Dichlorobenzene	47	5.0	50.00	0	93.3	26	123				
2-Chloroethyl vinyl ether	35	5.0	50.00	0	69.9	20	125				
Benzene	38	5.0	50.00	0	76.4	30	130				
Bromodichloromethane	41	5.0	50.00	0	82.3	30	130				
Bromoform	52	5.0	50.00	0	105	20	123				
Bromomethane	28	5.0	50.00	0	56.6	35	133				
Carbon tetrachloride	42	5.0	50.00	0	83.8	25	125				
Chlorobenzene	44	5.0	50.00	0	88.0	21	133				
Chloroethane	24	5.0	50.00	0	48.3	40	144				C
Chloroform	39	5.0	50.00	0	77.4	26	124				
Chloromethane	25	5.0	50.00	0	49.6	36	140				
cis-1,3-Dichloropropene	39	5.0	50.00	0	78.2	22	122				
Dibromochloromethane	43	5.0	50.00	0	86.0	22	124				

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1104287
Project: 211-08 Northern Blvd.

ANALYTICAL QC SUMMARY REPORT

TestCode: DryFull8260_Soil

Sample ID: **V624LCS-042811HS** SampType: **LCS** TestCode: **DryFull8260_** Units: **µg/Kg** Prep Date: **4/28/2011** RunNo: **57544**
Client ID: **LCSS** Batch ID: **R57544A** TestNo: **SW8260C** Analysis Date: **4/28/2011** SeqNo: **808767**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ethylbenzene	42	5.0	50.00	0	85.0	15	130				
Methylene chloride	40	5.0	50.00	0	79.5	30	149				B
Tetrachloroethene	38	5.0	50.00	0	76.7	20	120				
Toluene	43	5.0	50.00	0	85.4	20	119				
trans-1,2-Dichloroethene	34	5.0	50.00	0	68.2	20	120				
trans-1,3-Dichloropropene	39	5.0	50.00	0	78.2	14	115				
Trichloroethene	44	5.0	50.00	0	87.7	23	121				
Trichlorofluoromethane	39	5.0	50.00	0	78.9	38	142				C
Vinyl chloride	28	5.0	50.00	0	56.9	40	145				
Surr: 4-Bromofluorobenzene	48		50.00		96.5	64	132				
Surr: Dibromofluoromethane	46		50.00		91.2	66	131				
Surr: Toluene-d8	48		50.00		96.0	54	132				

Sample ID: **VBLK-042811HS** SampType: **MBLK** TestCode: **DryFull8260_** Units: **µg/Kg** Prep Date: **4/28/2011** RunNo: **57544**
Client ID: **PBS** Batch ID: **R57544A** TestNo: **SW8260C** Analysis Date: **4/28/2011** SeqNo: **808768**

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									J
1,2,4-Trichlorobenzene	U	5.0									
1,2,4-Trimethylbenzene	U	5.0									
1,2-Dibromo-3-chloropropane	U	5.0									

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1104287
Project: 211-08 Northern Blvd.

ANALYTICAL QC SUMMARY REPORT

TestCode: DryFull8260_Soil

Sample ID: **VBLK-042811HS** SampType: **MBLK** TestCode: **DryFull8260_** Units: **µg/Kg** Prep Date: **4/28/2011** RunNo: **57544**
Client ID: **PBS** Batch ID: **R57544A** TestNo: **SW8260C** Analysis Date: **4/28/2011** SeqNo: **808768**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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	5.0									C
2-Chloroethyl vinyl ether	U	5.0									
2-Chlorotoluene	U	5.0									
2-Hexanone	U	5.0									
2-Propanol	U	5.0									
4-Chlorotoluene	U	5.0									
4-Isopropyltoluene	U	5.0									
4-Methyl-2-pentanone	U	5.0									
Acetone	U	5.0									
Acrolein	U	10									
Acrylonitrile	U	5.0									
Benzene	U	5.0									
Bromobenzene	U	5.0									
Bromochloromethane	U	5.0									
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									

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1104287
Project: 211-08 Northern Blvd.

ANALYTICAL QC SUMMARY REPORT

TestCode: DryFull8260_Soil

Sample ID: **VBLK-042811HS** SampType: **MBLK** TestCode: **DryFull8260_** Units: **µg/Kg** Prep Date: **4/28/2011** RunNo: **57544**
Client ID: **PBS** Batch ID: **R57544A** TestNo: **SW8260C** Analysis Date: **4/28/2011** SeqNo: **808768**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	U	5.0									C
Chloroform	U	5.0									
Chloromethane	U	5.0									
cis-1,2-Dichloroethene	U	5.0									
cis-1,3-Dichloropropene	U	5.0									
Dibromochloromethane	U	5.0									
Dibromomethane	U	5.0									
Dichlorodifluoromethane	U	5.0									
Diisopropyl ether	U	5.0									
Ethanol	U	10									
Ethyl acetate	U	5.0									
Ethylbenzene	U	5.0									
Freon-114	U	5.0									
Hexachlorobutadiene	U	5.0									
Isopropyl acetate	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	4.5	5.0									B
n-Amyl acetate	U	5.0									
Naphthalene	U	5.0									
n-Butyl acetate	U	5.0									
n-Butylbenzene	U	5.0									
n-Propyl acetate	U	5.0									
n-Propylbenzene	U	5.0									
o-Xylene	U	5.0									
p-Diethylbenzene	U	5.0									J
p-Ethyltoluene	U	5.0									
sec-Butylbenzene	U	5.0									
Styrene	U	5.0									

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1104287
Project: 211-08 Northern Blvd.

ANALYTICAL QC SUMMARY REPORT

TestCode: DryFull8260_Soil

Sample ID: **VBLK-042811HS** SampType: **MBLK** TestCode: **DryFull8260_** Units: **µg/Kg** Prep Date: **4/28/2011** RunNo: **57544**
Client ID: **PBS** Batch ID: **R57544A** TestNo: **SW8260C** Analysis Date: **4/28/2011** SeqNo: **808768**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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									C
Vinyl acetate	U	5.0									
Vinyl chloride	U	5.0									
Surr: 4-Bromofluorobenzene	48		50.00		95.6	64	132				
Surr: Dibromofluoromethane	52		50.00		103	66	131				
Surr: Toluene-d8	46		50.00		92.0	54	132				

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1104287
Project: 211-08 Northern Blvd.

ANALYTICAL QC SUMMARY REPORT

TestCode: DRYHG_S

Sample ID: LCSS-042811A	SampType: LCS	TestCode: DRYHG_S	Units: mg/Kg	Prep Date: 4/28/2011	RunNo: 57555
Client ID: LCSS	Batch ID: 31963	TestNo: SW7471B	SW7471B	Analysis Date: 4/28/2011	SeqNo: 808453

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.226	0.0100	0.2000	0	113	80	120				

Sample ID: PBS-042811A	SampType: MBLK	TestCode: DRYHG_S	Units: mg/Kg	Prep Date: 4/28/2011	RunNo: 57555
Client ID: PBS	Batch ID: 31963	TestNo: SW7471B	SW7471B	Analysis Date: 4/28/2011	SeqNo: 808454

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	U	0.0100									

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1104287
Project: 211-08 Northern Blvd.

ANALYTICAL QC SUMMARY REPORT

TestCode: DRYRCRA_ICP

Sample ID: **PBS-042811A** SampType: **MBLK** TestCode: **DRYRCRA_IC** Units: **mg/Kg** Prep Date: **4/28/2011** RunNo: **57560**
Client ID: **PBS** Batch ID: **31962** TestNo: **SW6010C** **SW3050A** Analysis Date: **4/28/2011** SeqNo: **808607**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	U	0.500									
Barium	U	0.400									
Cadmium	U	0.400									
Chromium	U	0.400									
Lead	U	0.400									
Selenium	U	0.500									
Silver	U	0.400									

Sample ID: **LCSS-042811A** SampType: **LCS** TestCode: **DRYRCRA_IC** Units: **mg/Kg** Prep Date: **4/28/2011** RunNo: **57560**
Client ID: **LCSS** Batch ID: **31962** TestNo: **SW6010C** **SW3050A** Analysis Date: **4/28/2011** SeqNo: **808608**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	40.4	0.500	40.00	0	101	63	120				
Barium	39.5	0.400	40.00	0	98.8	65	125				
Cadmium	39.3	0.400	40.00	0	98.4	66	124				
Chromium	40.7	0.400	40.00	0	102	66	128				
Lead	39.7	0.400	40.00	0	99.3	64	124				
Selenium	40.5	0.500	40.00	0	101	60	122				
Silver	39.6	0.400	40.00	0	99.0	67	123				

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

American Analytical Laboratories, LLC.

Date: *29-Apr-11*

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1104287
Project: 211-08 Northern Blvd.

ANALYTICAL QC SUMMARY REPORT

TestCode: Dry8082_Soil

Sample ID: **1104287-04B-MS** SampType: **MS** TestCode: **Dry8082_Soil** Units: **µg/Kg-dry** Prep Date: **4/27/2011** RunNo: **57548**
Client ID: **550-S** Batch ID: **31945** TestNo: **SW8082A** **SW3550** Analysis Date: **4/27/2011** SeqNo: **808323**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1262	47	88	55.09	0	85.0	30	143				J
Surr: TCX	21		27.55		75.7	17	151				
Surr: DCB	18		27.55		64.1	16	152				

Sample ID: **1104287-04B-MSD** SampType: **MSD** TestCode: **Dry8082_Soil** Units: **µg/Kg-dry** Prep Date: **4/27/2011** RunNo: **57548**
Client ID: **550-S** Batch ID: **31945** TestNo: **SW8082A** **SW3550** Analysis Date: **4/27/2011** SeqNo: **808324**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1262	54	88	54.96	0	98.2	30	143	46.82	0	20	J
Surr: TCX	23		27.48		84.9	17	151		0	0	
Surr: DCB	17		27.48		62.9	16	152		0	0	

Sample ID: **1104287-04B-MS** SampType: **MS** TestCode: **Dry8082_Soil** Units: **µg/Kg-dry** Prep Date: **4/27/2011** RunNo: **57548**
Client ID: **550-S** Batch ID: **31945** TestNo: **SW8082A** **SW3550** Analysis Date: **4/27/2011** SeqNo: **808414**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1221	54	88	55.09	0	98.3	30	120				J
Surr: TCX	27		27.55		97.6	17	151				
Surr: DCB	20		27.55		73.2	16	152				

Sample ID: **1104287-04B-MSD** SampType: **MSD** TestCode: **Dry8082_Soil** Units: **µg/Kg-dry** Prep Date: **4/27/2011** RunNo: **57548**
Client ID: **550-S** Batch ID: **31945** TestNo: **SW8082A** **SW3550** Analysis Date: **4/27/2011** SeqNo: **808415**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1221	46	88	54.96	0	82.8	30	120				J
Surr: TCX	27		27.48		96.9	17	151				
Surr: DCB	18		27.48		64.6	16	152				

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1104287
Project: 211-08 Northern Blvd.

ANALYTICAL QC SUMMARY REPORT

TestCode: DRYHG_S

Sample ID: **1104287-04B-MS**	SampType: **MS**	TestCode: **DRYHG_S**	Units: **mg/Kg-dry**	Prep Date: **4/28/2011**	RunNo: **57555**
Client ID: **550-S**	Batch ID: **31963**	TestNo: **SW7471B**	**SW7471B**	Analysis Date: **4/28/2011**	SeqNo: **808466**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.233	0.0102	0.2048	0.01304	107	80	120				

Sample ID: **1104287-04B-MSD**	SampType: **MSD**	TestCode: **DRYHG_S**	Units: **mg/Kg-dry**	Prep Date: **4/28/2011**	RunNo: **57555**
Client ID: **550-S**	Batch ID: **31963**	TestNo: **SW7471B**	**SW7471B**	Analysis Date: **4/28/2011**	SeqNo: **808467**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.235	0.0103	0.2067	0.01304	107	80	120	0.2329	0.710	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1104287
Project: 211-08 Northern Blvd.

ANALYTICAL QC SUMMARY REPORT

TestCode: DRYRCRA_ICP

Sample ID: **1104296-01A-MS** SampType: **MS** TestCode: **DRYRCRA_IC** Units: **mg/Kg-dry** Prep Date: **4/28/2011** RunNo: **57560**
Client ID: **ZZZZZZ** Batch ID: **31962** TestNo: **SW6010C** **SW3050A** Analysis Date: **4/28/2011** SeqNo: **808624**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	24.9	0.570	23.55	5.065	84.1	63	120				
Barium	104	0.456	23.55	87.70	68.4	65	125				
Cadmium	18.8	0.456	23.55	0.1825	78.9	66	124				
Chromium	52.7	0.456	23.55	34.93	75.6	66	128				
Lead	144	0.456	23.55	130.1	60.0	64	124				S
Selenium	18.3	0.570	23.55	0.3422	76.2	60	122				
Silver	21.4	0.456	23.55	0.2966	89.6	67	123				

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

AMERICAN ANALYTICAL LABORATORIES

NYSDOH 11418
NJDEP NY050
CTDOH PH-0205
PADEP 68-00573

Monday, May 16, 2011

Jim DeMartinis
J.R. Holzmacher P.E. LLC
300 Wheeler Road, Suite 402
Hauppauge, NY 11788

TEL: (631) 234-2220
FAX (631) 234-2221

RE: 211-08 Northern Blvd.

Order No.: 1105135

Dear Jim DeMartinis:

American Analytical Laboratories, LLC. received 5 sample(s) on 5/12/2011 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. This package has been reviewed by American Analytical Laboratories' QA Department/Laboratory Director to comply with NELAC standards prior to report submittal. This report consists of 37 pages.

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
Lab Director

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735
(631) 454-6100 • FAX: (631) 454-8027

American Analytical Laboratories, LLC.

Date: *16-May-11*

CLIENT: J.R. Holzmacher P.E. LLC
Project: 211-08 Northern Blvd.
Lab Order: 1105135

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date Collected	Date Received
1105135-01A	211-08-C	5/12/2011 3:00:00 PM	5/12/2011
1105135-01B	211-08-C	5/12/2011 3:00:00 PM	5/12/2011
1105135-02A	211-08-N	5/12/2011 3:00:00 PM	5/12/2011
1105135-02B	211-08-N	5/12/2011 3:00:00 PM	5/12/2011
1105135-03A	211-08-S	5/12/2011 3:00:00 PM	5/12/2011
1105135-03B	211-08-S	5/12/2011 3:00:00 PM	5/12/2011
1105135-04A	211-08-E	5/12/2011 3:00:00 PM	5/12/2011
1105135-04B	211-08-E	5/12/2011 3:00:00 PM	5/12/2011
1105135-05A	211-08-W	5/12/2011 3:00:00 PM	5/12/2011
1105135-05B	211-08-W	5/12/2011 3:00:00 PM	5/12/2011

AMERICAN ANALYTICAL LABORATORIES
56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735
(631) 454-6100 • FAX (631) 454-8027
www.american-analytical.com

NYSDOH	11418
CTDOH	PH-0205
NJDEP	NY050
PADEP	68-573

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS: JR Holzmacher

CONTACT: Jim D.

SAMPLER (SIGNATURE):

SAMPLER NAME (PRINT):

SAMPLE(S) SEALED: YES / NO

CORRECT CONTAINER(S): YES / NO

TEMPERATURE (° C) _____

PROJECT LOCATION: 211-08 Northern Blvd

LABORATORY ID# LAB USE ONLY	MATRIX/ TYPE	NO. OF CONTAINERS	SAMPLING DATE	SAMPLING TIME	SAMPLE # - LOCATION	ANALYSIS REQUIRED: 8260	8270 STAT
1105135-01AB	S	2	5/12/11	3pm	211-08-C	✓	✓
-02AB	S	2			211-08-N	✓	✓
-03AB	S	2			211-08-S	✓	✓
-04AB	S	2			211-08-E	✓	✓
-05AB	S	2			211-08-W	✓	✓

COMMENTS / INSTRUCTIONS

Samples must be on ICE (<6° C)

MATRIX S=SOIL; W=WATER; SL=SLUDGE; A=AIR; M=MISCELLANEOUS
TYPE G=GRAB; C=COMPOSITE

TURNAROUND REQUIRED: STANDARD ☐ (7-10 business days) STAT ☑ BY 5/16/11

E-MAIL ADDRESS FOR RESULTS:

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
	5/12/11 4pm	Steve Uccellini		5/12/11 1655	Carl Barr
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

American Analytical Laboratories, LLC.

Sample Receipt Checklist

Client Name **HOLZMACHER** Date and Time Receive **5/12/2011 4:48:57 PM**

Work Order Numbe **1105135** RcptNo: **1** Received by **CB**

COC_ID: CoolerID:

Checklist completed by Signature 5/12/11 Date Reviewed by Initials 5/13/11 Date

Matrix: Carrier name Courier

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Presen ☐
Custody seals intact on shippping container/cooler?	Yes ☐	No ☐	Not Presen ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Presen ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Water - VOA vials have zero headspace?	No VOA vials submitted ☐	Yes ☑	No ☐
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐

Adjusted? _____ Checked b _____

Any No and/or NA (not applicable) response must be detailed in the comments section be

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments:

Corrective Action

American Analytical Laboratories, LLC.

Date: *16-May-11*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	211-08-C
Lab Order:	1105135	**Collection Date:**	5/12/2011 3:00:00 PM
Project:	211-08 Northern Blvd.	**Matrix:**	SOIL
Lab ID:	1105135-01A		

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	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
1,1,1-Trichloroethane	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
1,1,2,2-Tetrachloroethane	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
1,1,2-Trichloroethane	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
1,1-Dichloroethane	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
1,1-Dichloroethene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
1,1-Dichloropropene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
1,2,3-Trichlorobenzene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
1,2,3-Trichloropropane	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
1,2,4,5-Tetramethylbenzene	1.9	0.53	5.3	J	µg/Kg-dry	1	5/13/2011 10:17:00 PM
1,2,4-Trichlorobenzene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
1,2,4-Trimethylbenzene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
1,2-Dibromo-3-chloropropane	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
1,2-Dibromoethane	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
1,2-Dichlorobenzene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
1,2-Dichloroethane	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
1,2-Dichloropropane	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
1,3,5-Trimethylbenzene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
1,3-Dichlorobenzene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
1,3-dichloropropane	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
1,4-Dichlorobenzene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
1,4-Dioxane	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
2,2-Dichloropropane	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
2-Butanone	U	1.59	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
2-Chloroethyl vinyl ether	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
2-Chlorotoluene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
2-Hexanone	U	1.59	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
2-Propanol	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
4-Chlorotoluene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
4-Isopropyltoluene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
4-Methyl-2-pentanone	U	1.59	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
Acetone	U	1.59	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *16-May-11*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	211-08-C
Lab Order:	1105135	**Collection Date:**	5/12/2011 3:00:00 PM
Project:	211-08 Northern Blvd.	**Matrix:**	SOIL
Lab ID:	1105135-01A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
Acrolein	U	2.65	11		µg/Kg-dry	1	5/13/2011 10:17:00 PM
Acrylonitrile	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
Benzene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
Bromobenzene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
Bromochloromethane	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
Bromodichloromethane	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
Bromoform	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
Bromomethane	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
Carbon disulfide	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
Carbon tetrachloride	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
Chlorobenzene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
Chlorodifluoromethane	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
Chloroethane	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
Chloroform	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
Chloromethane	U	0.53	5.3	C	µg/Kg-dry	1	5/13/2011 10:17:00 PM
cis-1,2-Dichloroethene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
cis-1,3-Dichloropropene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
Dibromochloromethane	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
Dibromomethane	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
Dichlorodifluoromethane	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
Diisopropyl ether	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
Ethanol	U	2.65	11		µg/Kg-dry	1	5/13/2011 10:17:00 PM
Ethyl acetate	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
Ethylbenzene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
Freon-114	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
Hexachlorobutadiene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
Isopropyl acetate	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
Isopropylbenzene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
m,p-Xylene	U	1.06	11		µg/Kg-dry	1	5/13/2011 10:17:00 PM
Methyl Acetate	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
Methyl tert-butyl ether	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
Methylene chloride	8.3	0.53	5.3	B	µg/Kg-dry	1	5/13/2011 10:17:00 PM
n-Amyl acetate	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *16-May-11*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	211-08-C
Lab Order:	1105135	**Collection Date:**	5/12/2011 3:00:00 PM
Project:	211-08 Northern Blvd.	**Matrix:**	SOIL
Lab ID:	1105135-01A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
Naphthalene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
n-Butyl acetate	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
n-Butylbenzene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
n-Propyl acetate	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
n-Propylbenzene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
o-Xylene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
p-Diethylbenzene	0.97	0.53	5.3	J	µg/Kg-dry	1	5/13/2011 10:17:00 PM
p-Ethyltoluene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
sec-Butylbenzene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
Styrene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
t-Butyl alcohol	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
tert-Butylbenzene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
Tetrachloroethene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
Toluene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
trans-1,2-Dichloroethene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
trans-1,3-Dichloropropene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
Trichloroethene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
Trichlorofluoromethane	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
Vinyl acetate	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
Vinyl chloride	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 10:17:00 PM
Surr: 4-Bromofluorobenzene	97.5	0	64-132		%REC	1	5/13/2011 10:17:00 PM
Surr: Dibromofluoromethane	87.5	0	66-131		%REC	1	5/13/2011 10:17:00 PM
Surr: Toluene-d8	92.3	0	54-132		%REC	1	5/13/2011 10:17:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *16-May-11*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	211-08-C
Lab Order:	1105135	**Collection Date:**	5/12/2011 3:00:00 PM
Project:	211-08 Northern Blvd.	**Matrix:**	SOIL
Lab ID:	1105135-01B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PERCENT MOISTURE			**D2216**				Analyst: **CB**
Percent Moisture	8.39	0	0		wt%	1	5/13/2011
SEMIVOLATILE SW-846 METHOD 8270 (FUEL)			**SW8270D**		**SW3550C**		Analyst: **LDS**
Acenaphthene	U	26.6	270		µg/Kg-dry	1	5/13/2011 12:33:00 PM
Acenaphthylene	U	26.6	270		µg/Kg-dry	1	5/13/2011 12:33:00 PM
Anthracene	U	26.6	270		µg/Kg-dry	1	5/13/2011 12:33:00 PM
Benzo(a)anthracene	34	26.6	270	J	µg/Kg-dry	1	5/13/2011 12:33:00 PM
Benzo(a)pyrene	30	26.6	270	J	µg/Kg-dry	1	5/13/2011 12:33:00 PM
Benzo(b)fluoranthene	U	26.6	270		µg/Kg-dry	1	5/13/2011 12:33:00 PM
Benzo(g,h,i)perylene	U	26.6	270		µg/Kg-dry	1	5/13/2011 12:33:00 PM
Benzo(k)fluoranthene	U	26.6	270		µg/Kg-dry	1	5/13/2011 12:33:00 PM
Chrysene	33	26.6	270	J	µg/Kg-dry	1	5/13/2011 12:33:00 PM
Dibenzo(a,h)anthracene	U	26.6	270		µg/Kg-dry	1	5/13/2011 12:33:00 PM
Fluoranthene	62	26.6	270	J	µg/Kg-dry	1	5/13/2011 12:33:00 PM
Fluorene	U	26.6	270		µg/Kg-dry	1	5/13/2011 12:33:00 PM
Indeno(1,2,3-c,d)pyrene	U	26.6	270		µg/Kg-dry	1	5/13/2011 12:33:00 PM
Phenanthrene	35	26.6	270	J	µg/Kg-dry	1	5/13/2011 12:33:00 PM
Pyrene	62	26.6	270	J	µg/Kg-dry	1	5/13/2011 12:33:00 PM
Surr: 2-Fluorobiphenyl	52.0	0	23-120		%REC	1	5/13/2011 12:33:00 PM
Surr: 4-Terphenyl-d14	57.5	0	23-128		%REC	1	5/13/2011 12:33:00 PM
Surr: Nitrobenzene-d5	49.9	0	18-116		%REC	1	5/13/2011 12:33:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *16-May-11*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	211-08-N
Lab Order:	1105135	**Collection Date:**	5/12/2011 3:00:00 PM
Project:	211-08 Northern Blvd.	**Matrix:**	SOIL
Lab ID:	1105135-02A		

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	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
1,1,1-Trichloroethane	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
1,1,2,2-Tetrachloroethane	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
1,1,2-Trichloroethane	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
1,1-Dichloroethane	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
1,1-Dichloroethene	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
1,1-Dichloropropene	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
1,2,3-Trichlorobenzene	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
1,2,3-Trichloropropane	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
1,2,4,5-Tetramethylbenzene	300	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
1,2,4-Trichlorobenzene	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
1,2,4-Trimethylbenzene	150	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
1,2-Dibromo-3-chloropropane	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
1,2-Dibromoethane	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
1,2-Dichlorobenzene	14	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
1,2-Dichloroethane	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
1,2-Dichloropropane	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
1,3,5-Trimethylbenzene	110	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
1,3-Dichlorobenzene	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
1,3-dichloropropane	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
1,4-Dichlorobenzene	2.0	0.55	5.5	J	µg/Kg-dry	1	5/13/2011 10:47:00 PM
1,4-Dioxane	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
2,2-Dichloropropane	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
2-Butanone	U	1.65	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
2-Chloroethyl vinyl ether	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
2-Chlorotoluene	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
2-Hexanone	U	1.65	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
2-Propanol	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
4-Chlorotoluene	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
4-Isopropyltoluene	39	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
4-Methyl-2-pentanone	U	1.65	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
Acetone	U	1.65	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *16-May-11*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	211-08-N
Lab Order:	1105135	**Collection Date:**	5/12/2011 3:00:00 PM
Project:	211-08 Northern Blvd.	**Matrix:**	SOIL
Lab ID:	1105135-02A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: LA
Acrolein	U	2.75	11		µg/Kg-dry	1	5/13/2011 10:47:00 PM
Acrylonitrile	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
Benzene	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
Bromobenzene	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
Bromochloromethane	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
Bromodichloromethane	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
Bromoform	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
Bromomethane	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
Carbon disulfide	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
Carbon tetrachloride	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
Chlorobenzene	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
Chlorodifluoromethane	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
Chloroethane	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
Chloroform	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
Chloromethane	U	0.55	5.5	C	µg/Kg-dry	1	5/13/2011 10:47:00 PM
cis-1,2-Dichloroethene	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
cis-1,3-Dichloropropene	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
Dibromochloromethane	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
Dibromomethane	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
Dichlorodifluoromethane	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
Diisopropyl ether	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
Ethanol	U	2.75	11		µg/Kg-dry	1	5/13/2011 10:47:00 PM
Ethyl acetate	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
Ethylbenzene	4.8	0.55	5.5	J	µg/Kg-dry	1	5/13/2011 10:47:00 PM
Freon-114	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
Hexachlorobutadiene	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
Isopropyl acetate	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
Isopropylbenzene	6.0	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
m,p-Xylene	48	1.1	11		µg/Kg-dry	1	5/13/2011 10:47:00 PM
Methyl Acetate	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
Methyl tert-butyl ether	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
Methylene chloride	8.7	0.55	5.5	B	µg/Kg-dry	1	5/13/2011 10:47:00 PM
n-Amyl acetate	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *16-May-11*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	211-08-N
Lab Order:	1105135	**Collection Date:**	5/12/2011 3:00:00 PM
Project:	211-08 Northern Blvd.	**Matrix:**	SOIL
Lab ID:	1105135-02A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: LA
Naphthalene	80	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
n-Butyl acetate	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
n-Butylbenzene	17	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
n-Propyl acetate	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
n-Propylbenzene	12	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
o-Xylene	47	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
p-Diethylbenzene	200	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
p-Ethyltoluene	160	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
sec-Butylbenzene	11	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
Styrene	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
t-Butyl alcohol	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
tert-Butylbenzene	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
Tetrachloroethene	0.59	0.55	5.5	J	µg/Kg-dry	1	5/13/2011 10:47:00 PM
Toluene	5.9	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
trans-1,2-Dichloroethene	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
trans-1,3-Dichloropropene	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
Trichloroethene	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
Trichlorofluoromethane	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
Vinyl acetate	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
Vinyl chloride	U	0.55	5.5		µg/Kg-dry	1	5/13/2011 10:47:00 PM
Surr: 4-Bromofluorobenzene	131	0	64-132		%REC	1	5/13/2011 10:47:00 PM
Surr: Dibromofluoromethane	98.3	0	66-131		%REC	1	5/13/2011 10:47:00 PM
Surr: Toluene-d8	89.2	0	54-132		%REC	1	5/13/2011 10:47:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *16-May-11*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	211-08-N
Lab Order:	1105135	**Collection Date:**	5/12/2011 3:00:00 PM
Project:	211-08 Northern Blvd.	**Matrix:**	SOIL
Lab ID:	1105135-02B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PERCENT MOISTURE			**D2216**				Analyst: **CB**
Percent Moisture	8.65	0	0		wt%	1	5/13/2011
SEMIVOLATILE SW-846 METHOD 8270 (FUEL)			**SW8270D**		**SW3550C**		Analyst: **LDS**
Acenaphthene	36	26.7	270	J	µg/Kg-dry	1	5/13/2011 12:58:00 PM
Acenaphthylene	U	26.7	270		µg/Kg-dry	1	5/13/2011 12:58:00 PM
Anthracene	U	26.7	270		µg/Kg-dry	1	5/13/2011 12:58:00 PM
Benzo(a)anthracene	U	26.7	270		µg/Kg-dry	1	5/13/2011 12:58:00 PM
Benzo(a)pyrene	U	26.7	270		µg/Kg-dry	1	5/13/2011 12:58:00 PM
Benzo(b)fluoranthene	U	26.7	270		µg/Kg-dry	1	5/13/2011 12:58:00 PM
Benzo(g,h,i)perylene	U	26.7	270		µg/Kg-dry	1	5/13/2011 12:58:00 PM
Benzo(k)fluoranthene	U	26.7	270		µg/Kg-dry	1	5/13/2011 12:58:00 PM
Chrysene	40	26.7	270	J	µg/Kg-dry	1	5/13/2011 12:58:00 PM
Dibenzo(a,h)anthracene	U	26.7	270		µg/Kg-dry	1	5/13/2011 12:58:00 PM
Fluoranthene	32	26.7	270	J	µg/Kg-dry	1	5/13/2011 12:58:00 PM
Fluorene	74	26.7	270	J	µg/Kg-dry	1	5/13/2011 12:58:00 PM
Indeno(1,2,3-c,d)pyrene	U	26.7	270		µg/Kg-dry	1	5/13/2011 12:58:00 PM
Phenanthrene	100	26.7	270	J	µg/Kg-dry	1	5/13/2011 12:58:00 PM
Pyrene	95	26.7	270	J	µg/Kg-dry	1	5/13/2011 12:58:00 PM
Surr: 2-Fluorobiphenyl	49.2	0	23-120		%REC	1	5/13/2011 12:58:00 PM
Surr: 4-Terphenyl-d14	71.6	0	23-128		%REC	1	5/13/2011 12:58:00 PM
Surr: Nitrobenzene-d5	43.5	0	18-116		%REC	1	5/13/2011 12:58:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *16-May-11*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	211-08-S
Lab Order:	1105135	**Collection Date:**	5/12/2011 3:00:00 PM
Project:	211-08 Northern Blvd.	**Matrix:**	SOIL
Lab ID:	1105135-03A		

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	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
1,1,1-Trichloroethane	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
1,1,2,2-Tetrachloroethane	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
1,1,2-Trichloroethane	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
1,1-Dichloroethane	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
1,1-Dichloroethene	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
1,1-Dichloropropene	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
1,2,3-Trichlorobenzene	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
1,2,3-Trichloropropane	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
1,2,4,5-Tetramethylbenzene	1.8	0.51	5.1	J	µg/Kg-dry	1	5/16/2011 12:09:00 PM
1,2,4-Trichlorobenzene	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
1,2,4-Trimethylbenzene	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
1,2-Dibromo-3-chloropropane	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
1,2-Dibromoethane	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
1,2-Dichlorobenzene	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
1,2-Dichloroethane	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
1,2-Dichloropropane	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
1,3,5-Trimethylbenzene	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
1,3-Dichlorobenzene	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
1,3-dichloropropane	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
1,4-Dichlorobenzene	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
1,4-Dioxane	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
2,2-Dichloropropane	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
2-Butanone	U	1.54	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
2-Chloroethyl vinyl ether	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
2-Chlorotoluene	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
2-Hexanone	U	1.54	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
2-Propanol	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
4-Chlorotoluene	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
4-Isopropyltoluene	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
4-Methyl-2-pentanone	U	1.54	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
Acetone	U	1.54	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *16-May-11*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	211-08-S
Lab Order:	1105135	**Collection Date:**	5/12/2011 3:00:00 PM
Project:	211-08 Northern Blvd.	**Matrix:**	SOIL
Lab ID:	1105135-03A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
Acrolein	U	2.57	10		µg/Kg-dry	1	5/16/2011 12:09:00 PM
Acrylonitrile	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
Benzene	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
Bromobenzene	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
Bromochloromethane	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
Bromodichloromethane	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
Bromoform	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
Bromomethane	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
Carbon disulfide	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
Carbon tetrachloride	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
Chlorobenzene	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
Chlorodifluoromethane	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
Chloroethane	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
Chloroform	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
Chloromethane	U	0.51	5.1	C	µg/Kg-dry	1	5/16/2011 12:09:00 PM
cis-1,2-Dichloroethene	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
cis-1,3-Dichloropropene	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
Dibromochloromethane	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
Dibromomethane	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
Dichlorodifluoromethane	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
Diisopropyl ether	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
Ethanol	U	2.57	10		µg/Kg-dry	1	5/16/2011 12:09:00 PM
Ethyl acetate	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
Ethylbenzene	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
Freon-114	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
Hexachlorobutadiene	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
Isopropyl acetate	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
Isopropylbenzene	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
m,p-Xylene	U	1.03	10		µg/Kg-dry	1	5/16/2011 12:09:00 PM
Methyl Acetate	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
Methyl tert-butyl ether	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
Methylene chloride	7.1	0.51	5.1	B	µg/Kg-dry	1	5/16/2011 12:09:00 PM
n-Amyl acetate	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *16-May-11*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	211-08-S
Lab Order:	1105135	**Collection Date:**	5/12/2011 3:00:00 PM
Project:	211-08 Northern Blvd.	**Matrix:**	SOIL
Lab ID:	1105135-03A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
Naphthalene	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
n-Butyl acetate	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
n-Butylbenzene	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
n-Propyl acetate	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
n-Propylbenzene	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
o-Xylene	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
p-Diethylbenzene	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
p-Ethyltoluene	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
sec-Butylbenzene	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
Styrene	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
t-Butyl alcohol	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
tert-Butylbenzene	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
Tetrachloroethene	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
Toluene	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
trans-1,2-Dichloroethene	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
trans-1,3-Dichloropropene	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
Trichloroethene	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
Trichlorofluoromethane	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
Vinyl acetate	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
Vinyl chloride	U	0.51	5.1		µg/Kg-dry	1	5/16/2011 12:09:00 PM
Surr: 4-Bromofluorobenzene	94.3	0	64-132		%REC	1	5/16/2011 12:09:00 PM
Surr: Dibromofluoromethane	87.8	0	66-131		%REC	1	5/16/2011 12:09:00 PM
Surr: Toluene-d8	90.5	0	54-132		%REC	1	5/16/2011 12:09:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *16-May-11*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	211-08-S
Lab Order:	1105135	**Collection Date:**	5/12/2011 3:00:00 PM
Project:	211-08 Northern Blvd.	**Matrix:**	SOIL
Lab ID:	1105135-03B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PERCENT MOISTURE			**D2216**				Analyst: **CB**
Percent Moisture	5.76	0	0		wt%	1	5/13/2011
SEMIVOLATILE SW-846 METHOD 8270 (FUEL)			**SW8270D**		**SW3550C**		Analyst: **LDS**
Acenaphthene	U	26.1	260		µg/Kg-dry	1	5/13/2011 1:23:00 PM
Acenaphthylene	U	26.1	260		µg/Kg-dry	1	5/13/2011 1:23:00 PM
Anthracene	U	26.1	260		µg/Kg-dry	1	5/13/2011 1:23:00 PM
Benzo(a)anthracene	U	26.1	260		µg/Kg-dry	1	5/13/2011 1:23:00 PM
Benzo(a)pyrene	U	26.1	260		µg/Kg-dry	1	5/13/2011 1:23:00 PM
Benzo(b)fluoranthene	U	26.1	260		µg/Kg-dry	1	5/13/2011 1:23:00 PM
Benzo(g,h,i)perylene	U	26.1	260		µg/Kg-dry	1	5/13/2011 1:23:00 PM
Benzo(k)fluoranthene	U	26.1	260		µg/Kg-dry	1	5/13/2011 1:23:00 PM
Chrysene	U	26.1	260		µg/Kg-dry	1	5/13/2011 1:23:00 PM
Dibenzo(a,h)anthracene	U	26.1	260		µg/Kg-dry	1	5/13/2011 1:23:00 PM
Fluoranthene	U	26.1	260		µg/Kg-dry	1	5/13/2011 1:23:00 PM
Fluorene	U	26.1	260		µg/Kg-dry	1	5/13/2011 1:23:00 PM
Indeno(1,2,3-c,d)pyrene	U	26.1	260		µg/Kg-dry	1	5/13/2011 1:23:00 PM
Phenanthrene	U	26.1	260		µg/Kg-dry	1	5/13/2011 1:23:00 PM
Pyrene	U	26.1	260		µg/Kg-dry	1	5/13/2011 1:23:00 PM
Surr: 2-Fluorobiphenyl	54.6	0	23-120		%REC	1	5/13/2011 1:23:00 PM
Surr: 4-Terphenyl-d14	59.6	0	23-128		%REC	1	5/13/2011 1:23:00 PM
Surr: Nitrobenzene-d5	54.2	0	18-116		%REC	1	5/13/2011 1:23:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *16-May-11*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	211-08-E
Lab Order:	1105135	**Collection Date:**	5/12/2011 3:00:00 PM
Project:	211-08 Northern Blvd.	**Matrix:**	SOIL
Lab ID:	1105135-04A		

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	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
1,1,1-Trichloroethane	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
1,1,2,2-Tetrachloroethane	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
1,1,2-Trichloroethane	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
1,1-Dichloroethane	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
1,1-Dichloroethene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
1,1-Dichloropropene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
1,2,3-Trichlorobenzene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
1,2,3-Trichloropropane	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
1,2,4,5-Tetramethylbenzene	1400	66.7	670		µg/Kg-dry	125	5/16/2011 1:10:00 PM
1,2,4-Trichlorobenzene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
1,2,4-Trimethylbenzene	240	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
1,2-Dibromo-3-chloropropane	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
1,2-Dibromoethane	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
1,2-Dichlorobenzene	21	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
1,2-Dichloroethane	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
1,2-Dichloropropane	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
1,3,5-Trimethylbenzene	200	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
1,3-Dichlorobenzene	2.5	0.53	5.3	J	µg/Kg-dry	1	5/13/2011 11:48:00 PM
1,3-dichloropropane	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
1,4-Dichlorobenzene	3.9	0.53	5.3	J	µg/Kg-dry	1	5/13/2011 11:48:00 PM
1,4-Dioxane	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
2,2-Dichloropropane	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
2-Butanone	U	1.60	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
2-Chloroethyl vinyl ether	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
2-Chlorotoluene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
2-Hexanone	U	1.60	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
2-Propanol	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
4-Chlorotoluene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
4-Isopropyltoluene	65	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
4-Methyl-2-pentanone	U	1.60	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
Acetone	U	1.60	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *16-May-11*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	211-08-E
Lab Order:	1105135	**Collection Date:**	5/12/2011 3:00:00 PM
Project:	211-08 Northern Blvd.	**Matrix:**	SOIL
Lab ID:	1105135-04A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: LA
Acrolein	U	2.67	11		µg/Kg-dry	1	5/13/2011 11:48:00 PM
Acrylonitrile	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
Benzene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
Bromobenzene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
Bromochloromethane	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
Bromodichloromethane	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
Bromoform	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
Bromomethane	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
Carbon disulfide	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
Carbon tetrachloride	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
Chlorobenzene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
Chlorodifluoromethane	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
Chloroethane	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
Chloroform	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
Chloromethane	U	0.53	5.3	C	µg/Kg-dry	1	5/13/2011 11:48:00 PM
cis-1,2-Dichloroethene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
cis-1,3-Dichloropropene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
Dibromochloromethane	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
Dibromomethane	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
Dichlorodifluoromethane	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
Diisopropyl ether	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
Ethanol	U	2.67	11		µg/Kg-dry	1	5/13/2011 11:48:00 PM
Ethyl acetate	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
Ethylbenzene	28	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
Freon-114	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
Hexachlorobutadiene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
Isopropyl acetate	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
Isopropylbenzene	17	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
m,p-Xylene	210	1.07	11		µg/Kg-dry	1	5/13/2011 11:48:00 PM
Methyl Acetate	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
Methyl tert-butyl ether	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
Methylene chloride	7.5	0.53	5.3	B	µg/Kg-dry	1	5/13/2011 11:48:00 PM
n-Amyl acetate	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *16-May-11*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	211-08-E
Lab Order:	1105135	**Collection Date:**	5/12/2011 3:00:00 PM
Project:	211-08 Northern Blvd.	**Matrix:**	SOIL
Lab ID:	1105135-04A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: LA
Naphthalene	120	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
n-Butyl acetate	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
n-Butylbenzene	32	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
n-Propyl acetate	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
n-Propylbenzene	32	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
o-Xylene	200	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
p-Diethylbenzene	800	66.7	670		µg/Kg-dry	125	5/16/2011 1:10:00 PM
p-Ethyltoluene	250	66.7	670	J	µg/Kg-dry	125	5/16/2011 1:10:00 PM
sec-Butylbenzene	19	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
Styrene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
t-Butyl alcohol	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
tert-Butylbenzene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
Tetrachloroethene	1.6	0.53	5.3	J	µg/Kg-dry	1	5/13/2011 11:48:00 PM
Toluene	33	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
trans-1,2-Dichloroethene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
trans-1,3-Dichloropropene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
Trichloroethene	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
Trichlorofluoromethane	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
Vinyl acetate	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
Vinyl chloride	U	0.53	5.3		µg/Kg-dry	1	5/13/2011 11:48:00 PM
Surr: 4-Bromofluorobenzene	95.9	0	64-132		%REC	125	5/16/2011 1:10:00 PM
Surr: 4-Bromofluorobenzene	189	0	64-132	S	%REC	1	5/13/2011 11:48:00 PM
Surr: Dibromofluoromethane	100	0	66-131		%REC	125	5/16/2011 1:10:00 PM
Surr: Dibromofluoromethane	90.5	0	66-131		%REC	1	5/13/2011 11:48:00 PM
Surr: Toluene-d8	95.7	0	54-132		%REC	125	5/16/2011 1:10:00 PM
Surr: Toluene-d8	89.3	0	54-132		%REC	1	5/13/2011 11:48:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *16-May-11*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	211-08-E
Lab Order:	1105135	**Collection Date:**	5/12/2011 3:00:00 PM
Project:	211-08 Northern Blvd.	**Matrix:**	SOIL
Lab ID:	1105135-04B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PERCENT MOISTURE			**D2216**				Analyst: **CB**
Percent Moisture	8.36	0	0		wt%	1	5/13/2011
SEMIVOLATILE SW-846 METHOD 8270 (FUEL)			**SW8270D**		**SW3550C**		Analyst: **LDS**
Acenaphthene	42	26.8	270	J	µg/Kg-dry	1	5/13/2011 1:48:00 PM
Acenaphthylene	U	26.8	270		µg/Kg-dry	1	5/13/2011 1:48:00 PM
Anthracene	U	26.8	270		µg/Kg-dry	1	5/13/2011 1:48:00 PM
Benzo(a)anthracene	43	26.8	270	J	µg/Kg-dry	1	5/13/2011 1:48:00 PM
Benzo(a)pyrene	33	26.8	270	J	µg/Kg-dry	1	5/13/2011 1:48:00 PM
Benzo(b)fluoranthene	28	26.8	270	J	µg/Kg-dry	1	5/13/2011 1:48:00 PM
Benzo(g,h,i)perylene	49	26.8	270	J	µg/Kg-dry	1	5/13/2011 1:48:00 PM
Benzo(k)fluoranthene	U	26.8	270		µg/Kg-dry	1	5/13/2011 1:48:00 PM
Chrysene	31	26.8	270	J	µg/Kg-dry	1	5/13/2011 1:48:00 PM
Dibenzo(a,h)anthracene	U	26.8	270		µg/Kg-dry	1	5/13/2011 1:48:00 PM
Fluoranthene	60	26.8	270	J	µg/Kg-dry	1	5/13/2011 1:48:00 PM
Fluorene	75	26.8	270	J	µg/Kg-dry	1	5/13/2011 1:48:00 PM
Indeno(1,2,3-c,d)pyrene	U	26.8	270		µg/Kg-dry	1	5/13/2011 1:48:00 PM
Phenanthrene	120	26.8	270	J	µg/Kg-dry	1	5/13/2011 1:48:00 PM
Pyrene	86	26.8	270	J	µg/Kg-dry	1	5/13/2011 1:48:00 PM
Surr: 2-Fluorobiphenyl	55.3	0	23-120		%REC	1	5/13/2011 1:48:00 PM
Surr: 4-Terphenyl-d14	61.4	0	23-128		%REC	1	5/13/2011 1:48:00 PM
Surr: Nitrobenzene-d5	69.8	0	18-116		%REC	1	5/13/2011 1:48:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *16-May-11*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	211-08-W
Lab Order:	1105135	**Collection Date:**	5/12/2011 3:00:00 PM
Project:	211-08 Northern Blvd.	**Matrix:**	SOIL
Lab ID:	1105135-05A		

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	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
1,1,1-Trichloroethane	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
1,1,2,2-Tetrachloroethane	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
1,1,2-Trichloroethane	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
1,1-Dichloroethane	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
1,1-Dichloroethene	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
1,1-Dichloropropene	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
1,2,3-Trichlorobenzene	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
1,2,3-Trichloropropane	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
1,2,4,5-Tetramethylbenzene	8.2	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
1,2,4-Trichlorobenzene	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
1,2,4-Trimethylbenzene	0.79	0.55	5.5	J	µg/Kg-dry	1	5/16/2011 12:39:00 PM
1,2-Dibromo-3-chloropropane	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
1,2-Dibromoethane	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
1,2-Dichlorobenzene	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
1,2-Dichloroethane	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
1,2-Dichloropropane	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
1,3,5-Trimethylbenzene	4.3	0.55	5.5	J	µg/Kg-dry	1	5/16/2011 12:39:00 PM
1,3-Dichlorobenzene	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
1,3-dichloropropane	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
1,4-Dichlorobenzene	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
1,4-Dioxane	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
2,2-Dichloropropane	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
2-Butanone	U	1.64	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
2-Chloroethyl vinyl ether	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
2-Chlorotoluene	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
2-Hexanone	U	1.64	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
2-Propanol	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
4-Chlorotoluene	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
4-Isopropyltoluene	1.2	0.55	5.5	J	µg/Kg-dry	1	5/16/2011 12:39:00 PM
4-Methyl-2-pentanone	U	1.64	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
Acetone	U	1.64	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *16-May-11*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	211-08-W
Lab Order:	1105135	**Collection Date:**	5/12/2011 3:00:00 PM
Project:	211-08 Northern Blvd.	**Matrix:**	SOIL
Lab ID:	1105135-05A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
Acrolein	U	2.74	11		µg/Kg-dry	1	5/16/2011 12:39:00 PM
Acrylonitrile	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
Benzene	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
Bromobenzene	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
Bromochloromethane	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
Bromodichloromethane	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
Bromoform	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
Bromomethane	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
Carbon disulfide	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
Carbon tetrachloride	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
Chlorobenzene	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
Chlorodifluoromethane	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
Chloroethane	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
Chloroform	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
Chloromethane	U	0.55	5.5	C	µg/Kg-dry	1	5/16/2011 12:39:00 PM
cis-1,2-Dichloroethene	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
cis-1,3-Dichloropropene	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
Dibromochloromethane	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
Dibromomethane	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
Dichlorodifluoromethane	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
Diisopropyl ether	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
Ethanol	U	2.74	11		µg/Kg-dry	1	5/16/2011 12:39:00 PM
Ethyl acetate	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
Ethylbenzene	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
Freon-114	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
Hexachlorobutadiene	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
Isopropyl acetate	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
Isopropylbenzene	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
m,p-Xylene	U	1.09	11		µg/Kg-dry	1	5/16/2011 12:39:00 PM
Methyl Acetate	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
Methyl tert-butyl ether	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
Methylene chloride	9.4	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
n-Amyl acetate	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *16-May-11*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	211-08-W
Lab Order:	1105135	**Collection Date:**	5/12/2011 3:00:00 PM
Project:	211-08 Northern Blvd.	**Matrix:**	SOIL
Lab ID:	1105135-05A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: LA
Naphthalene	1.1	0.55	5.5	J	µg/Kg-dry	1	5/16/2011 12:39:00 PM
n-Butyl acetate	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
n-Butylbenzene	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
n-Propyl acetate	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
n-Propylbenzene	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
o-Xylene	3.6	0.55	5.5	J	µg/Kg-dry	1	5/16/2011 12:39:00 PM
p-Diethylbenzene	6.2	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
p-Ethyltoluene	3.7	0.55	5.5	J	µg/Kg-dry	1	5/16/2011 12:39:00 PM
sec-Butylbenzene	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
Styrene	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
t-Butyl alcohol	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
tert-Butylbenzene	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
Tetrachloroethene	0.59	0.55	5.5	J	µg/Kg-dry	1	5/16/2011 12:39:00 PM
Toluene	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
trans-1,2-Dichloroethene	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
trans-1,3-Dichloropropene	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
Trichloroethene	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
Trichlorofluoromethane	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
Vinyl acetate	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
Vinyl chloride	U	0.55	5.5		µg/Kg-dry	1	5/16/2011 12:39:00 PM
Surr: 4-Bromofluorobenzene	90.3	0	64-132		%REC	1	5/16/2011 12:39:00 PM
Surr: Dibromofluoromethane	93.4	0	66-131		%REC	1	5/16/2011 12:39:00 PM
Surr: Toluene-d8	91.6	0	54-132		%REC	1	5/16/2011 12:39:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *16-May-11*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	211-08-W
Lab Order:	1105135	**Collection Date:**	5/12/2011 3:00:00 PM
Project:	211-08 Northern Blvd.	**Matrix:**	SOIL
Lab ID:	1105135-05B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PERCENT MOISTURE			**D2216**				Analyst: **CB**
Percent Moisture	8.29	0	0		wt%	1	5/13/2011
SEMIVOLATILE SW-846 METHOD 8270 (FUEL)			**SW8270D**		**SW3550C**		Analyst: **LDS**
Acenaphthene	U	26.4	260		µg/Kg-dry	1	5/13/2011 2:13:00 PM
Acenaphthylene	U	26.4	260		µg/Kg-dry	1	5/13/2011 2:13:00 PM
Anthracene	U	26.4	260		µg/Kg-dry	1	5/13/2011 2:13:00 PM
Benzo(a)anthracene	U	26.4	260		µg/Kg-dry	1	5/13/2011 2:13:00 PM
Benzo(a)pyrene	U	26.4	260		µg/Kg-dry	1	5/13/2011 2:13:00 PM
Benzo(b)fluoranthene	U	26.4	260		µg/Kg-dry	1	5/13/2011 2:13:00 PM
Benzo(g,h,i)perylene	110	26.4	260	J	µg/Kg-dry	1	5/13/2011 2:13:00 PM
Benzo(k)fluoranthene	U	26.4	260		µg/Kg-dry	1	5/13/2011 2:13:00 PM
Chrysene	U	26.4	260		µg/Kg-dry	1	5/13/2011 2:13:00 PM
Dibenzo(a,h)anthracene	U	26.4	260		µg/Kg-dry	1	5/13/2011 2:13:00 PM
Fluoranthene	U	26.4	260		µg/Kg-dry	1	5/13/2011 2:13:00 PM
Fluorene	U	26.4	260		µg/Kg-dry	1	5/13/2011 2:13:00 PM
Indeno(1,2,3-c,d)pyrene	U	26.4	260		µg/Kg-dry	1	5/13/2011 2:13:00 PM
Phenanthrene	U	26.4	260		µg/Kg-dry	1	5/13/2011 2:13:00 PM
Pyrene	U	26.4	260		µg/Kg-dry	1	5/13/2011 2:13:00 PM
Surr: 2-Fluorobiphenyl	56.6	0	23-120		%REC	1	5/13/2011 2:13:00 PM
Surr: 4-Terphenyl-d14	60.3	0	23-128		%REC	1	5/13/2011 2:13:00 PM
Surr: Nitrobenzene-d5	62.3	0	18-116		%REC	1	5/13/2011 2:13:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *16-May-11*

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1105135
Project: 211-08 Northern Blvd.

ANALYTICAL QC SUMMARY REPORT

TestCode: DRY8270FUEL_SOIL

Sample ID: **MB-32088** SampType: **MBLK** TestCode: **DRY8270FUE** Units: **µg/Kg** Prep Date: **5/13/2011** RunNo: **57889**
Client ID: **PBS** Batch ID: **32088** TestNo: **SW8270D SW3550C** Analysis Date: **5/13/2011** SeqNo: **812403**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	U	250									
Acenaphthylene	U	250									
Anthracene	U	250									
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									
Chrysene	U	250									
Dibenzo(a,h)anthracene	U	250									
Fluoranthene	U	250									
Fluorene	U	250									
Indeno(1,2,3-c,d)pyrene	U	250									
Phenanthrene	U	250									
Pyrene	U	250									
Surr: 2-Fluorobiphenyl	620		987.7		63.2	23	120				
Surr: 4-Terphenyl-d14	740		987.7		74.5	23	128				
Surr: Nitrobenzene-d5	620		987.7		62.9	18	116				

Sample ID: **LCS-32088** SampType: **LCS** TestCode: **DRY8270FUE** Units: **µg/Kg** Prep Date: **5/13/2011** RunNo: **57889**
Client ID: **LCSS** Batch ID: **32088** TestNo: **SW8270D SW3550C** Analysis Date: **5/13/2011** SeqNo: **812404**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	1200	250	1983	0	59.8	38	122				
Acenaphthylene	1200	250	1983	0	58.7	48	121				
Anthracene	1200	250	1983	0	61.5	40	120				
Benzo(a)anthracene	1200	250	1983	0	59.7	45	120				
Benzo(a)pyrene	1300	250	1983	0	68.0	47	120				
Benzo(b)fluoranthene	1400	250	1983	0	71.3	42	119				

Qualifiers:
B Analyte detected in the associated Method Blank
C Calibration %RSD/%D exceeded for non-CCC analytes
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
LOD Limit of Detection
LOQ Limit of Quantitation
P >40% diff for detected conc between the two GC column
R RPD outside accepted recovery limits

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1105135
Project: 211-08 Northern Blvd.

ANALYTICAL QC SUMMARY REPORT

TestCode: DRY8270FUEL_SOIL

Sample ID: **LCS-32088**	SampType: **LCS**	TestCode: **DRY8270FUE**	Units: **µg/Kg**	Prep Date: **5/13/2011**	RunNo: **57889**
Client ID: **LCSS**	Batch ID: **32088**	TestNo: **SW8270D**	**SW3550C**	Analysis Date: **5/13/2011**	SeqNo: **812404**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(g,h,i)perylene	1000	250	1983	0	51.6	42	138				
Benzo(k)fluoranthene	1500	250	1983	0	75.2	35	130				
Chrysene	1300	250	1983	0	63.9	43	125				
Dibenzo(a,h)anthracene	1100	250	1983	0	53.8	43	133				
Fluoranthene	1200	250	1983	0	62.4	42	120				
Fluorene	1100	250	1983	0	56.4	38	122				
Indeno(1,2,3-c,d)pyrene	1100	250	1983	0	53.8	49	150				
Phenanthrene	1200	250	1983	0	58.7	49	126				
Pyrene	1300	250	1983	0	66.6	39	123				
Surr: 2-Fluorobiphenyl	590		991.6		60.0	23	120				
Surr: 4-Terphenyl-d14	600		991.6		60.8	23	128				
Surr: Nitrobenzene-d5	630		991.6		63.1	18	116				

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1105135
Project: 211-08 Northern Blvd.

ANALYTICAL QC SUMMARY REPORT

TestCode: DryFull8260_Soil

Sample ID: **V624LCS-051311aH** SampType: **LCS** TestCode: **DryFull8260_** Units: **µg/Kg** Prep Date: **5/13/2011** RunNo: **57892**
Client ID: **LCSS** Batch ID: **R57892** TestNo: **SW8260C** Analysis Date: **5/13/2011** SeqNo: **812417**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	39	5.0	50.00	0	77.2	26	120				
1,1,2,2-Tetrachloroethane	42	5.0	50.00	0	83.8	30	130				
1,1,2-Trichloroethane	39	5.0	50.00	0	78.7	26	126				
1,1-Dichloroethane	35	5.0	50.00	0	70.1	20	129				
1,1-Dichloroethene	36	5.0	50.00	0	71.5	25	130				
1,2-Dichlorobenzene	38	5.0	50.00	0	77.0	21	120				
1,2-Dichloroethane	38	5.0	50.00	0	76.4	20	120				
1,2-Dichloropropane	37	5.0	50.00	0	74.3	22	126				
1,3-Dichlorobenzene	39	5.0	50.00	0	78.2	23	120				
1,4-Dichlorobenzene	38	5.0	50.00	0	75.4	26	123				
2-Chloroethyl vinyl ether	35	5.0	50.00	0	69.2	20	125				
Benzene	37	5.0	50.00	0	73.1	30	130				
Bromodichloromethane	37	5.0	50.00	0	74.8	30	130				
Bromoform	43	5.0	50.00	0	85.3	20	123				
Bromomethane	27	5.0	50.00	0	53.2	35	133				
Carbon tetrachloride	38	5.0	50.00	0	76.3	25	125				
Chlorobenzene	39	5.0	50.00	0	77.9	21	133				
Chloroethane	39	5.0	50.00	0	77.4	40	144				
Chloroform	35	5.0	50.00	0	69.8	26	124				
Chloromethane	23	5.0	50.00	0	46.6	36	140				C
cis-1,3-Dichloropropene	38	5.0	50.00	0	75.7	22	122				
Dibromochloromethane	41	5.0	50.00	0	81.4	22	124				
Ethylbenzene	38	5.0	50.00	0	76.8	15	130				
Methylene chloride	40	5.0	50.00	0	79.5	30	149				B
Tetrachloroethene	33	5.0	50.00	0	65.9	20	120				
Toluene	37	5.0	50.00	0	74.6	20	119				
trans-1,2-Dichloroethene	34	5.0	50.00	0	68.8	20	120				
trans-1,3-Dichloropropene	38	5.0	50.00	0	75.7	14	115				
Trichloroethene	40	5.0	50.00	0	79.3	23	121				
Trichlorofluoromethane	41	5.0	50.00	0	82.9	38	142				
Vinyl chloride	34	5.0	50.00	0	68.5	40	145				

Qualifiers:
B Analyte detected in the associated Method Blank
C Calibration %RSD/%D exceeded for non-CCC analytes
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
LOD Limit of Detection
LOQ Limit of Quantitation
P >40% diff for detected conc between the two GC column
R RPD outside accepted recovery limits

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1105135
Project: 211-08 Northern Blvd.

ANALYTICAL QC SUMMARY REPORT

TestCode: DryFull8260_Soil

Sample ID: **V624LCS-051311aH** SampType: **LCS** TestCode: **DryFull8260_** Units: **µg/Kg** Prep Date: **5/13/2011** RunNo: **57892**
Client ID: **LCSS** Batch ID: **R57892** TestNo: **SW8260C** Analysis Date: **5/13/2011** SeqNo: **812417**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	49		50.00		98.5	64	132				
Surr: Dibromofluoromethane	50		50.00		100	66	131				
Surr: Toluene-d8	51		50.00		101	54	132				

Sample ID: **VBLK-051311aHS** SampType: **MBLK** TestCode: **DryFull8260_** Units: **µg/Kg** Prep Date: **5/13/2011** RunNo: **57892**
Client ID: **PBS** Batch ID: **R57892** TestNo: **SW8260C** Analysis Date: **5/13/2011** SeqNo: **812418**

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									
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									

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1105135
Project: 211-08 Northern Blvd.

ANALYTICAL QC SUMMARY REPORT

TestCode: DryFull8260_Soil

Sample ID: **VBLK-051311aHS** SampType: **MBLK** TestCode: **DryFull8260_** Units: **µg/Kg** Prep Date: **5/13/2011** RunNo: **57892**
Client ID: **PBS** Batch ID: **R57892** TestNo: **SW8260C** Analysis Date: **5/13/2011** SeqNo: **812418**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,2-Dichloropropane	U	5.0									
2-Butanone	U	5.0									
2-Chloroethyl vinyl ether	U	5.0									
2-Chlorotoluene	U	5.0									
2-Hexanone	U	5.0									
2-Propanol	U	5.0									
4-Chlorotoluene	U	5.0									
4-Isopropyltoluene	U	5.0									
4-Methyl-2-pentanone	U	5.0									
Acetone	U	5.0									
Acrolein	U	10									
Acrylonitrile	U	5.0									
Benzene	U	5.0									
Bromobenzene	U	5.0									
Bromochloromethane	U	5.0									
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									C
cis-1,2-Dichloroethene	U	5.0									
cis-1,3-Dichloropropene	U	5.0									
Dibromochloromethane	U	5.0									
Dibromomethane	U	5.0									
Dichlorodifluoromethane	U	5.0									
Diisopropyl ether	U	5.0									

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1105135
Project: 211-08 Northern Blvd.

ANALYTICAL QC SUMMARY REPORT

TestCode: DryFull8260_Soil

Sample ID: **VBLK-051311aHS**	SampType: **MBLK**	TestCode: **DryFull8260_**	Units: **µg/Kg**		Prep Date: **5/13/2011**				RunNo: **57892**			
Client ID: **PBS**	Batch ID: **R57892**	TestNo: **SW8260C**			Analysis Date: **5/13/2011**				SeqNo: **812418**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Ethanol	U	10										
Ethyl acetate	U	5.0										
Ethylbenzene	U	5.0										
Freon-114	U	5.0										
Hexachlorobutadiene	U	5.0										
Isopropyl acetate	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	5.6	5.0										
n-Amyl acetate	U	5.0										
Naphthalene	U	5.0										
n-Butyl acetate	U	5.0										
n-Butylbenzene	U	5.0										
n-Propyl acetate	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										

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1105135
Project: 211-08 Northern Blvd.

ANALYTICAL QC SUMMARY REPORT

TestCode: DryFull8260_Soil

Sample ID: **VBLK-051311aHS** SampType: **MBLK** TestCode: **DryFull8260_** Units: **µg/Kg** Prep Date: **5/13/2011** RunNo: **57892**
Client ID: **PBS** Batch ID: **R57892** TestNo: **SW8260C** Analysis Date: **5/13/2011** SeqNo: **812418**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	U	5.0									
Surr: 4-Bromofluorobenzene	51		50.00		103	64	132				
Surr: Dibromofluoromethane	52		50.00		104	66	131				
Surr: Toluene-d8	46		50.00		91.3	54	132				

Sample ID: **V624LCS-051611HS** SampType: **LCS** TestCode: **DryFull8260_** Units: **µg/Kg** Prep Date: RunNo: **57892**
Client ID: **LCSS** Batch ID: **R57892A** TestNo: **SW8260C** Analysis Date: **5/16/2011** SeqNo: **812452**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	41	5.0	50.00	0	82.7	26	120				
1,1,2,2-Tetrachloroethane	46	5.0	50.00	0	92.0	30	130				
1,1,2-Trichloroethane	45	5.0	50.00	0	90.4	26	126				
1,1-Dichloroethane	38	5.0	50.00	0	76.2	20	129				
1,1-Dichloroethene	40	5.0	50.00	0	79.5	25	130				
1,2-Dichlorobenzene	43	5.0	50.00	0	85.8	21	120				
1,2-Dichloroethane	40	5.0	50.00	0	80.1	20	120				
1,2-Dichloropropane	43	5.0	50.00	0	86.2	22	126				
1,3-Dichlorobenzene	44	5.0	50.00	0	87.3	23	120				
1,4-Dichlorobenzene	42	5.0	50.00	0	84.3	26	123				
2-Chloroethyl vinyl ether	50	5.0	50.00	0	99.2	20	125				
Benzene	40	5.0	50.00	0	80.8	30	130				
Bromodichloromethane	42	5.0	50.00	0	83.9	30	130				
Bromoform	47	5.0	50.00	0	93.4	20	123				
Bromomethane	26	5.0	50.00	0	51.0	35	133				
Carbon tetrachloride	40	5.0	50.00	0	80.9	25	125				
Chlorobenzene	41	5.0	50.00	0	82.3	21	133				
Chloroethane	34	5.0	50.00	0	67.3	40	144				
Chloroform	38	5.0	50.00	0	75.8	26	124				
Chloromethane	21	5.0	50.00	0	42.5	36	140				C
cis-1,3-Dichloropropene	42	5.0	50.00	0	83.6	22	122				
Dibromochloromethane	45	5.0	50.00	0	89.4	22	124				

Qualifiers:
B Analyte detected in the associated Method Blank
C Calibration %RSD/%D exceeded for non-CCC analytes
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
LOD Limit of Detection
LOQ Limit of Quantitation
P >40% diff for detected conc between the two GC column
R RPD outside accepted recovery limits

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1105135
Project: 211-08 Northern Blvd.

ANALYTICAL QC SUMMARY REPORT

TestCode: DryFull8260_Soil

Sample ID: **V624LCS-051611HS** SampType: **LCS** TestCode: **DryFull8260_** Units: **µg/Kg** Prep Date: RunNo: **57892**
Client ID: **LCSS** Batch ID: **R57892A** TestNo: **SW8260C** Analysis Date: **5/16/2011** SeqNo: **812452**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ethylbenzene	39	5.0	50.00	0	78.7	15	130				
Methylene chloride	41	5.0	50.00	0	81.4	30	149				B
Tetrachloroethene	38	5.0	50.00	0	76.6	20	120				
Toluene	43	5.0	50.00	0	85.3	20	119				
trans-1,2-Dichloroethene	38	5.0	50.00	0	76.9	20	120				
trans-1,3-Dichloropropene	42	5.0	50.00	0	83.6	14	115				
Trichloroethene	47	5.0	50.00	0	93.1	23	121				
Trichlorofluoromethane	36	5.0	50.00	0	72.8	38	142				
Vinyl chloride	32	5.0	50.00	0	64.0	40	145				
Surr: 4-Bromofluorobenzene	47		50.00		93.1	64	132				
Surr: Dibromofluoromethane	49		50.00		97.8	66	131				
Surr: Toluene-d8	50		50.00		99.0	54	132				

Sample ID: **VBLK-051611HS** SampType: **MBLK** TestCode: **DryFull8260_** Units: **µg/Kg** Prep Date: RunNo: **57892**
Client ID: **PBS** Batch ID: **R57892A** TestNo: **SW8260C** Analysis Date: **5/16/2011** SeqNo: **812453**

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									
1,2,4-Trichlorobenzene	U	5.0									
1,2,4-Trimethylbenzene	U	5.0									
1,2-Dibromo-3-chloropropane	U	5.0									

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1105135
Project: 211-08 Northern Blvd.

ANALYTICAL QC SUMMARY REPORT

TestCode: DryFull8260_Soil

Sample ID: **VBLK-051611HS** SampType: **MBLK** TestCode: **DryFull8260_** Units: **µg/Kg** Prep Date: RunNo: **57892**
Client ID: **PBS** Batch ID: **R57892A** TestNo: **SW8260C** Analysis Date: **5/16/2011** SeqNo: **812453**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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	5.0									
2-Chloroethyl vinyl ether	U	5.0									
2-Chlorotoluene	U	5.0									
2-Hexanone	U	5.0									
2-Propanol	U	5.0									
4-Chlorotoluene	U	5.0									
4-Isopropyltoluene	U	5.0									
4-Methyl-2-pentanone	U	5.0									
Acetone	U	5.0									
Acrolein	U	10									
Acrylonitrile	U	5.0									
Benzene	U	5.0									
Bromobenzene	U	5.0									
Bromochloromethane	U	5.0									
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									

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1105135
Project: 211-08 Northern Blvd.

ANALYTICAL QC SUMMARY REPORT

TestCode: DryFull8260_Soil

Sample ID: **VBLK-051611HS** SampType: **MBLK** TestCode: **DryFull8260_** Units: **µg/Kg** Prep Date: RunNo: **57892**
Client ID: **PBS** Batch ID: **R57892A** TestNo: **SW8260C** Analysis Date: **5/16/2011** SeqNo: **812453**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	U	5.0									
Chloroform	U	5.0									
Chloromethane	U	5.0									C
cis-1,2-Dichloroethene	U	5.0									
cis-1,3-Dichloropropene	U	5.0									
Dibromochloromethane	U	5.0									
Dibromomethane	U	5.0									
Dichlorodifluoromethane	U	5.0									
Diisopropyl ether	U	5.0									
Ethanol	U	10									
Ethyl acetate	U	5.0									
Ethylbenzene	U	5.0									
Freon-114	U	5.0									
Hexachlorobutadiene	U	5.0									
Isopropyl acetate	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	5.2	5.0									
n-Amyl acetate	U	5.0									
Naphthalene	U	5.0									
n-Butyl acetate	U	5.0									
n-Butylbenzene	U	5.0									
n-Propyl acetate	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									

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1105135
Project: 211-08 Northern Blvd.

ANALYTICAL QC SUMMARY REPORT

TestCode: DryFull8260_Soil

Sample ID: **VBLK-051611HS** SampType: **MBLK** TestCode: **DryFull8260_** Units: **µg/Kg** Prep Date: RunNo: **57892**
Client ID: **PBS** Batch ID: **R57892A** TestNo: **SW8260C** Analysis Date: **5/16/2011** SeqNo: **812453**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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	51		50.00		102	64	132				
Surr: Dibromofluoromethane	53		50.00		105	66	131				
Surr: Toluene-d8	47		50.00		94.6	54	132				

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

American Analytical Laboratories, LLC.

Date: *16-May-11*

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1105135
Project: 211-08 Northern Blvd.

ANALYTICAL QC SUMMARY REPORT

TestCode: DRY8270FUEL_SOIL

Sample ID: **1105135-05B-MS** SampType: **MS** TestCode: **DRY8270FUE** Units: **µg/Kg-dry** Prep Date: **5/13/2011** RunNo: **57889**
Client ID: **211-08-W** Batch ID: **32088** TestNo: **SW8270D SW3550C** Analysis Date: **5/13/2011** SeqNo: **812410**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	1100	260	2079	0	53.4	21	123				
Acenaphthylene	1100	260	2079	0	53.8	19	124				
Anthracene	1100	260	2079	0	53.9	22	121				
Benzo(a)anthracene	1200	260	2079	0	58.7	20	130				
Benzo(a)pyrene	1200	260	2079	0	59.1	21	124				
Benzo(b)fluoranthene	1400	260	2079	0	65.1	20	128				
Benzo(g,h,i)perylene	1200	260	2079	111.1	50.0	21	131				
Benzo(k)fluoranthene	1200	260	2079	0	55.6	20	127				
Chrysene	1200	260	2079	0	59.5	20	131				
Dibenzo(a,h)anthracene	1100	260	2079	0	51.3	24	134				
Fluoranthene	1100	260	2079	0	53.0	22	122				
Fluorene	1000	260	2079	0	50.0	22	124				
Indeno(1,2,3-c,d)pyrene	1000	260	2079	0	50.3	26	140				
Phenanthrene	1200	260	2079	0	55.5	18	126				
Pyrene	1400	260	2079	0	65.6	21	137				
Surr: 2-Fluorobiphenyl	620		1039		59.6	23	120				
Surr: 4-Terphenyl-d14	640		1039		61.3	23	128				
Surr: Nitrobenzene-d5	660		1039		63.1	18	116				

Sample ID: **1105135-05B-MSD** SampType: **MSD** TestCode: **DRY8270FUE** Units: **µg/Kg-dry** Prep Date: **5/13/2011** RunNo: **57889**
Client ID: **211-08-W** Batch ID: **32088** TestNo: **SW8270D SW3550C** Analysis Date: **5/13/2011** SeqNo: **812411**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	1200	270	2151	0	55.0	21	123	1109	6.50	20	
Acenaphthylene	1100	270	2151	0	52.8	19	124	1118	1.47	20	
Anthracene	1200	270	2151	0	58.0	22	121	1121	10.8	20	
Benzo(a)anthracene	1300	270	2151	0	59.6	20	130	1221	4.96	20	
Benzo(a)pyrene	1400	270	2151	0	63.3	21	124	1229	10.3	20	
Benzo(b)fluoranthene	1500	270	2151	0	68.8	20	128	1354	8.97	20	

Qualifiers:
B Analyte detected in the associated Method Blank
C Calibration %RSD/%D exceeded for non-CCC analytes
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
LOD Limit of Detection
LOQ Limit of Quantitation
P >40% diff for detected conc between the two GC column
R RPD outside accepted recovery limits

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1105135
Project: 211-08 Northern Blvd.

ANALYTICAL QC SUMMARY REPORT

TestCode: DRY8270FUEL_SOIL

Sample ID: **1105135-05B-MSD** SampType: **MSD** TestCode: **DRY8270FUE** Units: **µg/Kg-dry** Prep Date: **5/13/2011** RunNo: **57889**
Client ID: **211-08-W** Batch ID: **32088** TestNo: **SW8270D SW3550C** Analysis Date: **5/13/2011** SeqNo: **812411**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(g,h,i)perylene	1200	270	2151	111.1	51.6	21	131	1151	5.93	20	
Benzo(k)fluoranthene	1300	270	2151	0	62.3	20	127	1157	14.6	20	
Chrysene	1300	270	2151	0	59.6	20	131	1236	3.68	20	
Dibenzo(a,h)anthracene	1100	270	2151	0	52.5	24	134	1067	5.78	20	
Fluoranthene	1300	270	2151	0	60.7	22	122	1101	16.9	20	
Fluorene	1200	270	2151	0	54.0	22	124	1040	11.0	20	
Indeno(1,2,3-c,d)pyrene	1100	270	2151	0	52.3	26	140	1047	7.19	20	
Phenanthrene	1200	270	2151	0	57.4	18	126	1154	6.75	20	
Pyrene	1300	270	2151	0	62.1	21	137	1364	2.08	20	
Surr: 2-Fluorobiphenyl	600		1075		55.4	23	120		0	0	
Surr: 4-Terphenyl-d14	650		1075		60.9	23	128		0	0	
Surr: Nitrobenzene-d5	660		1075		61.8	18	116		0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

Appendix B
GPR Report

Appendix C
Soil Boring Geologic Logs

GEOLOGIC LOG

BORING #: B-1 **PAGE # 1 0F 1**

DATE: 06/21/2007 **CLIENT: JSKim**

SITE: 211-08 Northern Blvd, Bayside

CONTRACTOR: Land, Air, Water Environmental Services, Inc (E. Santiago and A. Smith)
DEPTH DRILLED: 25 feet
DEPTH TO WATER: N/A
DRILLING METHOD: Geoprobe™
SOIL SAMPLING DEVICE: Macrocore™
GROUNDWATER SAMPLING: N/A
BORING GROUTED: Yes

Depth (feet)	*Sample #*	*RECOVERY*	*PID*	*Sample Description*
0-5	SB-1-1	36 Inches	0.0ppm	Brown to black silty sand, medium to fine, 5% gravel.
5-10	SB-1-2	48 Inches	0.0ppm	Brown silty sand, medium to fine, 5% gravel.
10-15	SB-1-3	6 Inches	10.0ppm	Gray silty and clayey sand (rock in shoe), trace of gravel
15-20	SB-1-4	32 Inches	150.0ppm	Gray to black silty and clayey sand (odor), trace of gravel.
20-25	SB-1-5	36 Inches	200.0ppm	Black silty and clayey sand, trace of gravel

J.R. Holzmacher P.E., LLC 300 Wheeler Road, Suite 303, Hauppauge, New York 11788-4300
Tel: (631) 234-2220 Fax: (631) 234-2221 e-mail: info@holzmacher.com

GEOLOGIC LOG

BORING #: B-2 **PAGE # 1 0F 1**

DATE: 06/21/2007 **CLIENT: JSKim**

SITE: 211-08 Northern Blvd, Bayside

CONTRACTOR: Land, Air, Water Environmental Services, Inc (Ernesto and Tony)
DEPTH DRILLED: 25 feet
DEPTH TO WATER: N/A
DRILLING METHOD: Geoprobe™
SOIL SAMPLING DEVICE: Macrocore™
GROUNDWATER SAMPLING: N/A
BORING GROUTED: Yes

Depth (feet)	*Sample #*	*RECOVERY*	*PID*	*Sample Description*
0-5	SB-2-1	40 Inches	0.0ppm	Brown silty sand, medium to fine, trace of gravel
5-10	SB-2-2	50 Inches	0.0ppm	Brown silty sand, medium to fine, trace gravel.
10-15	SB-2-3	48 Inches	0.0ppm	Brown silty sand, coarse to fine, trace of gravel.
15-20	SB-2-4	48 Inches	0.0ppm	Brown silty sand-, medium to fine, trace of gravel
20-25	SB-2-5	50 Inches	0.0ppm	Tan sand, coarse to fine, trace of gravel.

J.R. Holzmacher P.E., LLC 300 Wheeler Road, Suite 303, Hauppauge, New York 11788-4300
Tel: (631) 234-2220 Fax: (631) 234-2221 e-mail: info@holzmacher.com

GEOLOGIC LOG

BORING #: B-3 **PAGE # 1 0F 1**

DATE: 06/21/2007 **CLIENT: JSKim**

SITE: 211-08 Northern Blvd, Bayside

CONTRACTOR: Land, Air, Water Environmental Services, Inc (E. Santiago andA. Smith)
DEPTH DRILLED: 25 feet
DEPTH TO WATER: N/A
DRILLING METHOD: Geoprobe™
SOIL SAMPLING DEVICE: Macrocore™
GROUNDWATER SAMPLING: N/A
BORING GROUTED: Yes

Depth (feet)	*Sample #*	*RECOVERY*	*PID*	*Sample Description*
0-5	SB-3-1	36 Inches	0.0ppm	Brown to black sand-fill, medium to fine, 10% gravel.
5-10	SB-3-2	48Inches	0.0ppm	Brown silty sand, medium to fine, 5% gravel.
10-15	SB-3-3	48 Inches	0.0ppm	Grey to black silty and clayey sand, trace of gravel.
15-20	SB-3-4	48 Inches	0.0ppm	Brown to gray silty sand-silty clay.trace of gravel
20-25	SB-3-5	50 Inches	0.0ppm	Brown sand, coarse to fine, trace gravel.

J.R. Holzmacher P.E., LLC 300 Wheeler Road, Suite 303, Hauppauge, New York 11788-4300
Tel: (631) 234-2220 Fax: (631) 234-2221 e-mail: info@holzmacher.com

GEOLOGIC LOG

BORING #: B-4 **PAGE # 1 0F 1**

DATE: 06/21/2007 **CLIENT: JSKim**

SITE: 211-08 Northern Blvd, Bayside

CONTRACTOR: Land, Air, Water Environmental Services, Inc (E. Santiago and A. Smith)
DEPTH DRILLED: 25 feet
DEPTH TO WATER: N/A
DRILLING METHOD: Geoprobe™
SOIL SAMPLING DEVICE: Macrocore™
GROUNDWATER SAMPLING: N/A
BORING GROUTED: Yes

Depth (feet)	*Sample #*	*RECOVERY*	*PID*	*Sample Description*
0-5	SB-4-1	36 Inches	0.0ppm	Brown to gray silty sand, medium to fine, 15% gravel.
5-10	SB-4-2	36 Inches	0.0ppm	Brown to light gray silty sand, medium to fine, 15% gravel.
10-15	SB-4-3	50 Inches	0.0ppm	Gray to brown silty sand, medium to fine, trace of gravel
15-20	SB-4-4	48 Inches	0.0ppm	Brown silty sand, medium to fine, trace of gravel.
20-25	SB-4-5	50 Inches	0.0ppm	Tan sand, Medium to coarse.

J.R. Holzmacher P.E., LLC 300 Wheeler Road, Suite 303, Hauppauge, New York 11788-4300
Tel: (631) 234-2220 Fax: (631) 234-2221 e-mail: info@holzmacher.com

GEOLOGIC LOG

BORING #: B-1A **PAGE # 1 0F 1**

DATE: 08/20/2007 **CLIENT: JSKim**

SITE: 211-08 Northern Blvd, Bayside

CONTRACTOR: Land, Air, Water Environmental Services, Inc (E. Santiago and A. Smith)
DEPTH DRILLED: 45 feet
DEPTH TO WATER: N/A
DRILLING METHOD: Geoprobe™
SOIL SAMPLING DEVICE: Macrocore™
GROUNDWATER SAMPLING: N/A
BORING GROUTED: Yes

Depth (feet)	*Sample #*	*RECOVERY*	*PID*	*Sample Description*
0-15	B-1-1	Direct Pushed		See B-1 log for detail
15-20	B-1-2	48 Inches	170.0ppm	Gray silty sand, medium to fine, 5% gravel.
20-25	B-1-3	50 Inches	430.0ppm	Black silty and clayey medium to fine grained sand; 15% gravel
25-30 (30 feet)	B-1-4	50 Inches	330.0 ppm 5.0ppm	Black/Gray/tan silty and clayey coarse to fine, grained sand (odor); 5% gravel.
30-35	B-1-5	50 Inches	0.0 ppm	Tan sand, coarse to fine, trace of gravel.
35-40	B-1-6	48 Inches	0.0 ppm	Tan sand, coarse to fine, 10% gravel.
40-45	B-1-7	48 Inches	0.0 ppm	Tan sand, coarse to fine, trace of gravel.

GEOLOGIC LOG

BORING #: B-5 **PAGE # 1 0F 1**

DATE: 08/20/2007 **CLIENT: JSKim**

SITE: 211-08 Northern Blvd, Bayside

CONTRACTOR: Land, Air, Water Environmental Services, Inc (E. Santiago and A. Smith)
DEPTH DRILLED: 35 feet
DEPTH TO WATER: N/A
DRILLING METHOD: Geoprobe™
SOIL SAMPLING DEVICE: Macrocore™
GROUNDWATER SAMPLING: N/A
BORING GROUTED: Yes

Depth (feet)	*Sample #*	*RECOVERY*	*PID*	*Sample Description*
0-10	B-5-1	Direct Pushed		
10-15	B-5-2	50 Inches	50.0ppm	Tan silty sand, medium to fine, 5% gravel.
15-20	B-5-3	50 Inches	43.0ppm	Tan/gray silty sand, medium, trace of gravel
20-25 (20-21) (21-24) (24-25)	B-5-4	50 Inches	 107.0ppm 425.0ppm 20.0ppm	Tan/black silty sand, medium, trace of gravel.
25-30	B-5-5	50 Inches	0.0ppm	Tan sand, medium to fine, trace of gravel.
30-35	B-5-5	50 Inches	0.0ppm	Tan sand, coarse to fine, trace of gravel.

J.R. Holzmacher P.E., LLC 300 Wheeler Road, Suite 303, Hauppauge, New York 11788-4300
Tel: (631) 234-2220 Fax: (631) 234-2221 e-mail: info@holzmacher.com

GEOLOGIC LOG

BORING #: B-6 **PAGE # 1 0F 1**

DATE: 08/20/2007 **CLIENT: JSKim**

SITE: 211-08 Northern Blvd, Bayside

CONTRACTOR: Land, Air, Water Environmental Services, Inc (E. Santiago and A. Smith)
DEPTH DRILLED: 30 feet
DEPTH TO WATER: N/A
DRILLING METHOD: Geoprobe™
SOIL SAMPLING DEVICE: Macrocore™
GROUNDWATER SAMPLING: N/A
BORING GROUTED: Yes

Depth (feet)	*Sample #*	*RECOVERY*	*PID*	*Sample Description*
0-10	B-6-1	Direct Pushed	0.0ppm	
10-15	B-6-2	50 Inches	0.0ppm	Brown silty sand, medium to fine, trace of gravel.
15-20	B-6-3	50 Inches	0.0ppm	Brown silty sand, medium to fine, trace of gravel.
20-25	B-6-4	50 Inches	0.0ppm	Brown/tan silty sand, medium to fine, trace of gravel.
25-30	B-6-5	50 Inches	0.0ppm	Tan sand, coarse to fine, trace of gravel.

J.R. Holzmacher P.E., LLC 300 Wheeler Road, Suite 303, Hauppauge, New York 11788-4300
Tel: (631) 234-2220 Fax: (631) 234-2221 e-mail: info@holzmacher.com

GEOLOGIC LOG

BORING #: B-7 **PAGE # 1 0F 1**

DATE: 08/20/2007 **CLIENT: JSKim**

SITE: 211-08 Northern Blvd, Bayside

CONTRACTOR: Land, Air, Water Environmental Services, Inc (E. Santiago and A. Smith)
DEPTH DRILLED: 30 feet
DEPTH TO WATER: N/A
DRILLING METHOD: Geoprobe™
SOIL SAMPLING DEVICE: Macrocore™
GROUNDWATER SAMPLING: N/A
BORING GROUTED: Yes

Depth (feet)	*Sample #*	*RECOVERY*	*PID*	*Sample Description*
0-10	B-7-1	Direct Pushed		
10-15	B-7-2	50 Inches	0.0ppm	Tan silty sand (clay), medium to fine.
15-20	B-7-3	46 Inches	0.0ppm	Brown silty sand, medium to fine.
20-25	B-7-4	50 Inches	0.0ppm	Brown silty sand, coarse to fine, 5% gravel.
25-30	B-7-5	50 Inches	0.0ppm	Tan sand, coarse to medium.

J.R. Holzmacher P.E., LLC 300 Wheeler Road, Suite 303, Hauppauge, New York 11788-4300
Tel: (631) 234-2220 Fax: (631) 234-2221 e-mail: info@holzmacher.com

GEOLOGIC LOG

BORING #: B-8 **PAGE # 1 0F 1**

DATE: 08/20/2007 **CLIENT: JSKim**

SITE: 211-08 Northern Blvd, Bayside

CONTRACTOR: Land, Air, Water Environmental Services, Inc (E. Santiago and A. Smith)
DEPTH DRILLED: 30 feet
DEPTH TO WATER: N/A
DRILLING METHOD: Geoprobe™
SOIL SAMPLING DEVICE: Macrocore™
GROUNDWATER SAMPLING: N/A
BORING GROUTED: Yes

Depth (feet)	*Sample #*	*RECOVERY*	*PID*	*Sample Description*
0-10	B-8-1	Direct Push		
10-15	B-8-2	50 Inches	0.0ppm	Brown silty sand, medium to fine
15-20	B-8-3	48 Inches	130.0ppm	Gray/tan silty and clayey sand, medium to fine
20-25	B-8-4	48 Inches	53.0ppm	Tan/gray silty and clayey sand, coarse to fine, trace of gravel.
25-30	B-8-5	48 Inches	0.0ppm	Tan sand, coarse to fine.

J.R. Holzmacher P.E., LLC 300 Wheeler Road, Suite 303, Hauppauge, New York 11788-4300
Tel: (631) 234-2220 Fax: (631) 234-2221 e-mail: info@holzmacher.com

BORING LOG

Boring #: B-9 **PAGE # 1 0F 1**

DATE: 04/05/2012 **CLIENT: JSKim**

SITE: 211-08 Northern Blvd.
Bayside, NY

DRILLER: Zebra Environmental Corp. **DRILLING METHOD: Geoprobe™**

DEPTH DRILLED: 25 feet **DEPTH TO WATER: N/A**

GEOLOGIC LOG

DEPTH (ft) FROM	TO	RECOVERY (ft)	PID (ppm)	SAMPLE DESCRIPTION
0	5	3.8	0.0	RCA and asphalt layer underlain by brown medium to fine grained sand with gravel and large rock fragment.
5	10	4.0	0.0	Brown medium to fine grained sand with layers of clayey sand and darker colored sand with fine gravel and rock (possible fill).
10	15	1.8	0.0	Nine-inches of greenish-gray silty clay underlain by medium to fine grained sand with some darker sand, fine gravel and large rock.
15	20	1.2	0.0	One to two inches of moist green-gray silty and clayey sand with a large rock fragment and a layer of tan to light brown medium grained sand with some gravel.
20	25	5.0	0.0	Brown medium grained silty sand and tan to light brown sand with fine gravel.

Appendix D
Laboratory Data Deliverables

Soil Analytical Data
Groundwater Analytical Data
Soil Vapor Analytical Data

AMERICAN ANALYTICAL LABORATORIES

NYSDOH 11418
NJDEP NY050
CTDOH PH-0205
PADEP 68-00573

Tuesday, July 03, 2007

Jim DeMartinis
J.R. Holzmacher P.E. LLC
300 Wheeler Road
Suite 303
Hauppauge, NY 11788

TEL: (631) 234-2220
FAX (631) 234-2221

RE: 211-08 Northern Boulevard, Bayside

Order No.: 0706226

Dear Jim DeMartinis:

American Analytical Laboratories, LLC. received 6 sample(s) on 6/22/2007 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 limits 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.

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
Lab Director

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735
(631) 454-6100 • FAX: (631) 454-8027

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT: J.R. Holzmacher P.E. LLC
Project: 211-08 Northern Boulevard, Bayside
Lab Order: 0706226

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Date Collected	Date Received
0706226-01A	W-1		6/21/2007 4:05:00 AM	6/22/2007
0706226-01B	W-1		6/21/2007 4:05:00 AM	6/22/2007
0706226-02A	W-2		6/21/2007 12:15:00 PM	6/22/2007
0706226-02B	W-2		6/21/2007 12:15:00 PM	6/22/2007
0706226-03A	B-2 {0-2'}		6/21/2007 1:30:00 PM	6/22/2007
0706226-04A	B-2 {20'-25'}		6/21/2007 2:30:00 PM	6/22/2007
0706226-05A	B-3 {0-2'}		6/21/2007 9:50:00 AM	6/22/2007
0706226-06A	B-3 {12'-15'}		6/21/2007 10:15:00 AM	6/22/2007

AMERICAN ANALYTICAL LABORATORIES
56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735
(631) 454-6100 • FAX (631) 454-8027

TAG # / COC _____

NYSDOH	11418
CTDOH	PH-0205
NJDEP	NY050
PADEP	68-573

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS
J.R. Holzmacher P.E. H.C
300 Wheeler Rd, Suite 303
Hauppauge, NY

CONTACT: Jim DeMartinis

SAMPLER (SIGNATURE): Eric Geisbusch

SAMPLER NAME (PRINT): Eric Geisbusch

SAMPLE(S) SEALED: YES / NO

CORRECT CONTAINER(S): YES / NO

PROJECT LOCATION: 211-08 Northern Boulevard, Bayside

LABORATORY ID #	MATRIX	# CONTAINERS	SAMPLING DATE/ TIME	SAMPLE # - LOCATION	EPA 8260	EPA 8270	Pesticide 8081	PCBs 8082	Filtered TAL Metals	Unfiltered TAL Metals	TAL Metals							FOR METHANOL PRESERVED SAMPLES [VOLATILE VIAL #]
0706226-01AB	L	6	06/21/07 11:05	W-1	X	X	X	X	X	X								
-02AB	L	6	06/21/07 12:15	W-2	X	X	X	X	X	X								
-03A	S	2	06/21/07 1:30	B-2 (0-2')	X	X	X	X			X							
-04A	S	2	06/21/07 2:30	B-2 (20'-25')	X	X	X	X			X							
-05A	S	2	06/21/07 9:50	B-3 (0-2')	X	X	X	X			X							
-06A	S	2	06/21/07 10:15	B-3 (12'-15')	X	X	X	X			X							

COOLER TEMPERATURE:

MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL
TYPE G=GRAB; C=COMPOSITE, SS=SPLIT SPOON

TURNAROUND REQUIRED: NORMAL ☐ STAT ☐ BY / /

COMMENTS / INSTRUCTIONS

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
Eric Geisbusch	06/22/07 2:20	Eric Geisbusch	[signature]	6/22/07 1420	C. Masi
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC
56 TOLEDO STREET
FARMINGDALE, NEW YORK 11735
TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is 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. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	Indicates an estimated value. The 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 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
B	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes 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 higher of the two values is reported on Form I 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.
H	Indicates sample was received and/or analyzed outside of The method allowable holding time

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-1
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 4:05:00 AM
Lab ID:	0706226-01A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY		**SW7470A**				Analyst: **JP**
Mercury	U	0.000200		mg/L	1	6/28/2007 2:10:38 PM
PCB'S AS AROCLORS SW-846 METHOD 8082		**SW8082A**		**SW3510B**		Analyst: **KF**
Aroclor 1016	U	1.1		µg/L	1	6/29/2007 1:04:00 PM
Aroclor 1221	U	1.1		µg/L	1	6/29/2007 1:04:00 PM
Aroclor 1232	U	1.1		µg/L	1	6/29/2007 1:04:00 PM
Aroclor 1242	U	1.1		µg/L	1	6/29/2007 1:04:00 PM
Aroclor 1248	U	1.1		µg/L	1	6/29/2007 1:04:00 PM
Aroclor 1254	U	1.1		µg/L	1	6/29/2007 1:04:00 PM
Aroclor 1260	U	1.1		µg/L	1	6/29/2007 1:04:00 PM
Surr: DCB	46.6	11-125		%REC	1	6/29/2007 1:04:00 PM
Surr: TCX	80.5	16-126		%REC	1	6/29/2007 1:04:00 PM
PESTICIDES SW-846 METHOD 8081		**SW8081B**		**SW3510B**		Analyst: **MMR**
4,4'-DDD	U	0.22		µg/L	1	6/29/2007 8:36:00 PM
4,4'-DDE	U	0.22		µg/L	1	6/29/2007 8:36:00 PM
4,4'-DDT	U	0.22		µg/L	1	6/29/2007 8:36:00 PM
Aldrin	U	0.22		µg/L	1	6/29/2007 8:36:00 PM
alpha-BHC	U	0.22		µg/L	1	6/29/2007 8:36:00 PM
beta-BHC	U	0.22		µg/L	1	6/29/2007 8:36:00 PM
Chlordane	U	1.1		µg/L	1	6/29/2007 8:36:00 PM
Chlorobenzilate	U	0.22		µg/L	1	6/29/2007 8:36:00 PM
DBCP	U	0.22		µg/L	1	6/29/2007 8:36:00 PM
delta-BHC	U	0.22		µg/L	1	6/29/2007 8:36:00 PM
Dieldrin	U	0.22		µg/L	1	6/29/2007 8:36:00 PM
Endosulfan I	U	0.22		µg/L	1	6/29/2007 8:36:00 PM
Endosulfan II	U	0.22		µg/L	1	6/29/2007 8:36:00 PM
Endosulfan sulfate	U	0.22		µg/L	1	6/29/2007 8:36:00 PM
Endrin	U	0.22		µg/L	1	6/29/2007 8:36:00 PM
Endrin aldehyde	U	0.22		µg/L	1	6/29/2007 8:36:00 PM
Endrin ketone	U	0.22		µg/L	1	6/29/2007 8:36:00 PM
gamma-BHC	U	0.22		µg/L	1	6/29/2007 8:36:00 PM
Heptachlor	U	0.22		µg/L	1	6/29/2007 8:36:00 PM
Heptachlor epoxide	U	0.22		µg/L	1	6/29/2007 8:36:00 PM
Hexachlorobenzene	U	0.22		µg/L	1	6/29/2007 8:36:00 PM
Hexachlorocyclopentadiene	U	0.22		µg/L	1	6/29/2007 8:36:00 PM
Methoxychlor	U	0.22		µg/L	1	6/29/2007 8:36:00 PM
Toxaphene	U	1.1		µg/L	1	6/29/2007 8:36:00 PM
Surr: DCB	40.1	26-130		%REC	1	6/29/2007 8:36:00 PM
Surr: TCX	67.5	29-127		%REC	1	6/29/2007 8:36:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-1
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 4:05:00 AM
Lab ID:	0706226-01A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TARGET ANALYTE LIST METALS		**SW6010B**		**SW3010A**		Analyst: **JP**
Aluminum	30.5	0.0200		mg/L	1	7/2/2007 1:30:57 PM
Antimony	U	0.0250		mg/L	1	7/2/2007 1:30:57 PM
Arsenic	0.0312	0.0250		mg/L	1	7/2/2007 1:30:57 PM
Barium	0.593	0.0200		mg/L	1	7/2/2007 1:30:57 PM
Beryllium	U	0.0200		mg/L	1	7/2/2007 1:30:57 PM
Cadmium	U	0.0100		mg/L	1	7/2/2007 1:30:57 PM
Calcium	46.9	0.0250		mg/L	1	7/2/2007 1:30:57 PM
Chromium	0.277	0.0200		mg/L	1	7/2/2007 1:30:57 PM
Cobalt	U	0.0200		mg/L	1	7/2/2007 1:30:57 PM
Copper	0.136	0.0200		mg/L	1	7/2/2007 1:30:57 PM
Iron	71.8	0.0200		mg/L	1	7/2/2007 1:30:57 PM
Lead	0.0496	0.0150		mg/L	1	7/2/2007 1:30:57 PM
Magnesium	23.9	0.0200		mg/L	1	7/2/2007 1:30:57 PM
Manganese	5.28	0.0200		mg/L	1	7/2/2007 1:30:57 PM
Nickel	0.142	0.0200		mg/L	1	7/2/2007 1:30:57 PM
Potassium	9.36	0.100		mg/L	1	7/2/2007 1:30:57 PM
Selenium	U	0.0250		mg/L	1	7/2/2007 1:30:57 PM
Silver	U	0.0200		mg/L	1	7/2/2007 1:30:57 PM
Sodium	63.0	0.0300		mg/L	1	7/2/2007 1:30:57 PM
Thallium	U	0.0150		mg/L	1	7/2/2007 1:30:57 PM
Vanadium	0.0936	0.0200		mg/L	1	7/2/2007 1:30:57 PM
Zinc	0.826	0.0200		mg/L	1	7/2/2007 1:30:57 PM
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3510**		Analyst: **RN**
1,2,4-Trichlorobenzene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
1,2-Dichlorobenzene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
1,3-Dichlorobenzene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
1,4-Dichlorobenzene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
2,4,5-Trichlorophenol	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
2,4,6-Trichlorophenol	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
2,4-Dichlorophenol	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
2,4-Dimethylphenol	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
2,4-Dinitrophenol	U	11		µg/L	1	6/27/2007 9:12:00 PM
2,4-Dinitrotoluene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
2,6-Dinitrotoluene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
2-Chloronaphthalene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
2-Chlorophenol	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
2-Methylnaphthalene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
2-Methylphenol	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
2-Nitroaniline	U	5.3		µg/L	1	6/27/2007 9:12:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-1
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 4:05:00 AM
Lab ID:	0706226-01A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3510**		Analyst: **RN**
2-Nitrophenol	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
3,3'-Dichlorobenzidine	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
3+4-Methylphenol	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
3-Nitroaniline	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
4,6-Dinitro-2-methylphenol	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
4-Bromophenyl phenyl ether	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
4-Chloro-3-methylphenol	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
4-Chloroaniline	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
4-Chlorophenyl phenyl ether	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
4-Nitroaniline	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
4-Nitrophenol	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Acenaphthene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Acenaphthylene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Aniline	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Anthracene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Azobenzene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Benzidine	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Benzo(a)anthracene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Benzo(a)pyrene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Benzo(b)fluoranthene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Benzo(g,h,i)perylene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Benzo(k)fluoranthene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Benzoic acid	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Benzyl alcohol	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Bis(2-chloroethoxy)methane	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Bis(2-chloroethyl)ether	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Bis(2-chloroisopropyl)ether	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Bis(2-ethylhexyl)phthalate	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Butyl benzyl phthalate	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Carbazole	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Chrysene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Dibenzo(a,h)anthracene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Dibenzofuran	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Diethyl phthalate	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Dimethyl phthalate	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Di-n-butyl phthalate	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Di-n-octyl phthalate	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Fluoranthene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Fluorene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-1
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 4:05:00 AM
Lab ID:	0706226-01A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3510**		Analyst: **RN**
Hexachlorobenzene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Hexachlorobutadiene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Hexachlorocyclopentadiene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Hexachloroethane	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Indeno(1,2,3-c,d)pyrene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Isophorone	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Naphthalene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Nitrobenzene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
N-Nitrosodimethylamine	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
N-Nitrosodi-n-propylamine	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
N-Nitrosodiphenylamine	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Pentachlorophenol	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Phenanthrene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Phenol	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Pyrene	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Pyridine	U	5.3		µg/L	1	6/27/2007 9:12:00 PM
Surr: 2,4,6-Tribromophenol	70.7	22-124		%REC	1	6/27/2007 9:12:00 PM
Surr: 2-Fluorobiphenyl	62.4	18-124		%REC	1	6/27/2007 9:12:00 PM
Surr: 2-Fluorophenol	65.7	16-112		%REC	1	6/27/2007 9:12:00 PM
Surr: 4-Terphenyl-d14	83.1	17-121		%REC	1	6/27/2007 9:12:00 PM
Surr: Nitrobenzene-d5	62.6	19-115		%REC	1	6/27/2007 9:12:00 PM
Surr: Phenol-d6	49.3	12-102		%REC	1	6/27/2007 9:12:00 PM
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
1,1,1-Trichloroethane	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
1,1,2-Trichloroethane	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
1,1-Dichloroethane	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
1,1-Dichloroethene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
1,1-Dichloropropene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
1,2,3-Trichloropropane	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
1,2,4,5-Tetramethylbenzene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
1,2-Dibromoethane	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
1,2-Dichlorobenzene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-1
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 4:05:00 AM
Lab ID:	0706226-01A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,2-Dichloroethane	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
1,2-Dichloropropane	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
1,3-Dichlorobenzene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
1,3-dichloropropane	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
1,4-Dichlorobenzene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
2,2-Dichloropropane	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
2-Butanone	U	3.0		µg/L	1	6/26/2007 9:53:00 AM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
2-Chlorotoluene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
2-Hexanone	U	2.0		µg/L	1	6/26/2007 9:53:00 AM
2-Propanol	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
4-Chlorotoluene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
4-Isopropyltoluene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
4-Methyl-2-pentanone	U	2.0		µg/L	1	6/26/2007 9:53:00 AM
Acetone	U	2.0		µg/L	1	6/26/2007 9:53:00 AM
Acrolein	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Acrylonitrile	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Benzene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Bromobenzene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Bromochloromethane	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Bromodichloromethane	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Bromoform	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Bromomethane	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Carbon disulfide	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Carbon tetrachloride	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Chlorobenzene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Chlorodifluoromethane	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Chloroethane	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Chloroform	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Chloromethane	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
cis-1,2-Dichloroethene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Dibromochloromethane	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Dibromomethane	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Dichlorodifluoromethane	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Diisopropyl ether	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Ethanol	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Ethyl acetate	U	1.0		µg/L	1	6/26/2007 9:53:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-1
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 4:05:00 AM
Lab ID:	0706226-01A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
Ethylbenzene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Freon-114	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Hexachlorobutadiene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Isopropyl acetate	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Isopropylbenzene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
m,p-Xylene	U	2.0		µg/L	1	6/26/2007 9:53:00 AM
Methyl tert-butyl ether	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Methylene chloride	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
n-Amyl acetate	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Naphthalene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
n-Butyl acetate	U	2.0		µg/L	1	6/26/2007 9:53:00 AM
n-Butylbenzene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
n-Propyl acetate	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
n-Propylbenzene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
o-Xylene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
p-Diethylbenzene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
p-Ethyltoluene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
sec-Butylbenzene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Styrene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
t-Butyl alcohol	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
tert-Butylbenzene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Tetrachloroethene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Toluene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
trans-1,2-Dichloroethene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Trichloroethene	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Trichlorofluoromethane	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Vinyl acetate	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Vinyl chloride	U	1.0		µg/L	1	6/26/2007 9:53:00 AM
Surr: 4-Bromofluorobenzene	93.4	54-134		%REC	1	6/26/2007 9:53:00 AM
Surr: Dibromofluoromethane	102	52-132		%REC	1	6/26/2007 9:53:00 AM
Surr: Toluene-d8	89.3	51-127		%REC	1	6/26/2007 9:53:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-1
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 4:05:00 AM
Lab ID:	0706226-01B	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY-DISSOLVED		**SW7470A**		**SW3005A**		Analyst: **JP**
Mercury	U	0.000200		mg/L	1	6/28/2007 2:04:12 PM
TARGET ANALYTE LIST METALS-DISSOLVED		**SW6010B**		**SW3005A**		Analyst: **JP**
Aluminum	0.0262	0.0200		mg/L	1	7/2/2007 1:27:57 PM
Antimony	U	0.0250		mg/L	1	7/2/2007 1:27:57 PM
Arsenic	U	0.0250		mg/L	1	7/2/2007 1:27:57 PM
Barium	0.162	0.0200		mg/L	1	7/2/2007 1:27:57 PM
Beryllium	U	0.0200		mg/L	1	7/2/2007 1:27:57 PM
Cadmium	U	0.0100		mg/L	1	7/2/2007 1:27:57 PM
Calcium	49.8	0.0250		mg/L	1	7/2/2007 1:27:57 PM
Chromium	0.00631	0.0200	J	mg/L	1	7/2/2007 1:27:57 PM
Cobalt	U	0.0200		mg/L	1	7/2/2007 1:27:57 PM
Copper	U	0.0200		mg/L	1	7/2/2007 1:27:57 PM
Iron	0.0339	0.0200		mg/L	1	7/2/2007 1:27:57 PM
Lead	U	0.0150		mg/L	1	7/2/2007 1:27:57 PM
Magnesium	22.0	0.0200		mg/L	1	7/2/2007 1:27:57 PM
Manganese	2.81	0.0200		mg/L	1	7/2/2007 1:27:57 PM
Nickel	0.0260	0.0200		mg/L	1	7/2/2007 1:27:57 PM
Potassium	4.10	0.100		mg/L	1	7/2/2007 1:27:57 PM
Selenium	U	0.0250		mg/L	1	7/2/2007 1:27:57 PM
Silver	U	0.0200		mg/L	1	7/2/2007 1:27:57 PM
Sodium	66.9	0.0300		mg/L	1	7/2/2007 1:27:57 PM
Thallium	U	0.0150		mg/L	1	7/2/2007 1:27:57 PM
Vanadium	U	0.0200		mg/L	1	7/2/2007 1:27:57 PM
Zinc	0.0738	0.0200		mg/L	1	7/2/2007 1:27:57 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-2
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 12:15:00 PM
Lab ID:	0706226-02A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY		**SW7470A**				Analyst: **JP**
Mercury	U	0.000200		mg/L	1	6/28/2007 2:12:47 PM
PCB'S AS AROCLORS SW-846 METHOD 8082		**SW8082A**		**SW3510B**		Analyst: **KF**
Aroclor 1016	U	1.1		µg/L	1	6/29/2007 1:21:00 PM
Aroclor 1221	U	1.1		µg/L	1	6/29/2007 1:21:00 PM
Aroclor 1232	U	1.1		µg/L	1	6/29/2007 1:21:00 PM
Aroclor 1242	U	1.1		µg/L	1	6/29/2007 1:21:00 PM
Aroclor 1248	U	1.1		µg/L	1	6/29/2007 1:21:00 PM
Aroclor 1254	U	1.1		µg/L	1	6/29/2007 1:21:00 PM
Aroclor 1260	U	1.1		µg/L	1	6/29/2007 1:21:00 PM
Surr: DCB	32.6	11-125		%REC	1	6/29/2007 1:21:00 PM
Surr: TCX	69.9	16-126		%REC	1	6/29/2007 1:21:00 PM
PESTICIDES SW-846 METHOD 8081		**SW8081B**		**SW3510B**		Analyst: **MMR**
4,4'-DDD	U	0.21		µg/L	1	6/29/2007 8:53:00 PM
4,4'-DDE	U	0.21		µg/L	1	6/29/2007 8:53:00 PM
4,4'-DDT	U	0.21		µg/L	1	6/29/2007 8:53:00 PM
Aldrin	U	0.21		µg/L	1	6/29/2007 8:53:00 PM
alpha-BHC	U	0.21		µg/L	1	6/29/2007 8:53:00 PM
beta-BHC	U	0.21		µg/L	1	6/29/2007 8:53:00 PM
Chlordane	U	1.1		µg/L	1	6/29/2007 8:53:00 PM
Chlorobenzilate	U	0.21		µg/L	1	6/29/2007 8:53:00 PM
DBCP	U	0.21		µg/L	1	6/29/2007 8:53:00 PM
delta-BHC	U	0.21		µg/L	1	6/29/2007 8:53:00 PM
Dieldrin	U	0.21		µg/L	1	6/29/2007 8:53:00 PM
Endosulfan I	U	0.21		µg/L	1	6/29/2007 8:53:00 PM
Endosulfan II	U	0.21		µg/L	1	6/29/2007 8:53:00 PM
Endosulfan sulfate	U	0.21		µg/L	1	6/29/2007 8:53:00 PM
Endrin	U	0.21		µg/L	1	6/29/2007 8:53:00 PM
Endrin aldehyde	U	0.21		µg/L	1	6/29/2007 8:53:00 PM
Endrin ketone	U	0.21		µg/L	1	6/29/2007 8:53:00 PM
gamma-BHC	U	0.21		µg/L	1	6/29/2007 8:53:00 PM
Heptachlor	U	0.21		µg/L	1	6/29/2007 8:53:00 PM
Heptachlor epoxide	U	0.21		µg/L	1	6/29/2007 8:53:00 PM
Hexachlorobenzene	U	0.21		µg/L	1	6/29/2007 8:53:00 PM
Hexachlorocyclopentadiene	U	0.21		µg/L	1	6/29/2007 8:53:00 PM
Methoxychlor	U	0.21		µg/L	1	6/29/2007 8:53:00 PM
Toxaphene	U	1.1		µg/L	1	6/29/2007 8:53:00 PM
Surr: DCB	18.8	26-130	S	%REC	1	6/29/2007 8:53:00 PM
Surr: TCX	54.5	29-127		%REC	1	6/29/2007 8:53:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-2
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 12:15:00 PM
Lab ID:	0706226-02A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TARGET ANALYTE LIST METALS		**SW6010B**		**SW3010A**		Analyst: **JP**
Aluminum	41.2	0.0200		mg/L	1	7/2/2007 1:37:28 PM
Antimony	U	0.0250		mg/L	1	7/2/2007 1:37:28 PM
Arsenic	0.0440	0.0250		mg/L	1	7/2/2007 1:37:28 PM
Barium	0.494	0.0200		mg/L	1	7/2/2007 1:37:28 PM
Beryllium	U	0.0200		mg/L	1	7/2/2007 1:37:28 PM
Cadmium	U	0.0100		mg/L	1	7/2/2007 1:37:28 PM
Calcium	43.0	0.0250		mg/L	1	7/2/2007 1:37:28 PM
Chromium	0.277	0.0200		mg/L	1	7/2/2007 1:37:28 PM
Cobalt	U	0.0200		mg/L	1	7/2/2007 1:37:28 PM
Copper	0.150	0.0200		mg/L	1	7/2/2007 1:37:28 PM
Iron	127	0.0200		mg/L	1	7/2/2007 1:37:28 PM
Lead	0.0737	0.0150		mg/L	1	7/2/2007 1:37:28 PM
Magnesium	21.0	0.0200		mg/L	1	7/2/2007 1:37:28 PM
Manganese	2.83	0.0200		mg/L	1	7/2/2007 1:37:28 PM
Nickel	0.141	0.0200		mg/L	1	7/2/2007 1:37:28 PM
Potassium	8.75	0.100		mg/L	1	7/2/2007 1:37:28 PM
Selenium	U	0.0250		mg/L	1	7/2/2007 1:37:28 PM
Silver	U	0.0200		mg/L	1	7/2/2007 1:37:28 PM
Sodium	54.4	0.0300		mg/L	1	7/2/2007 1:37:28 PM
Thallium	U	0.0150		mg/L	1	7/2/2007 1:37:28 PM
Vanadium	0.145	0.0200		mg/L	1	7/2/2007 1:37:28 PM
Zinc	0.750	0.0200		mg/L	1	7/2/2007 1:37:28 PM
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3510**		Analyst: **RN**
1,2,4-Trichlorobenzene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
1,2-Dichlorobenzene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
1,3-Dichlorobenzene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
1,4-Dichlorobenzene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
2,4,5-Trichlorophenol	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
2,4,6-Trichlorophenol	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
2,4-Dichlorophenol	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
2,4-Dimethylphenol	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
2,4-Dinitrophenol	U	10		µg/L	1	6/27/2007 9:37:00 PM
2,4-Dinitrotoluene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
2,6-Dinitrotoluene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
2-Chloronaphthalene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
2-Chlorophenol	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
2-Methylnaphthalene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
2-Methylphenol	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
2-Nitroaniline	U	5.2		µg/L	1	6/27/2007 9:37:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-2
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 12:15:00 PM
Lab ID:	0706226-02A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3510**		Analyst: **RN**
2-Nitrophenol	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
3,3'-Dichlorobenzidine	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
3+4-Methylphenol	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
3-Nitroaniline	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
4,6-Dinitro-2-methylphenol	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
4-Bromophenyl phenyl ether	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
4-Chloro-3-methylphenol	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
4-Chloroaniline	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
4-Chlorophenyl phenyl ether	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
4-Nitroaniline	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
4-Nitrophenol	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Acenaphthene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Acenaphthylene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Aniline	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Anthracene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Azobenzene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Benzidine	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Benzo(a)anthracene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Benzo(a)pyrene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Benzo(b)fluoranthene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Benzo(g,h,i)perylene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Benzo(k)fluoranthene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Benzoic acid	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Benzyl alcohol	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Bis(2-chloroethoxy)methane	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Bis(2-chloroethyl)ether	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Bis(2-chloroisopropyl)ether	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Bis(2-ethylhexyl)phthalate	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Butyl benzyl phthalate	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Carbazole	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Chrysene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Dibenzo(a,h)anthracene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Dibenzofuran	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Diethyl phthalate	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Dimethyl phthalate	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Di-n-butyl phthalate	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Di-n-octyl phthalate	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Fluoranthene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Fluorene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-2
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 12:15:00 PM
Lab ID:	0706226-02A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3510**		Analyst: **RN**
Hexachlorobenzene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Hexachlorobutadiene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Hexachlorocyclopentadiene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Hexachloroethane	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Indeno(1,2,3-c,d)pyrene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Isophorone	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Naphthalene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Nitrobenzene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
N-Nitrosodimethylamine	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
N-Nitrosodi-n-propylamine	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
N-Nitrosodiphenylamine	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Pentachlorophenol	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Phenanthrene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Phenol	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Pyrene	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Pyridine	U	5.2		µg/L	1	6/27/2007 9:37:00 PM
Surr: 2,4,6-Tribromophenol	76.2	22-124		%REC	1	6/27/2007 9:37:00 PM
Surr: 2-Fluorobiphenyl	68.7	18-124		%REC	1	6/27/2007 9:37:00 PM
Surr: 2-Fluorophenol	64.7	16-112		%REC	1	6/27/2007 9:37:00 PM
Surr: 4-Terphenyl-d14	91.4	17-121		%REC	1	6/27/2007 9:37:00 PM
Surr: Nitrobenzene-d5	71.0	19-115		%REC	1	6/27/2007 9:37:00 PM
Surr: Phenol-d6	42.6	12-102		%REC	1	6/27/2007 9:37:00 PM
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
1,1,1-Trichloroethane	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
1,1,2-Trichloroethane	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
1,1-Dichloroethane	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
1,1-Dichloroethene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
1,1-Dichloropropene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
1,2,3-Trichloropropane	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
1,2,4,5-Tetramethylbenzene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
1,2-Dibromoethane	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
1,2-Dichlorobenzene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-2
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 12:15:00 PM
Lab ID:	0706226-02A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,2-Dichloroethane	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
1,2-Dichloropropane	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
1,3-Dichlorobenzene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
1,3-dichloropropane	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
1,4-Dichlorobenzene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
2,2-Dichloropropane	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
2-Butanone	U	3.0		µg/L	1	6/26/2007 10:18:00 AM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
2-Chlorotoluene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
2-Hexanone	U	2.0		µg/L	1	6/26/2007 10:18:00 AM
2-Propanol	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
4-Chlorotoluene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
4-Isopropyltoluene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
4-Methyl-2-pentanone	U	2.0		µg/L	1	6/26/2007 10:18:00 AM
Acetone	U	2.0		µg/L	1	6/26/2007 10:18:00 AM
Acrolein	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Acrylonitrile	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Benzene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Bromobenzene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Bromochloromethane	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Bromodichloromethane	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Bromoform	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Bromomethane	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Carbon disulfide	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Carbon tetrachloride	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Chlorobenzene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Chlorodifluoromethane	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Chloroethane	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Chloroform	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Chloromethane	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
cis-1,2-Dichloroethene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Dibromochloromethane	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Dibromomethane	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Dichlorodifluoromethane	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Diisopropyl ether	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Ethanol	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Ethyl acetate	U	1.0		µg/L	1	6/26/2007 10:18:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-2
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 12:15:00 PM
Lab ID:	0706226-02A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
Ethylbenzene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Freon-114	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Hexachlorobutadiene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Isopropyl acetate	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Isopropylbenzene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
m,p-Xylene	U	2.0		µg/L	1	6/26/2007 10:18:00 AM
Methyl tert-butyl ether	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Methylene chloride	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
n-Amyl acetate	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Naphthalene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
n-Butyl acetate	U	2.0		µg/L	1	6/26/2007 10:18:00 AM
n-Butylbenzene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
n-Propyl acetate	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
n-Propylbenzene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
o-Xylene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
p-Diethylbenzene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
p-Ethyltoluene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
sec-Butylbenzene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Styrene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
t-Butyl alcohol	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
tert-Butylbenzene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Tetrachloroethene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Toluene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
trans-1,2-Dichloroethene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Trichloroethene	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Trichlorofluoromethane	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Vinyl acetate	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Vinyl chloride	U	1.0		µg/L	1	6/26/2007 10:18:00 AM
Surr: 4-Bromofluorobenzene	85.8	54-134		%REC	1	6/26/2007 10:18:00 AM
Surr: Dibromofluoromethane	106	52-132		%REC	1	6/26/2007 10:18:00 AM
Surr: Toluene-d8	90.8	51-127		%REC	1	6/26/2007 10:18:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-2
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 12:15:00 PM
Lab ID:	0706226-02B	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY-DISSOLVED		**SW7470A**		**SW3005A**		Analyst: **JP**
Mercury	U	0.000200		mg/L	1	6/28/2007 2:06:22 PM
TARGET ANALYTE LIST METALS-DISSOLVED		**SW6010B**		**SW3005A**		Analyst: **JP**
Aluminum	0.0456	0.0200		mg/L	1	7/2/2007 1:35:09 PM
Antimony	U	0.0250		mg/L	1	7/2/2007 1:35:09 PM
Arsenic	U	0.0250		mg/L	1	7/2/2007 1:35:09 PM
Barium	0.173	0.0200		mg/L	1	7/2/2007 1:35:09 PM
Beryllium	U	0.0200		mg/L	1	7/2/2007 1:35:09 PM
Cadmium	U	0.0100		mg/L	1	7/2/2007 1:35:09 PM
Calcium	50.0	0.0250		mg/L	1	7/2/2007 1:35:09 PM
Chromium	U	0.0200		mg/L	1	7/2/2007 1:35:09 PM
Cobalt	U	0.0200		mg/L	1	7/2/2007 1:35:09 PM
Copper	U	0.0200		mg/L	1	7/2/2007 1:35:09 PM
Iron	0.0797	0.0200		mg/L	1	7/2/2007 1:35:09 PM
Lead	U	0.0150		mg/L	1	7/2/2007 1:35:09 PM
Magnesium	21.3	0.0200		mg/L	1	7/2/2007 1:35:09 PM
Manganese	1.29	0.0200		mg/L	1	7/2/2007 1:35:09 PM
Nickel	0.0155	0.0200	J	mg/L	1	7/2/2007 1:35:09 PM
Potassium	3.98	0.100		mg/L	1	7/2/2007 1:35:09 PM
Selenium	U	0.0250		mg/L	1	7/2/2007 1:35:09 PM
Silver	U	0.0200		mg/L	1	7/2/2007 1:35:09 PM
Sodium	64.2	0.0300		mg/L	1	7/2/2007 1:35:09 PM
Thallium	U	0.0150		mg/L	1	7/2/2007 1:35:09 PM
Vanadium	U	0.0200		mg/L	1	7/2/2007 1:35:09 PM
Zinc	0.0456	0.0200		mg/L	1	7/2/2007 1:35:09 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-2 {0-2'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 1:30:00 PM
Lab ID:	0706226-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY		**SW7471B**		**SW7471B**		Analyst: **JP**
Mercury	0.163	0.0107		mg/Kg-dry	1	6/29/2007 12:52:48 PM
PCB'S AS AROCLORS SW-846 METHOD 8082		**SW8082A**		**SW3550**		Analyst: **KF**
Aroclor 1016	U	94		µg/Kg-dry	1	6/29/2007 9:46:00 AM
Aroclor 1221	U	94		µg/Kg-dry	1	6/29/2007 9:46:00 AM
Aroclor 1232	U	94		µg/Kg-dry	1	6/29/2007 9:46:00 AM
Aroclor 1242	U	94		µg/Kg-dry	1	6/29/2007 9:46:00 AM
Aroclor 1248	U	94		µg/Kg-dry	1	6/29/2007 9:46:00 AM
Aroclor 1254	U	94		µg/Kg-dry	1	6/29/2007 9:46:00 AM
Aroclor 1260	U	94		µg/Kg-dry	1	6/29/2007 9:46:00 AM
Surr: TCX	84.8	26-136		%REC	1	6/29/2007 9:46:00 AM
Surr: DCB	91.7	20-133		%REC	1	6/29/2007 9:46:00 AM
PESTICIDES SW-846 METHOD 8081		**SW8081B**		**SW3550**		Analyst: **MMR**
4,4'-DDD	U	5.8		µg/Kg-dry	1	6/29/2007 11:11:00 PM
4,4'-DDE	0.48	5.8	J	µg/Kg-dry	1	6/29/2007 11:11:00 PM
4,4'-DDT	U	5.8		µg/Kg-dry	1	6/29/2007 11:11:00 PM
Aldrin	U	5.8		µg/Kg-dry	1	6/29/2007 11:11:00 PM
alpha-BHC	U	5.8		µg/Kg-dry	1	6/29/2007 11:11:00 PM
beta-BHC	U	5.8		µg/Kg-dry	1	6/29/2007 11:11:00 PM
Chlordane	U	18		µg/Kg-dry	1	6/29/2007 11:11:00 PM
Chlorobenzilate	U	5.8		µg/Kg-dry	1	6/29/2007 11:11:00 PM
DBCP	U	5.8		µg/Kg-dry	1	6/29/2007 11:11:00 PM
delta-BHC	U	5.8		µg/Kg-dry	1	6/29/2007 11:11:00 PM
Dieldrin	U	5.8		µg/Kg-dry	1	6/29/2007 11:11:00 PM
Endosulfan I	U	5.8		µg/Kg-dry	1	6/29/2007 11:11:00 PM
Endosulfan II	U	5.8		µg/Kg-dry	1	6/29/2007 11:11:00 PM
Endosulfan sulfate	U	5.8		µg/Kg-dry	1	6/29/2007 11:11:00 PM
Endrin	U	5.8		µg/Kg-dry	1	6/29/2007 11:11:00 PM
Endrin aldehyde	U	5.8		µg/Kg-dry	1	6/29/2007 11:11:00 PM
Endrin ketone	U	5.8		µg/Kg-dry	1	6/29/2007 11:11:00 PM
gamma-BHC	U	5.8		µg/Kg-dry	1	6/29/2007 11:11:00 PM
Heptachlor	U	5.8		µg/Kg-dry	1	6/29/2007 11:11:00 PM
Heptachlor epoxide	U	5.8		µg/Kg-dry	1	6/29/2007 11:11:00 PM
Hexachlorobenzene	U	5.8		µg/Kg-dry	1	6/29/2007 11:11:00 PM
Hexachlorocyclopentadiene	U	5.8		µg/Kg-dry	1	6/29/2007 11:11:00 PM
Methoxychlor	U	5.8		µg/Kg-dry	1	6/29/2007 11:11:00 PM
Toxaphene	U	56		µg/Kg-dry	1	6/29/2007 11:11:00 PM
Surr: DCB	50.9	31-133		%REC	1	6/29/2007 11:11:00 PM
Surr: TCX	79.3	32-132		%REC	1	6/29/2007 11:11:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-2 {0-2'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 1:30:00 PM
Lab ID:	0706226-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE		**D2216**				Analyst: **CM**
Percent Moisture	14.5	0		wt%	1	6/25/2007
TARGET ANALYTE LIST METALS		**SW6010B**		**SW3050A**		Analyst: **JP**
Aluminum	8740	4.57		mg/Kg-dry	10	7/2/2007 2:34:57 PM
Antimony	0.572	0.571		mg/Kg-dry	1	7/2/2007 2:24:08 PM
Arsenic	2.90	0.571		mg/Kg-dry	1	7/2/2007 2:24:08 PM
Barium	178	0.457		mg/Kg-dry	1	7/2/2007 2:24:08 PM
Beryllium	U	0.457		mg/Kg-dry	1	7/2/2007 2:24:08 PM
Cadmium	U	0.228		mg/Kg-dry	1	7/2/2007 2:24:08 PM
Calcium	2490	0.571		mg/Kg-dry	1	7/2/2007 2:24:08 PM
Chromium	21.8	0.457		mg/Kg-dry	1	7/2/2007 2:24:08 PM
Cobalt	U	0.457		mg/Kg-dry	1	7/2/2007 2:24:08 PM
Copper	17.4	0.457		mg/Kg-dry	1	7/2/2007 2:24:08 PM
Iron	12000	4.57		mg/Kg-dry	10	7/2/2007 2:34:57 PM
Lead	57.8	0.343		mg/Kg-dry	1	7/2/2007 2:24:08 PM
Magnesium	2040	0.457		mg/Kg-dry	1	7/2/2007 2:24:08 PM
Manganese	136	0.457		mg/Kg-dry	1	7/2/2007 2:24:08 PM
Nickel	13.7	0.457		mg/Kg-dry	1	7/2/2007 2:24:08 PM
Potassium	940	2.28		mg/Kg-dry	1	7/2/2007 2:24:08 PM
Selenium	U	0.571		mg/Kg-dry	1	7/2/2007 2:24:08 PM
Silver	U	0.457		mg/Kg-dry	1	7/2/2007 2:24:08 PM
Sodium	228	1.37		mg/Kg-dry	1	7/2/2007 2:24:08 PM
Thallium	U	0.457		mg/Kg-dry	1	7/2/2007 2:24:08 PM
Vanadium	20.1	0.457		mg/Kg-dry	1	7/2/2007 2:24:08 PM
Zinc	102	0.457		mg/Kg-dry	1	7/2/2007 2:24:08 PM
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
1,2,4-Trichlorobenzene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
1,2-Dichlorobenzene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
1,3-Dichlorobenzene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
1,4-Dichlorobenzene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
2,4,5-Trichlorophenol	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
2,4,6-Trichlorophenol	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
2,4-Dichlorophenol	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
2,4-Dimethylphenol	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
2,4-Dinitrophenol	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
2,4-Dinitrotoluene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
2,6-Dinitrotoluene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
2-Chloronaphthalene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
2-Chlorophenol	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-2 {0-2'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 1:30:00 PM
Lab ID:	0706226-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
2-Methylnaphthalene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
2-Methylphenol	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
2-Nitroaniline	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
2-Nitrophenol	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
3,3'-Dichlorobenzidine	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
3+4-Methylphenol	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
3-Nitroaniline	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
4,6-Dinitro-2-methylphenol	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
4-Bromophenyl phenyl ether	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
4-Chloro-3-methylphenol	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
4-Chloroaniline	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
4-Chlorophenyl phenyl ether	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
4-Nitroaniline	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
4-Nitrophenol	U	180		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Acenaphthene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Acenaphthylene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Aniline	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Anthracene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Azobenzene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Benzidine	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Benzo(a)anthracene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Benzo(a)pyrene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Benzo(b)fluoranthene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Benzo(g,h,i)perylene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Benzo(k)fluoranthene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Benzoic acid	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Benzyl alcohol	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Bis(2-chloroethoxy)methane	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Bis(2-chloroethyl)ether	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Bis(2-chloroisopropyl)ether	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Bis(2-ethylhexyl)phthalate	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Butyl benzyl phthalate	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Carbazole	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Chrysene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Dibenzo(a,h)anthracene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Dibenzofuran	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Diethyl phthalate	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Dimethyl phthalate	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Di-n-butyl phthalate	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-2 {0-2'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 1:30:00 PM
Lab ID:	0706226-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
Di-n-octyl phthalate	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Fluoranthene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Fluorene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Hexachlorobenzene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Hexachlorobutadiene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Hexachlorocyclopentadiene	U	180		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Hexachloroethane	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Indeno(1,2,3-c,d)pyrene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Isophorone	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Naphthalene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Nitrobenzene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
N-Nitrosodimethylamine	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
N-Nitrosodi-n-propylamine	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
N-Nitrosodiphenylamine	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Pentachlorophenol	U	180		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Phenanthrene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Phenol	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Pyrene	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Pyridine	U	140		µg/Kg-dry	1	6/26/2007 6:52:00 PM
Surr: 2,4,6-Tribromophenol	73.5	22-124		%REC	1	6/26/2007 6:52:00 PM
Surr: 2-Fluorobiphenyl	88.0	27-119		%REC	1	6/26/2007 6:52:00 PM
Surr: 2-Fluorophenol	94.9	21-123		%REC	1	6/26/2007 6:52:00 PM
Surr: 4-Terphenyl-d14	97.0	28-126		%REC	1	6/26/2007 6:52:00 PM
Surr: Nitrobenzene-d5	82.9	21-118		%REC	1	6/26/2007 6:52:00 PM
Surr: Phenol-d6	96.6	18-129		%REC	1	6/26/2007 6:52:00 PM
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,1,1,2-Tetrachloroethane	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
1,1,1-Trichloroethane	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
1,1,2,2-Tetrachloroethane	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
1,1,2-Trichloroethane	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
1,1-Dichloroethane	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
1,1-Dichloroethene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
1,1-Dichloropropene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
1,2,3-Trichlorobenzene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
1,2,3-Trichloropropane	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
1,2,4,5-Tetramethylbenzene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
1,2,4-Trichlorobenzene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
1,2,4-Trimethylbenzene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-2 {0-2'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 1:30:00 PM
Lab ID:	0706226-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,2-Dibromo-3-chloropropane	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
1,2-Dibromoethane	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
1,2-Dichlorobenzene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
1,2-Dichloroethane	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
1,2-Dichloropropane	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
1,3,5-Trimethylbenzene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
1,3-Dichlorobenzene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
1,3-dichloropropane	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
1,4-Dichlorobenzene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
2,2-Dichloropropane	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
2-Butanone	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
2-Chloroethyl vinyl ether	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
2-Chlorotoluene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
2-Hexanone	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
2-Propanol	U	68		µg/Kg-dry	1	6/26/2007 10:42:00 AM
4-Chlorotoluene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
4-Isopropyltoluene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
4-Methyl-2-pentanone	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Acetone	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Acrolein	U	34		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Acrylonitrile	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Benzene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Bromobenzene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Bromochloromethane	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Bromodichloromethane	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Bromoform	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Bromomethane	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Carbon disulfide	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Carbon tetrachloride	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Chlorobenzene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Chlorodifluoromethane	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Chloroethane	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Chloroform	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Chloromethane	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
cis-1,2-Dichloroethene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
cis-1,3-Dichloropropene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Dibromochloromethane	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Dibromomethane	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Dichlorodifluoromethane	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-2 {0-2'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 1:30:00 PM
Lab ID:	0706226-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
Diisopropyl ether	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Ethanol	U	34		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Ethyl acetate	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Ethylbenzene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Freon-114	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Hexachlorobutadiene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Isopropyl acetate	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Isopropylbenzene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
m,p-Xylene	1.4	14	J	µg/Kg-dry	1	6/26/2007 10:42:00 AM
Methyl tert-butyl ether	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Methylene chloride	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
n-Amyl acetate	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Naphthalene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
n-Butyl acetate	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
n-Butylbenzene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
n-Propyl acetate	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
n-Propylbenzene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
o-Xylene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
p-Diethylbenzene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
p-Ethyltoluene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
sec-Butylbenzene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Styrene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
t-Butyl alcohol	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
tert-Butylbenzene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Tetrachloroethene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Toluene	1.3	6.8	J	µg/Kg-dry	1	6/26/2007 10:42:00 AM
trans-1,2-Dichloroethene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
trans-1,3-Dichloropropene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Trichloroethene	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Trichlorofluoromethane	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Vinyl acetate	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Vinyl chloride	U	6.8		µg/Kg-dry	1	6/26/2007 10:42:00 AM
Surr: 4-Bromofluorobenzene	86.0	61-133		%REC	1	6/26/2007 10:42:00 AM
Surr: Dibromofluoromethane	108	61-139		%REC	1	6/26/2007 10:42:00 AM
Surr: Toluene-d8	91.7	57-131		%REC	1	6/26/2007 10:42:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-2 {20'-25'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 2:30:00 PM
Lab ID:	0706226-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY		**SW7471B**		**SW7471B**		Analyst: **JP**
Mercury	0.00478	0.00956	J	mg/Kg-dry	1	6/29/2007 12:54:57 PM
PCB'S AS AROCLORS SW-846 METHOD 8082		**SW8082A**		**SW3550**		Analyst: **KF**
Aroclor 1016	U	81		µg/Kg-dry	1	6/29/2007 10:02:00 AM
Aroclor 1221	U	81		µg/Kg-dry	1	6/29/2007 10:02:00 AM
Aroclor 1232	U	81		µg/Kg-dry	1	6/29/2007 10:02:00 AM
Aroclor 1242	U	81		µg/Kg-dry	1	6/29/2007 10:02:00 AM
Aroclor 1248	U	81		µg/Kg-dry	1	6/29/2007 10:02:00 AM
Aroclor 1254	U	81		µg/Kg-dry	1	6/29/2007 10:02:00 AM
Aroclor 1260	U	81		µg/Kg-dry	1	6/29/2007 10:02:00 AM
Surr: TCX	75.3	26-136		%REC	1	6/29/2007 10:02:00 AM
Surr: DCB	82.0	20-133		%REC	1	6/29/2007 10:02:00 AM
PESTICIDES SW-846 METHOD 8081		**SW8081B**		**SW3550**		Analyst: **MMR**
4,4'-DDD	U	5.0		µg/Kg-dry	1	6/30/2007 12:02:00 AM
4,4'-DDE	0.54	5.0	J	µg/Kg-dry	1	6/30/2007 12:02:00 AM
4,4'-DDT	U	5.0		µg/Kg-dry	1	6/30/2007 12:02:00 AM
Aldrin	U	5.0		µg/Kg-dry	1	6/30/2007 12:02:00 AM
alpha-BHC	U	5.0		µg/Kg-dry	1	6/30/2007 12:02:00 AM
beta-BHC	U	5.0		µg/Kg-dry	1	6/30/2007 12:02:00 AM
Chlordane	U	15		µg/Kg-dry	1	6/30/2007 12:02:00 AM
Chlorobenzilate	U	5.0		µg/Kg-dry	1	6/30/2007 12:02:00 AM
DBCP	U	5.0		µg/Kg-dry	1	6/30/2007 12:02:00 AM
delta-BHC	U	5.0		µg/Kg-dry	1	6/30/2007 12:02:00 AM
Dieldrin	U	5.0		µg/Kg-dry	1	6/30/2007 12:02:00 AM
Endosulfan I	U	5.0		µg/Kg-dry	1	6/30/2007 12:02:00 AM
Endosulfan II	U	5.0		µg/Kg-dry	1	6/30/2007 12:02:00 AM
Endosulfan sulfate	U	5.0		µg/Kg-dry	1	6/30/2007 12:02:00 AM
Endrin	U	5.0		µg/Kg-dry	1	6/30/2007 12:02:00 AM
Endrin aldehyde	U	5.0		µg/Kg-dry	1	6/30/2007 12:02:00 AM
Endrin ketone	U	5.0		µg/Kg-dry	1	6/30/2007 12:02:00 AM
gamma-BHC	U	5.0		µg/Kg-dry	1	6/30/2007 12:02:00 AM
Heptachlor	U	5.0		µg/Kg-dry	1	6/30/2007 12:02:00 AM
Heptachlor epoxide	U	5.0		µg/Kg-dry	1	6/30/2007 12:02:00 AM
Hexachlorobenzene	U	5.0		µg/Kg-dry	1	6/30/2007 12:02:00 AM
Hexachlorocyclopentadiene	U	5.0		µg/Kg-dry	1	6/30/2007 12:02:00 AM
Methoxychlor	U	5.0		µg/Kg-dry	1	6/30/2007 12:02:00 AM
Toxaphene	U	49		µg/Kg-dry	1	6/30/2007 12:02:00 AM
Surr: DCB	44.3	31-133		%REC	1	6/30/2007 12:02:00 AM
Surr: TCX	61.9	32-132		%REC	1	6/30/2007 12:02:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-2 {20'-25'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 2:30:00 PM
Lab ID:	0706226-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE		**D2216**				Analyst: **CM**
Percent Moisture	2.22	0		wt%	1	6/25/2007
TARGET ANALYTE LIST METALS		**SW6010B**		**SW3050A**		Analyst: **JP**
Aluminum	1650	0.377		mg/Kg-dry	1	7/2/2007 2:26:32 PM
Antimony	U	0.472		mg/Kg-dry	1	7/2/2007 2:26:32 PM
Arsenic	0.685	0.472		mg/Kg-dry	1	7/2/2007 2:26:32 PM
Barium	8.61	0.377		mg/Kg-dry	1	7/2/2007 2:26:32 PM
Beryllium	U	0.377		mg/Kg-dry	1	7/2/2007 2:26:32 PM
Cadmium	U	0.189		mg/Kg-dry	1	7/2/2007 2:26:32 PM
Calcium	5100	0.472		mg/Kg-dry	1	7/2/2007 2:26:32 PM
Chromium	2.97	0.377		mg/Kg-dry	1	7/2/2007 2:26:32 PM
Cobalt	U	0.377		mg/Kg-dry	1	7/2/2007 2:26:32 PM
Copper	4.18	0.377		mg/Kg-dry	1	7/2/2007 2:26:32 PM
Iron	2390	0.377		mg/Kg-dry	1	7/2/2007 2:26:32 PM
Lead	1.23	0.283		mg/Kg-dry	1	7/2/2007 2:26:32 PM
Magnesium	1410	0.377		mg/Kg-dry	1	7/2/2007 2:26:32 PM
Manganese	73.4	0.377		mg/Kg-dry	1	7/2/2007 2:26:32 PM
Nickel	3.49	0.377		mg/Kg-dry	1	7/2/2007 2:26:32 PM
Potassium	338	1.89		mg/Kg-dry	1	7/2/2007 2:26:32 PM
Selenium	U	0.472		mg/Kg-dry	1	7/2/2007 2:26:32 PM
Silver	U	0.377		mg/Kg-dry	1	7/2/2007 2:26:32 PM
Sodium	136	1.13		mg/Kg-dry	1	7/2/2007 2:26:32 PM
Thallium	U	0.377		mg/Kg-dry	1	7/2/2007 2:26:32 PM
Vanadium	3.63	0.377		mg/Kg-dry	1	7/2/2007 2:26:32 PM
Zinc	7.71	0.377		mg/Kg-dry	1	7/2/2007 2:26:32 PM
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
1,2,4-Trichlorobenzene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
1,2-Dichlorobenzene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
1,3-Dichlorobenzene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
1,4-Dichlorobenzene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
2,4,5-Trichlorophenol	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
2,4,6-Trichlorophenol	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
2,4-Dichlorophenol	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
2,4-Dimethylphenol	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
2,4-Dinitrophenol	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
2,4-Dinitrotoluene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
2,6-Dinitrotoluene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
2-Chloronaphthalene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
2-Chlorophenol	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-2 {20'-25'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 2:30:00 PM
Lab ID:	0706226-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
2-Methylnaphthalene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
2-Methylphenol	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
2-Nitroaniline	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
2-Nitrophenol	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
3,3'-Dichlorobenzidine	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
3+4-Methylphenol	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
3-Nitroaniline	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
4,6-Dinitro-2-methylphenol	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
4-Bromophenyl phenyl ether	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
4-Chloro-3-methylphenol	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
4-Chloroaniline	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
4-Chlorophenyl phenyl ether	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
4-Nitroaniline	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
4-Nitrophenol	U	150		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Acenaphthene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Acenaphthylene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Aniline	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Anthracene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Azobenzene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Benzidine	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Benzo(a)anthracene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Benzo(a)pyrene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Benzo(b)fluoranthene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Benzo(g,h,i)perylene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Benzo(k)fluoranthene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Benzoic acid	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Benzyl alcohol	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Bis(2-chloroethoxy)methane	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Bis(2-chloroethyl)ether	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Bis(2-chloroisopropyl)ether	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Bis(2-ethylhexyl)phthalate	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Butyl benzyl phthalate	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Carbazole	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Chrysene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Dibenzo(a,h)anthracene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Dibenzofuran	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Diethyl phthalate	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Dimethyl phthalate	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Di-n-butyl phthalate	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-2 {20'-25'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 2:30:00 PM
Lab ID:	0706226-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
Di-n-octyl phthalate	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Fluoranthene	140	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Fluorene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Hexachlorobenzene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Hexachlorobutadiene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Hexachlorocyclopentadiene	U	150		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Hexachloroethane	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Indeno(1,2,3-c,d)pyrene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Isophorone	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Naphthalene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Nitrobenzene	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
N-Nitrosodimethylamine	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
N-Nitrosodi-n-propylamine	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
N-Nitrosodiphenylamine	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Pentachlorophenol	U	150		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Phenanthrene	92	120	J	µg/Kg-dry	1	6/26/2007 7:17:00 PM
Phenol	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Pyrene	140	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Pyridine	U	120		µg/Kg-dry	1	6/26/2007 7:17:00 PM
Surr: 2,4,6-Tribromophenol	71.7	22-124		%REC	1	6/26/2007 7:17:00 PM
Surr: 2-Fluorobiphenyl	89.8	27-119		%REC	1	6/26/2007 7:17:00 PM
Surr: 2-Fluorophenol	97.1	21-123		%REC	1	6/26/2007 7:17:00 PM
Surr: 4-Terphenyl-d14	93.5	28-126		%REC	1	6/26/2007 7:17:00 PM
Surr: Nitrobenzene-d5	83.9	21-118		%REC	1	6/26/2007 7:17:00 PM
Surr: Phenol-d6	98.6	18-129		%REC	1	6/26/2007 7:17:00 PM
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,1,1,2-Tetrachloroethane	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
1,1,1-Trichloroethane	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
1,1,2,2-Tetrachloroethane	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
1,1,2-Trichloroethane	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
1,1-Dichloroethane	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
1,1-Dichloroethene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
1,1-Dichloropropene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
1,2,3-Trichlorobenzene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
1,2,3-Trichloropropane	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
1,2,4,5-Tetramethylbenzene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
1,2,4-Trichlorobenzene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
1,2,4-Trimethylbenzene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-2 {20'-25'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 2:30:00 PM
Lab ID:	0706226-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,2-Dibromo-3-chloropropane	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
1,2-Dibromoethane	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
1,2-Dichlorobenzene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
1,2-Dichloroethane	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
1,2-Dichloropropane	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
1,3,5-Trimethylbenzene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
1,3-Dichlorobenzene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
1,3-dichloropropane	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
1,4-Dichlorobenzene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
2,2-Dichloropropane	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
2-Butanone	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
2-Chloroethyl vinyl ether	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
2-Chlorotoluene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
2-Hexanone	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
2-Propanol	U	53		µg/Kg-dry	1	6/26/2007 11:07:00 AM
4-Chlorotoluene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
4-Isopropyltoluene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
4-Methyl-2-pentanone	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Acetone	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Acrolein	U	27		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Acrylonitrile	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Benzene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Bromobenzene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Bromochloromethane	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Bromodichloromethane	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Bromoform	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Bromomethane	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Carbon disulfide	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Carbon tetrachloride	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Chlorobenzene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Chlorodifluoromethane	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Chloroethane	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Chloroform	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Chloromethane	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
cis-1,2-Dichloroethene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
cis-1,3-Dichloropropene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Dibromochloromethane	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Dibromomethane	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Dichlorodifluoromethane	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-2 {20'-25'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 2:30:00 PM
Lab ID:	0706226-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
Diisopropyl ether	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Ethanol	U	27		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Ethyl acetate	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Ethylbenzene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Freon-114	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Hexachlorobutadiene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Isopropyl acetate	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Isopropylbenzene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
m,p-Xylene	U	11		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Methyl tert-butyl ether	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Methylene chloride	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
n-Amyl acetate	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Naphthalene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
n-Butyl acetate	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
n-Butylbenzene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
n-Propyl acetate	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
n-Propylbenzene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
o-Xylene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
p-Diethylbenzene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
p-Ethyltoluene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
sec-Butylbenzene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Styrene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
t-Butyl alcohol	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
tert-Butylbenzene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Tetrachloroethene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Toluene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
trans-1,2-Dichloroethene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
trans-1,3-Dichloropropene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Trichloroethene	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Trichlorofluoromethane	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Vinyl acetate	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Vinyl chloride	U	5.3		µg/Kg-dry	1	6/26/2007 11:07:00 AM
Surr: 4-Bromofluorobenzene	88.5	61-133		%REC	1	6/26/2007 11:07:00 AM
Surr: Dibromofluoromethane	103	61-139		%REC	1	6/26/2007 11:07:00 AM
Surr: Toluene-d8	85.8	57-131		%REC	1	6/26/2007 11:07:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-3 {0-2'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 9:50:00 AM
Lab ID:	0706226-05A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY		**SW7471B**		**SW7471B**		Analyst: **JP**
Mercury	0.0563	0.0105		mg/Kg-dry	1	6/29/2007 1:01:24 PM
PCB'S AS AROCLORS SW-846 METHOD 8082		**SW8082A**		**SW3550**		Analyst: **KF**
Aroclor 1016	U	88		µg/Kg-dry	1	6/29/2007 10:19:00 AM
Aroclor 1221	U	88		µg/Kg-dry	1	6/29/2007 10:19:00 AM
Aroclor 1232	U	88		µg/Kg-dry	1	6/29/2007 10:19:00 AM
Aroclor 1242	U	88		µg/Kg-dry	1	6/29/2007 10:19:00 AM
Aroclor 1248	U	88		µg/Kg-dry	1	6/29/2007 10:19:00 AM
Aroclor 1254	U	88		µg/Kg-dry	1	6/29/2007 10:19:00 AM
Aroclor 1260	U	88		µg/Kg-dry	1	6/29/2007 10:19:00 AM
Surr: TCX	107	26-136		%REC	1	6/29/2007 10:19:00 AM
Surr: DCB	112	20-133		%REC	1	6/29/2007 10:19:00 AM
PESTICIDES SW-846 METHOD 8081		**SW8081B**		**SW3550**		Analyst: **MMR**
4,4'-DDD	1.3	5.5	J	µg/Kg-dry	1	6/30/2007 12:19:00 AM
4,4'-DDE	0.78	5.5	J	µg/Kg-dry	1	6/30/2007 12:19:00 AM
4,4'-DDT	1.5	5.5	J	µg/Kg-dry	1	6/30/2007 12:19:00 AM
Aldrin	0.28	5.5	J	µg/Kg-dry	1	6/30/2007 12:19:00 AM
alpha-BHC	U	5.5		µg/Kg-dry	1	6/30/2007 12:19:00 AM
beta-BHC	U	5.5		µg/Kg-dry	1	6/30/2007 12:19:00 AM
Chlordane	U	16		µg/Kg-dry	1	6/30/2007 12:19:00 AM
Chlorobenzilate	U	5.5		µg/Kg-dry	1	6/30/2007 12:19:00 AM
DBCP	U	5.5		µg/Kg-dry	1	6/30/2007 12:19:00 AM
delta-BHC	U	5.5		µg/Kg-dry	1	6/30/2007 12:19:00 AM
Dieldrin	6.4	5.5		µg/Kg-dry	1	6/30/2007 12:19:00 AM
Endosulfan I	U	5.5		µg/Kg-dry	1	6/30/2007 12:19:00 AM
Endosulfan II	U	5.5		µg/Kg-dry	1	6/30/2007 12:19:00 AM
Endosulfan sulfate	U	5.5		µg/Kg-dry	1	6/30/2007 12:19:00 AM
Endrin	U	5.5		µg/Kg-dry	1	6/30/2007 12:19:00 AM
Endrin aldehyde	U	5.5		µg/Kg-dry	1	6/30/2007 12:19:00 AM
Endrin ketone	U	5.5		µg/Kg-dry	1	6/30/2007 12:19:00 AM
gamma-BHC	U	5.5		µg/Kg-dry	1	6/30/2007 12:19:00 AM
Heptachlor	U	5.5		µg/Kg-dry	1	6/30/2007 12:19:00 AM
Heptachlor epoxide	U	5.5		µg/Kg-dry	1	6/30/2007 12:19:00 AM
Hexachlorobenzene	U	5.5		µg/Kg-dry	1	6/30/2007 12:19:00 AM
Hexachlorocyclopentadiene	U	5.5		µg/Kg-dry	1	6/30/2007 12:19:00 AM
Methoxychlor	U	5.5		µg/Kg-dry	1	6/30/2007 12:19:00 AM
Toxaphene	U	53		µg/Kg-dry	1	6/30/2007 12:19:00 AM
Surr: DCB	104	31-133		%REC	1	6/30/2007 12:19:00 AM
Surr: TCX	120	32-132		%REC	1	6/30/2007 12:19:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-3 {0-2'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 9:50:00 AM
Lab ID:	0706226-05A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE		**D2216**				Analyst: **CM**
Percent Moisture	8.66	0		wt%	1	6/25/2007
TARGET ANALYTE LIST METALS		**SW6010B**		**SW3050A**		Analyst: **JP**
Aluminum	5620	3.81		mg/Kg-dry	10	7/2/2007 2:39:17 PM
Antimony	0.399	0.477	J	mg/Kg-dry	1	7/2/2007 2:30:20 PM
Arsenic	8.19	0.477		mg/Kg-dry	1	7/2/2007 2:30:20 PM
Barium	35.9	0.381		mg/Kg-dry	1	7/2/2007 2:30:20 PM
Beryllium	U	0.381		mg/Kg-dry	1	7/2/2007 2:30:20 PM
Cadmium	0.220	0.191		mg/Kg-dry	1	7/2/2007 2:30:20 PM
Calcium	27800	4.77		mg/Kg-dry	10	7/2/2007 2:39:17 PM
Chromium	9.42	0.381		mg/Kg-dry	1	7/2/2007 2:30:20 PM
Cobalt	U	0.381		mg/Kg-dry	1	7/2/2007 2:30:20 PM
Copper	12.4	0.381		mg/Kg-dry	1	7/2/2007 2:30:20 PM
Iron	3590	0.381		mg/Kg-dry	1	7/2/2007 2:30:20 PM
Lead	69.3	0.286		mg/Kg-dry	1	7/2/2007 2:30:20 PM
Magnesium	17400	3.81		mg/Kg-dry	10	7/2/2007 2:39:17 PM
Manganese	135	0.381		mg/Kg-dry	1	7/2/2007 2:30:20 PM
Nickel	8.03	0.381		mg/Kg-dry	1	7/2/2007 2:30:20 PM
Potassium	1020	1.91		mg/Kg-dry	1	7/2/2007 2:30:20 PM
Selenium	U	0.477		mg/Kg-dry	1	7/2/2007 2:30:20 PM
Silver	U	0.381		mg/Kg-dry	1	7/2/2007 2:30:20 PM
Sodium	345	1.14		mg/Kg-dry	1	7/2/2007 2:30:20 PM
Thallium	0.663	0.381		mg/Kg-dry	1	7/2/2007 2:30:20 PM
Vanadium	12.9	0.381		mg/Kg-dry	1	7/2/2007 2:30:20 PM
Zinc	33.9	0.381		mg/Kg-dry	1	7/2/2007 2:30:20 PM
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
1,2,4-Trichlorobenzene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
1,2-Dichlorobenzene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
1,3-Dichlorobenzene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
1,4-Dichlorobenzene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
2,4,5-Trichlorophenol	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
2,4,6-Trichlorophenol	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
2,4-Dichlorophenol	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
2,4-Dimethylphenol	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
2,4-Dinitrophenol	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
2,4-Dinitrotoluene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
2,6-Dinitrotoluene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
2-Chloronaphthalene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
2-Chlorophenol	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-3 {0-2'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 9:50:00 AM
Lab ID:	0706226-05A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
2-Methylnaphthalene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
2-Methylphenol	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
2-Nitroaniline	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
2-Nitrophenol	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
3,3'-Dichlorobenzidine	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
3+4-Methylphenol	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
3-Nitroaniline	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
4,6-Dinitro-2-methylphenol	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
4-Bromophenyl phenyl ether	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
4-Chloro-3-methylphenol	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
4-Chloroaniline	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
4-Chlorophenyl phenyl ether	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
4-Nitroaniline	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
4-Nitrophenol	U	160		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Acenaphthene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Acenaphthylene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Aniline	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Anthracene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Azobenzene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Benzidine	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Benzo(a)anthracene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Benzo(a)pyrene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Benzo(b)fluoranthene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Benzo(g,h,i)perylene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Benzo(k)fluoranthene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Benzoic acid	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Benzyl alcohol	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Bis(2-chloroethoxy)methane	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Bis(2-chloroethyl)ether	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Bis(2-chloroisopropyl)ether	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Bis(2-ethylhexyl)phthalate	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Butyl benzyl phthalate	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Carbazole	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Chrysene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Dibenzo(a,h)anthracene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Dibenzofuran	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Diethyl phthalate	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Dimethyl phthalate	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Di-n-butyl phthalate	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-3 {0-2'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 9:50:00 AM
Lab ID:	0706226-05A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
Di-n-octyl phthalate	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Fluoranthene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Fluorene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Hexachlorobenzene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Hexachlorobutadiene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Hexachlorocyclopentadiene	U	160		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Hexachloroethane	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Indeno(1,2,3-c,d)pyrene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Isophorone	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Naphthalene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Nitrobenzene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
N-Nitrosodimethylamine	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
N-Nitrosodi-n-propylamine	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
N-Nitrosodiphenylamine	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Pentachlorophenol	U	160		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Phenanthrene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Phenol	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Pyrene	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Pyridine	U	130		µg/Kg-dry	1	6/26/2007 7:42:00 PM
Surr: 2,4,6-Tribromophenol	67.6	22-124		%REC	1	6/26/2007 7:42:00 PM
Surr: 2-Fluorobiphenyl	84.1	27-119		%REC	1	6/26/2007 7:42:00 PM
Surr: 2-Fluorophenol	88.6	21-123		%REC	1	6/26/2007 7:42:00 PM
Surr: 4-Terphenyl-d14	92.8	28-126		%REC	1	6/26/2007 7:42:00 PM
Surr: Nitrobenzene-d5	75.8	21-118		%REC	1	6/26/2007 7:42:00 PM
Surr: Phenol-d6	89.7	18-129		%REC	1	6/26/2007 7:42:00 PM
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,1,1,2-Tetrachloroethane	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
1,1,1-Trichloroethane	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
1,1,2,2-Tetrachloroethane	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
1,1,2-Trichloroethane	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
1,1-Dichloroethane	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
1,1-Dichloroethene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
1,1-Dichloropropene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
1,2,3-Trichlorobenzene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
1,2,3-Trichloropropane	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
1,2,4,5-Tetramethylbenzene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
1,2,4-Trichlorobenzene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
1,2,4-Trimethylbenzene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-3 {0-2'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 9:50:00 AM
Lab ID:	0706226-05A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,2-Dibromo-3-chloropropane	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
1,2-Dibromoethane	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
1,2-Dichlorobenzene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
1,2-Dichloroethane	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
1,2-Dichloropropane	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
1,3,5-Trimethylbenzene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
1,3-Dichlorobenzene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
1,3-dichloropropane	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
1,4-Dichlorobenzene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
2,2-Dichloropropane	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
2-Butanone	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
2-Chloroethyl vinyl ether	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
2-Chlorotoluene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
2-Hexanone	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
2-Propanol	U	67		µg/Kg-dry	1	6/26/2007 11:31:00 AM
4-Chlorotoluene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
4-Isopropyltoluene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
4-Methyl-2-pentanone	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Acetone	78	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Acrolein	U	33		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Acrylonitrile	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Benzene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Bromobenzene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Bromochloromethane	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Bromodichloromethane	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Bromoform	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Bromomethane	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Carbon disulfide	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Carbon tetrachloride	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Chlorobenzene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Chlorodifluoromethane	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Chloroethane	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Chloroform	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Chloromethane	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
cis-1,2-Dichloroethene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
cis-1,3-Dichloropropene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Dibromochloromethane	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Dibromomethane	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Dichlorodifluoromethane	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-3 {0-2'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 9:50:00 AM
Lab ID:	0706226-05A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
Diisopropyl ether	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Ethanol	U	33		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Ethyl acetate	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Ethylbenzene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Freon-114	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Hexachlorobutadiene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Isopropyl acetate	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Isopropylbenzene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
m,p-Xylene	U	13		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Methyl tert-butyl ether	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Methylene chloride	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
n-Amyl acetate	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Naphthalene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
n-Butyl acetate	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
n-Butylbenzene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
n-Propyl acetate	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
n-Propylbenzene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
o-Xylene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
p-Diethylbenzene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
p-Ethyltoluene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
sec-Butylbenzene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Styrene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
t-Butyl alcohol	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
tert-Butylbenzene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Tetrachloroethene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Toluene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
trans-1,2-Dichloroethene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
trans-1,3-Dichloropropene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Trichloroethene	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Trichlorofluoromethane	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Vinyl acetate	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Vinyl chloride	U	6.7		µg/Kg-dry	1	6/26/2007 11:31:00 AM
Surr: 4-Bromofluorobenzene	86.9	61-133		%REC	1	6/26/2007 11:31:00 AM
Surr: Dibromofluoromethane	109	61-139		%REC	1	6/26/2007 11:31:00 AM
Surr: Toluene-d8	87.3	57-131		%REC	1	6/26/2007 11:31:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-3 {12'-15'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 10:15:00 AM
Lab ID:	0706226-06A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY		**SW7471B**		**SW7471B**		Analyst: **JP**
Mercury	0.00494	0.00988	J	mg/Kg-dry	1	6/29/2007 1:03:34 PM
PCB'S AS AROCLORS SW-846 METHOD 8082		**SW8082A**		**SW3550**		Analyst: **KF**
Aroclor 1016	U	85		µg/Kg-dry	1	6/29/2007 10:35:00 AM
Aroclor 1221	U	85		µg/Kg-dry	1	6/29/2007 10:35:00 AM
Aroclor 1232	U	85		µg/Kg-dry	1	6/29/2007 10:35:00 AM
Aroclor 1242	U	85		µg/Kg-dry	1	6/29/2007 10:35:00 AM
Aroclor 1248	U	85		µg/Kg-dry	1	6/29/2007 10:35:00 AM
Aroclor 1254	U	85		µg/Kg-dry	1	6/29/2007 10:35:00 AM
Aroclor 1260	U	85		µg/Kg-dry	1	6/29/2007 10:35:00 AM
Surr: TCX	103	26-136		%REC	1	6/29/2007 10:35:00 AM
Surr: DCB	116	20-133		%REC	1	6/29/2007 10:35:00 AM
PESTICIDES SW-846 METHOD 8081		**SW8081B**		**SW3550**		Analyst: **MMR**
4,4'-DDD	U	5.3		µg/Kg-dry	1	6/30/2007 12:37:00 AM
4,4'-DDE	0.28	5.3	J	µg/Kg-dry	1	6/30/2007 12:37:00 AM
4,4'-DDT	U	5.3		µg/Kg-dry	1	6/30/2007 12:37:00 AM
Aldrin	U	5.3		µg/Kg-dry	1	6/30/2007 12:37:00 AM
alpha-BHC	U	5.3		µg/Kg-dry	1	6/30/2007 12:37:00 AM
beta-BHC	U	5.3		µg/Kg-dry	1	6/30/2007 12:37:00 AM
Chlordane	U	16		µg/Kg-dry	1	6/30/2007 12:37:00 AM
Chlorobenzilate	U	5.3		µg/Kg-dry	1	6/30/2007 12:37:00 AM
DBCP	U	5.3		µg/Kg-dry	1	6/30/2007 12:37:00 AM
delta-BHC	U	5.3		µg/Kg-dry	1	6/30/2007 12:37:00 AM
Dieldrin	U	5.3		µg/Kg-dry	1	6/30/2007 12:37:00 AM
Endosulfan I	U	5.3		µg/Kg-dry	1	6/30/2007 12:37:00 AM
Endosulfan II	U	5.3		µg/Kg-dry	1	6/30/2007 12:37:00 AM
Endosulfan sulfate	U	5.3		µg/Kg-dry	1	6/30/2007 12:37:00 AM
Endrin	U	5.3		µg/Kg-dry	1	6/30/2007 12:37:00 AM
Endrin aldehyde	U	5.3		µg/Kg-dry	1	6/30/2007 12:37:00 AM
Endrin ketone	U	5.3		µg/Kg-dry	1	6/30/2007 12:37:00 AM
gamma-BHC	U	5.3		µg/Kg-dry	1	6/30/2007 12:37:00 AM
Heptachlor	U	5.3		µg/Kg-dry	1	6/30/2007 12:37:00 AM
Heptachlor epoxide	U	5.3		µg/Kg-dry	1	6/30/2007 12:37:00 AM
Hexachlorobenzene	U	5.3		µg/Kg-dry	1	6/30/2007 12:37:00 AM
Hexachlorocyclopentadiene	U	5.3		µg/Kg-dry	1	6/30/2007 12:37:00 AM
Methoxychlor	U	5.3		µg/Kg-dry	1	6/30/2007 12:37:00 AM
Toxaphene	U	51		µg/Kg-dry	1	6/30/2007 12:37:00 AM
Surr: DCB	87.9	31-133		%REC	1	6/30/2007 12:37:00 AM
Surr: TCX	85.2	32-132		%REC	1	6/30/2007 12:37:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-3 {12'-15'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 10:15:00 AM
Lab ID:	0706226-06A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE		**D2216**				Analyst: **CM**
Percent Moisture	8.82	0		wt%	1	6/25/2007
TARGET ANALYTE LIST METALS		**SW6010B**		**SW3050A**		Analyst: **JP**
Aluminum	4840	0.368		mg/Kg-dry	1	7/2/2007 2:32:32 PM
Antimony	U	0.460		mg/Kg-dry	1	7/2/2007 2:32:32 PM
Arsenic	0.700	0.460		mg/Kg-dry	1	7/2/2007 2:32:32 PM
Barium	34.0	0.368		mg/Kg-dry	1	7/2/2007 2:32:32 PM
Beryllium	U	0.368		mg/Kg-dry	1	7/2/2007 2:32:32 PM
Cadmium	U	0.184		mg/Kg-dry	1	7/2/2007 2:32:32 PM
Calcium	389	0.460		mg/Kg-dry	1	7/2/2007 2:32:32 PM
Chromium	15.5	0.368		mg/Kg-dry	1	7/2/2007 2:32:32 PM
Cobalt	U	0.368		mg/Kg-dry	1	7/2/2007 2:32:32 PM
Copper	15.9	0.368		mg/Kg-dry	1	7/2/2007 2:32:32 PM
Iron	10000	3.68		mg/Kg-dry	10	7/2/2007 2:41:29 PM
Lead	3.00	0.276		mg/Kg-dry	1	7/2/2007 2:32:32 PM
Magnesium	1280	0.368		mg/Kg-dry	1	7/2/2007 2:32:32 PM
Manganese	121	0.368		mg/Kg-dry	1	7/2/2007 2:32:32 PM
Nickel	16.1	0.368		mg/Kg-dry	1	7/2/2007 2:32:32 PM
Potassium	1460	1.84		mg/Kg-dry	1	7/2/2007 2:32:32 PM
Selenium	U	0.460		mg/Kg-dry	1	7/2/2007 2:32:32 PM
Silver	U	0.368		mg/Kg-dry	1	7/2/2007 2:32:32 PM
Sodium	211	1.10		mg/Kg-dry	1	7/2/2007 2:32:32 PM
Thallium	U	0.368		mg/Kg-dry	1	7/2/2007 2:32:32 PM
Vanadium	18.5	0.368		mg/Kg-dry	1	7/2/2007 2:32:32 PM
Zinc	18.3	0.368		mg/Kg-dry	1	7/2/2007 2:32:32 PM
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
1,2,4-Trichlorobenzene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
1,2-Dichlorobenzene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
1,3-Dichlorobenzene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
1,4-Dichlorobenzene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
2,4,5-Trichlorophenol	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
2,4,6-Trichlorophenol	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
2,4-Dichlorophenol	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
2,4-Dimethylphenol	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
2,4-Dinitrophenol	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
2,4-Dinitrotoluene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
2,6-Dinitrotoluene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
2-Chloronaphthalene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
2-Chlorophenol	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-3 {12'-15'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 10:15:00 AM
Lab ID:	0706226-06A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
2-Methylnaphthalene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
2-Methylphenol	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
2-Nitroaniline	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
2-Nitrophenol	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
3,3'-Dichlorobenzidine	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
3+4-Methylphenol	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
3-Nitroaniline	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
4,6-Dinitro-2-methylphenol	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
4-Bromophenyl phenyl ether	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
4-Chloro-3-methylphenol	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
4-Chloroaniline	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
4-Chlorophenyl phenyl ether	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
4-Nitroaniline	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
4-Nitrophenol	U	160		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Acenaphthene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Acenaphthylene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Aniline	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Anthracene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Azobenzene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Benzidine	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Benzo(a)anthracene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Benzo(a)pyrene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Benzo(b)fluoranthene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Benzo(g,h,i)perylene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Benzo(k)fluoranthene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Benzoic acid	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Benzyl alcohol	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Bis(2-chloroethoxy)methane	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Bis(2-chloroethyl)ether	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Bis(2-chloroisopropyl)ether	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Bis(2-ethylhexyl)phthalate	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Butyl benzyl phthalate	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Carbazole	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Chrysene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Dibenzo(a,h)anthracene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Dibenzofuran	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Diethyl phthalate	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Dimethyl phthalate	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Di-n-butyl phthalate	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-3 {12'-15'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 10:15:00 AM
Lab ID:	0706226-06A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
Di-n-octyl phthalate	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Fluoranthene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Fluorene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Hexachlorobenzene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Hexachlorobutadiene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Hexachlorocyclopentadiene	U	160		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Hexachloroethane	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Indeno(1,2,3-c,d)pyrene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Isophorone	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Naphthalene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Nitrobenzene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
N-Nitrosodimethylamine	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
N-Nitrosodi-n-propylamine	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
N-Nitrosodiphenylamine	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Pentachlorophenol	U	160		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Phenanthrene	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Phenol	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Pyrene	96	130	J	µg/Kg-dry	1	6/26/2007 8:08:00 PM
Pyridine	U	130		µg/Kg-dry	1	6/26/2007 8:08:00 PM
Surr: 2,4,6-Tribromophenol	79.0	22-124		%REC	1	6/26/2007 8:08:00 PM
Surr: 2-Fluorobiphenyl	84.2	27-119		%REC	1	6/26/2007 8:08:00 PM
Surr: 2-Fluorophenol	89.4	21-123		%REC	1	6/26/2007 8:08:00 PM
Surr: 4-Terphenyl-d14	92.9	28-126		%REC	1	6/26/2007 8:08:00 PM
Surr: Nitrobenzene-d5	81.1	21-118		%REC	1	6/26/2007 8:08:00 PM
Surr: Phenol-d6	91.9	18-129		%REC	1	6/26/2007 8:08:00 PM
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,1,1,2-Tetrachloroethane	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
1,1,1-Trichloroethane	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
1,1,2,2-Tetrachloroethane	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
1,1,2-Trichloroethane	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
1,1-Dichloroethane	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
1,1-Dichloroethene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
1,1-Dichloropropene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
1,2,3-Trichlorobenzene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
1,2,3-Trichloropropane	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
1,2,4,5-Tetramethylbenzene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
1,2,4-Trichlorobenzene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
1,2,4-Trimethylbenzene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-3 {12'-15'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 10:15:00 AM
Lab ID:	0706226-06A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,2-Dibromo-3-chloropropane	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
1,2-Dibromoethane	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
1,2-Dichlorobenzene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
1,2-Dichloroethane	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
1,2-Dichloropropane	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
1,3,5-Trimethylbenzene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
1,3-Dichlorobenzene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
1,3-dichloropropane	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
1,4-Dichlorobenzene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
2,2-Dichloropropane	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
2-Butanone	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
2-Chloroethyl vinyl ether	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
2-Chlorotoluene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
2-Hexanone	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
2-Propanol	U	54		µg/Kg-dry	1	6/26/2007 11:56:00 AM
4-Chlorotoluene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
4-Isopropyltoluene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
4-Methyl-2-pentanone	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Acetone	80	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Acrolein	U	27		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Acrylonitrile	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Benzene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Bromobenzene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Bromochloromethane	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Bromodichloromethane	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Bromoform	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Bromomethane	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Carbon disulfide	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Carbon tetrachloride	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Chlorobenzene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Chlorodifluoromethane	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Chloroethane	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Chloroform	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Chloromethane	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
cis-1,2-Dichloroethene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
cis-1,3-Dichloropropene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Dibromochloromethane	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Dibromomethane	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Dichlorodifluoromethane	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-3 {12'-15'}
Lab Order:	0706226	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/21/2007 10:15:00 AM
Lab ID:	0706226-06A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
Diisopropyl ether	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Ethanol	U	27		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Ethyl acetate	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Ethylbenzene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Freon-114	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Hexachlorobutadiene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Isopropyl acetate	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Isopropylbenzene	3.5	5.4	J	µg/Kg-dry	1	6/26/2007 11:56:00 AM
m,p-Xylene	1.3	11	J	µg/Kg-dry	1	6/26/2007 11:56:00 AM
Methyl tert-butyl ether	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Methylene chloride	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
n-Amyl acetate	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Naphthalene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
n-Butyl acetate	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
n-Butylbenzene	21	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
n-Propyl acetate	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
n-Propylbenzene	7.8	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
o-Xylene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
p-Diethylbenzene	15	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
p-Ethyltoluene	4.0	5.4	J	µg/Kg-dry	1	6/26/2007 11:56:00 AM
sec-Butylbenzene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Styrene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
t-Butyl alcohol	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
tert-Butylbenzene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Tetrachloroethene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Toluene	1.0	5.4	J	µg/Kg-dry	1	6/26/2007 11:56:00 AM
trans-1,2-Dichloroethene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
trans-1,3-Dichloropropene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Trichloroethene	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Trichlorofluoromethane	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Vinyl acetate	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Vinyl chloride	U	5.4		µg/Kg-dry	1	6/26/2007 11:56:00 AM
Surr: 4-Bromofluorobenzene	144	61-133	S	%REC	1	6/26/2007 11:56:00 AM
Surr: Dibromofluoromethane	108	61-139		%REC	1	6/26/2007 11:56:00 AM
Surr: Toluene-d8	91.8	57-131		%REC	1	6/26/2007 11:56:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

AMERICAN ANALYTICAL LABORATORIES

NYSDOH 11418
NJDEP NY050
CTDOH PH-0205
PADEP 68-00573

Friday, July 06, 2007

Jim DeMartinis
J.R. Holzmacher P.E. LLC
300 Wheeler Road
Suite 303
Hauppauge, NY 11788

TEL: (631) 234-2220
FAX (631) 234-2221

RE: 211-08 Northern Boulevard, Bayside

Order No.: 0706228

Dear Jim DeMartinis:

American Analytical Laboratories, LLC. received 6 sample(s) on 6/22/2007 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 limits 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.

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
Lab Director

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735
(631) 454-6100 • FAX: (631) 454-8027

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT: J.R. Holzmacher P.E. LLC
Project: 211-08 Northern Boulevard, Bayside
Lab Order: 0706228

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Date Collected	Date Received
0706228-01A	W-3		6/22/2007 1:00:00 PM	6/22/2007
0706228-01B	W-3		6/22/2007 1:00:00 PM	6/22/2007
0706228-02A	B-1 {0-2'}		6/22/2007 10:00:00 AM	6/22/2007
0706228-03A	B-1 {20-25'}		6/22/2007 10:55:00 AM	6/22/2007
0706228-04A	B-4 {0-2'}		6/22/2007 11:15:00 AM	6/22/2007
0706228-05A	B-4 {20-25'}		6/22/2007 11:40:00 AM	6/22/2007
0706228-06A	W-3 {0-2'}		6/22/2007	6/22/2007

AMERICAN ANALYTICAL LABORATORIES

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735
(631) 454-6100 • FAX (631) 454-8027

TAG # / COC _____

NYSDOH	11418
CTDOH	PH-0205
NJDEP	NY050
PADEP	68-573

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS
J.R. Holzmacher P.E. LLC
300 Wheeler Rd, Suite 303
Hauppauge, NY

CONTACT: Jim DeMartinis

SAMPLER (SIGNATURE): Eric Geisbusch

SAMPLER NAME (PRINT): Eric Geisbusch

SAMPLE(S) SEALED: YES / NO

CORRECT CONTAINER(S): (YES) / NO

PROJECT LOCATION: 211-08 Northern Boulevard, Bayside

ANALYSIS REQUIRED

LABORATORY ID #	MATRIX	# CONTAINERS	SAMPLING DATE/ TIME	SAMPLE # - LOCATION	EPA 8260	EPA 8270	Pesticides 8081	PCBs 8082	Filtered TAL Metals	Unfiltered TAL Metals	TAL Metals								FOR METHANOL PRESERVED SAMPLES [VOLATILE VIAL #]
G706227-01AB	L	6	06/22/07 1pm	W-3	X	X	X	X	X	X									
-02A	S	2	06/22/07 10AM	B-1 (0'-2')	X	X	X	X			X								
-03A	S	2	06/22/07 10:55	B-1 (20'-25')	X	X	X	X			X								
-04A	S	2	06/22/07 11:15	B-4 (0'-2')	X	X	X	X			X								
-05A	S	2	06/22/07 11:40	B-4 (20'-25')	X	X	X	X			X								
-06A	S		06/22/07	W-3 (0'-2')	X	X	X	X			X								
				06/22/07															

COOLER TEMPERATURE:

MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL
TYPE G=GRAB; C=COMPOSITE, SS=SPLIT SPOON

TURNAROUND REQUIRED: NORMAL ☐ STAT ☐ BY / /

COMMENTS / INSTRUCTIONS

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
Eric Geisbusch	06/22/07 2:21	Eric Geisbusch	Craig Ma	6/22/07 1421	C. Mar.
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC
56 TOLEDO STREET
FARMINGDALE, NEW YORK 11735
TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is 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. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	Indicates an estimated value. The 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 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
B	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes 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 higher of the two values is reported on Form I 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.
H	Indicates sample was received and/or analyzed outside of The method allowable holding time

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-3
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 1:00:00 PM
Lab ID:	0706228-01A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY		**SW7470A**				Analyst: **JP**
Mercury	U	0.000200		mg/L	1	6/28/2007 2:14:56 PM
PCB'S AS AROCLORS SW-846 METHOD 8082		**SW8082A**		**SW3510B**		Analyst: **KF**
Aroclor 1016	U	1.2		µg/L	1	6/29/2007 1:38:00 PM
Aroclor 1221	U	1.2		µg/L	1	6/29/2007 1:38:00 PM
Aroclor 1232	U	1.2		µg/L	1	6/29/2007 1:38:00 PM
Aroclor 1242	U	1.2		µg/L	1	6/29/2007 1:38:00 PM
Aroclor 1248	U	1.2		µg/L	1	6/29/2007 1:38:00 PM
Aroclor 1254	U	1.2		µg/L	1	6/29/2007 1:38:00 PM
Aroclor 1260	U	1.2		µg/L	1	6/29/2007 1:38:00 PM
Surr: DCB	37.8	11-125		%REC	1	6/29/2007 1:38:00 PM
Surr: TCX	76.6	16-126		%REC	1	6/29/2007 1:38:00 PM
PESTICIDES SW-846 METHOD 8081		**SW8081B**		**SW3510B**		Analyst: **MMR**
4,4'-DDD	U	0.22		µg/L	1	6/29/2007 9:11:00 PM
4,4'-DDE	U	0.22		µg/L	1	6/29/2007 9:11:00 PM
4,4'-DDT	U	0.22		µg/L	1	6/29/2007 9:11:00 PM
Aldrin	U	0.22		µg/L	1	6/29/2007 9:11:00 PM
alpha-BHC	U	0.22		µg/L	1	6/29/2007 9:11:00 PM
beta-BHC	U	0.22		µg/L	1	6/29/2007 9:11:00 PM
Chlordane	U	1.1		µg/L	1	6/29/2007 9:11:00 PM
Chlorobenzilate	U	0.22		µg/L	1	6/29/2007 9:11:00 PM
DBCP	U	0.22		µg/L	1	6/29/2007 9:11:00 PM
delta-BHC	U	0.22		µg/L	1	6/29/2007 9:11:00 PM
Dieldrin	U	0.22		µg/L	1	6/29/2007 9:11:00 PM
Endosulfan I	U	0.22		µg/L	1	6/29/2007 9:11:00 PM
Endosulfan II	U	0.22		µg/L	1	6/29/2007 9:11:00 PM
Endosulfan sulfate	U	0.22		µg/L	1	6/29/2007 9:11:00 PM
Endrin	U	0.22		µg/L	1	6/29/2007 9:11:00 PM
Endrin aldehyde	U	0.22		µg/L	1	6/29/2007 9:11:00 PM
Endrin ketone	U	0.22		µg/L	1	6/29/2007 9:11:00 PM
gamma-BHC	U	0.22		µg/L	1	6/29/2007 9:11:00 PM
Heptachlor	U	0.22		µg/L	1	6/29/2007 9:11:00 PM
Heptachlor epoxide	U	0.22		µg/L	1	6/29/2007 9:11:00 PM
Hexachlorobenzene	U	0.22		µg/L	1	6/29/2007 9:11:00 PM
Hexachlorocyclopentadiene	U	0.22		µg/L	1	6/29/2007 9:11:00 PM
Methoxychlor	U	0.22		µg/L	1	6/29/2007 9:11:00 PM
Toxaphene	U	1.1		µg/L	1	6/29/2007 9:11:00 PM
Surr: DCB	21.6	26-130	S	%REC	1	6/29/2007 9:11:00 PM
Surr: TCX	76.1	29-127		%REC	1	6/29/2007 9:11:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-3
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 1:00:00 PM
Lab ID:	0706228-01A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TARGET ANALYTE LIST METALS		**SW6010B**		**SW3010A**		Analyst: **JP**
Aluminum	28.7	0.0200		mg/L	1	7/2/2007 1:46:30 PM
Antimony	U	0.0250		mg/L	1	7/2/2007 1:46:30 PM
Arsenic	U	0.0250		mg/L	1	7/2/2007 1:46:30 PM
Barium	0.621	0.0200		mg/L	1	7/2/2007 1:46:30 PM
Beryllium	U	0.0200		mg/L	1	7/2/2007 1:46:30 PM
Cadmium	U	0.0100		mg/L	1	7/2/2007 1:46:30 PM
Calcium	37.0	0.0250		mg/L	1	7/2/2007 1:46:30 PM
Chromium	0.227	0.0200		mg/L	1	7/2/2007 1:46:30 PM
Cobalt	U	0.0200		mg/L	1	7/2/2007 1:46:30 PM
Copper	0.0896	0.0200		mg/L	1	7/2/2007 1:46:30 PM
Iron	51.3	0.0200		mg/L	1	7/2/2007 1:46:30 PM
Lead	0.0277	0.0150		mg/L	1	7/2/2007 1:46:30 PM
Magnesium	18.3	0.0200		mg/L	1	7/2/2007 1:46:30 PM
Manganese	3.27	0.0200		mg/L	1	7/2/2007 1:46:30 PM
Nickel	0.105	0.0200		mg/L	1	7/2/2007 1:46:30 PM
Potassium	9.45	0.100		mg/L	1	7/2/2007 1:46:30 PM
Selenium	U	0.0250		mg/L	1	7/2/2007 1:46:30 PM
Silver	U	0.0200		mg/L	1	7/2/2007 1:46:30 PM
Sodium	92.4	0.0300		mg/L	1	7/2/2007 1:46:30 PM
Thallium	U	0.0150		mg/L	1	7/2/2007 1:46:30 PM
Vanadium	0.0645	0.0200		mg/L	1	7/2/2007 1:46:30 PM
Zinc	0.548	0.0200		mg/L	1	7/2/2007 1:46:30 PM
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3510**		Analyst: **RN**
1,2,4-Trichlorobenzene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
1,2-Dichlorobenzene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
1,3-Dichlorobenzene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
1,4-Dichlorobenzene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
2,4,5-Trichlorophenol	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
2,4,6-Trichlorophenol	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
2,4-Dichlorophenol	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
2,4-Dimethylphenol	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
2,4-Dinitrophenol	U	11		µg/L	1	6/28/2007 1:00:00 PM
2,4-Dinitrotoluene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
2,6-Dinitrotoluene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
2-Chloronaphthalene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
2-Chlorophenol	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
2-Methylnaphthalene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
2-Methylphenol	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
2-Nitroaniline	U	5.4		µg/L	1	6/28/2007 1:00:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-3
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 1:00:00 PM
Lab ID:	0706228-01A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3510**		Analyst: **RN**
2-Nitrophenol	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
3,3'-Dichlorobenzidine	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
3+4-Methylphenol	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
3-Nitroaniline	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
4,6-Dinitro-2-methylphenol	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
4-Bromophenyl phenyl ether	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
4-Chloro-3-methylphenol	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
4-Chloroaniline	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
4-Chlorophenyl phenyl ether	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
4-Nitroaniline	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
4-Nitrophenol	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Acenaphthene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Acenaphthylene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Aniline	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Anthracene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Azobenzene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Benzidine	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Benzo(a)anthracene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Benzo(a)pyrene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Benzo(b)fluoranthene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Benzo(g,h,i)perylene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Benzo(k)fluoranthene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Benzoic acid	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Benzyl alcohol	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Bis(2-chloroethoxy)methane	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Bis(2-chloroethyl)ether	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Bis(2-chloroisopropyl)ether	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Bis(2-ethylhexyl)phthalate	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Butyl benzyl phthalate	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Carbazole	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Chrysene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Dibenzo(a,h)anthracene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Dibenzofuran	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Diethyl phthalate	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Dimethyl phthalate	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Di-n-butyl phthalate	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Di-n-octyl phthalate	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Fluoranthene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Fluorene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-3
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 1:00:00 PM
Lab ID:	0706228-01A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3510**		Analyst: **RN**
Hexachlorobenzene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Hexachlorobutadiene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Hexachlorocyclopentadiene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Hexachloroethane	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Indeno(1,2,3-c,d)pyrene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Isophorone	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Naphthalene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Nitrobenzene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
N-Nitrosodimethylamine	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
N-Nitrosodi-n-propylamine	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
N-Nitrosodiphenylamine	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Pentachlorophenol	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Phenanthrene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Phenol	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Pyrene	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Pyridine	U	5.4		µg/L	1	6/28/2007 1:00:00 PM
Surr: 2,4,6-Tribromophenol	86.9	22-124		%REC	1	6/28/2007 1:00:00 PM
Surr: 2-Fluorobiphenyl	76.8	18-124		%REC	1	6/28/2007 1:00:00 PM
Surr: 2-Fluorophenol	68.9	16-112		%REC	1	6/28/2007 1:00:00 PM
Surr: 4-Terphenyl-d14	95.1	17-121		%REC	1	6/28/2007 1:00:00 PM
Surr: Nitrobenzene-d5	81.5	19-115		%REC	1	6/28/2007 1:00:00 PM
Surr: Phenol-d6	53.1	12-102		%REC	1	6/28/2007 1:00:00 PM
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
1,1,1-Trichloroethane	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
1,1,2-Trichloroethane	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
1,1-Dichloroethane	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
1,1-Dichloroethene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
1,1-Dichloropropene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
1,2,3-Trichloropropane	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
1,2,4,5-Tetramethylbenzene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
1,2-Dibromoethane	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
1,2-Dichlorobenzene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-3
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 1:00:00 PM
Lab ID:	0706228-01A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,2-Dichloroethane	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
1,2-Dichloropropane	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
1,3-Dichlorobenzene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
1,3-dichloropropane	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
1,4-Dichlorobenzene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
2,2-Dichloropropane	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
2-Butanone	U	3.0		µg/L	1	6/26/2007 12:21:00 PM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
2-Chlorotoluene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
2-Hexanone	U	2.0		µg/L	1	6/26/2007 12:21:00 PM
2-Propanol	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
4-Chlorotoluene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
4-Isopropyltoluene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
4-Methyl-2-pentanone	U	2.0		µg/L	1	6/26/2007 12:21:00 PM
Acetone	U	2.0		µg/L	1	6/26/2007 12:21:00 PM
Acrolein	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Acrylonitrile	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Benzene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Bromobenzene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Bromochloromethane	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Bromodichloromethane	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Bromoform	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Bromomethane	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Carbon disulfide	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Carbon tetrachloride	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Chlorobenzene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Chlorodifluoromethane	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Chloroethane	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Chloroform	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Chloromethane	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
cis-1,2-Dichloroethene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Dibromochloromethane	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Dibromomethane	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Dichlorodifluoromethane	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Diisopropyl ether	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Ethanol	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Ethyl acetate	U	1.0		µg/L	1	6/26/2007 12:21:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-3
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 1:00:00 PM
Lab ID:	0706228-01A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
Ethylbenzene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Freon-114	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Hexachlorobutadiene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Isopropyl acetate	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Isopropylbenzene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
m,p-Xylene	U	2.0		µg/L	1	6/26/2007 12:21:00 PM
Methyl tert-butyl ether	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Methylene chloride	22	1.0	B	µg/L	1	6/26/2007 12:21:00 PM
n-Amyl acetate	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Naphthalene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
n-Butyl acetate	U	2.0		µg/L	1	6/26/2007 12:21:00 PM
n-Butylbenzene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
n-Propyl acetate	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
n-Propylbenzene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
o-Xylene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
p-Diethylbenzene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
p-Ethyltoluene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
sec-Butylbenzene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Styrene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
t-Butyl alcohol	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
tert-Butylbenzene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Tetrachloroethene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Toluene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
trans-1,2-Dichloroethene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Trichloroethene	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Trichlorofluoromethane	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Vinyl acetate	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Vinyl chloride	U	1.0		µg/L	1	6/26/2007 12:21:00 PM
Surr: 4-Bromofluorobenzene	88.4	54-134		%REC	1	6/26/2007 12:21:00 PM
Surr: Dibromofluoromethane	103	52-132		%REC	1	6/26/2007 12:21:00 PM
Surr: Toluene-d8	91.6	51-127		%REC	1	6/26/2007 12:21:00 PM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-3
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 1:00:00 PM
Lab ID:	0706228-01B	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY-DISSOLVED		**SW7470A**		**SW3005A**		Analyst: **JP**
Mercury	U	0.000200		mg/L	1	6/28/2007 2:08:30 PM
TARGET ANALYTE LIST METALS-DISSOLVED		**SW6010B**		**SW3005A**		Analyst: **JP**
Aluminum	0.0132	0.0200	J	mg/L	1	7/2/2007 1:40:10 PM
Antimony	U	0.0250		mg/L	1	7/2/2007 1:40:10 PM
Arsenic	U	0.0250		mg/L	1	7/2/2007 1:40:10 PM
Barium	0.254	0.0200		mg/L	1	7/2/2007 1:40:10 PM
Beryllium	U	0.0200		mg/L	1	7/2/2007 1:40:10 PM
Cadmium	U	0.0100		mg/L	1	7/2/2007 1:40:10 PM
Calcium	39.1	0.0250		mg/L	1	7/2/2007 1:40:10 PM
Chromium	U	0.0200		mg/L	1	7/2/2007 1:40:10 PM
Cobalt	U	0.0200		mg/L	1	7/2/2007 1:40:10 PM
Copper	U	0.0200		mg/L	1	7/2/2007 1:40:10 PM
Iron	0.0463	0.0200		mg/L	1	7/2/2007 1:40:10 PM
Lead	0.00860	0.0150	J	mg/L	1	7/2/2007 1:40:10 PM
Magnesium	16.3	0.0200		mg/L	1	7/2/2007 1:40:10 PM
Manganese	2.27	0.0200		mg/L	1	7/2/2007 1:40:10 PM
Nickel	0.0199	0.0200	J	mg/L	1	7/2/2007 1:40:10 PM
Potassium	4.42	0.100		mg/L	1	7/2/2007 1:40:10 PM
Selenium	U	0.0250		mg/L	1	7/2/2007 1:40:10 PM
Silver	U	0.0200		mg/L	1	7/2/2007 1:40:10 PM
Sodium	100	0.0300		mg/L	1	7/2/2007 1:40:10 PM
Thallium	U	0.0150		mg/L	1	7/2/2007 1:40:10 PM
Vanadium	U	0.0200		mg/L	1	7/2/2007 1:40:10 PM
Zinc	0.0795	0.0200		mg/L	1	7/2/2007 1:40:10 PM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-1 {0-2'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 10:00:00 AM
Lab ID:	0706228-02A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY		**SW7471B**		**SW7471B**		Analyst: **JP**
Mercury	0.0174	0.00992		mg/Kg-dry	1	7/3/2007 11:36:19 AM
PCB'S AS AROCLORS SW-846 METHOD 8082		**SW8082A**		**SW3550**		Analyst: **AR**
Aroclor 1016	U	86		µg/Kg-dry	1	6/29/2007 3:51:00 PM
Aroclor 1221	U	86		µg/Kg-dry	1	6/29/2007 3:51:00 PM
Aroclor 1232	U	86		µg/Kg-dry	1	6/29/2007 3:51:00 PM
Aroclor 1242	U	86		µg/Kg-dry	1	6/29/2007 3:51:00 PM
Aroclor 1248	U	86		µg/Kg-dry	1	6/29/2007 3:51:00 PM
Aroclor 1254	U	86		µg/Kg-dry	1	6/29/2007 3:51:00 PM
Aroclor 1260	U	86		µg/Kg-dry	1	6/29/2007 3:51:00 PM
Surr: TCX	63.1	26-136		%REC	1	6/29/2007 3:51:00 PM
Surr: DCB	64.5	20-133		%REC	1	6/29/2007 3:51:00 PM
PESTICIDES SW-846 METHOD 8081		**SW8081B**		**SW3550**		Analyst: **MMR**
4,4'-DDD	U	5.3		µg/Kg-dry	1	7/5/2007 1:01:00 PM
4,4'-DDE	0.62	5.3	J	µg/Kg-dry	1	7/5/2007 1:01:00 PM
4,4'-DDT	0.33	5.3	J	µg/Kg-dry	1	7/5/2007 1:01:00 PM
Aldrin	0.96	5.3	J	µg/Kg-dry	1	7/5/2007 1:01:00 PM
alpha-BHC	U	5.3		µg/Kg-dry	1	7/5/2007 1:01:00 PM
beta-BHC	U	5.3		µg/Kg-dry	1	7/5/2007 1:01:00 PM
Chlordane	45	16		µg/Kg-dry	1	7/5/2007 1:01:00 PM
Chlorobenzilate	U	5.3		µg/Kg-dry	1	7/5/2007 1:01:00 PM
DBCP	U	5.3		µg/Kg-dry	1	7/5/2007 1:01:00 PM
delta-BHC	U	5.3		µg/Kg-dry	1	7/5/2007 1:01:00 PM
Dieldrin	3.4	5.3	J	µg/Kg-dry	1	7/5/2007 1:01:00 PM
Endosulfan I	U	5.3		µg/Kg-dry	1	7/5/2007 1:01:00 PM
Endosulfan II	U	5.3		µg/Kg-dry	1	7/5/2007 1:01:00 PM
Endosulfan sulfate	U	5.3		µg/Kg-dry	1	7/5/2007 1:01:00 PM
Endrin	U	5.3		µg/Kg-dry	1	7/5/2007 1:01:00 PM
Endrin aldehyde	U	5.3		µg/Kg-dry	1	7/5/2007 1:01:00 PM
Endrin ketone	U	5.3		µg/Kg-dry	1	7/5/2007 1:01:00 PM
gamma-BHC	U	5.3		µg/Kg-dry	1	7/5/2007 1:01:00 PM
Heptachlor	1.1	5.3	J	µg/Kg-dry	1	7/5/2007 1:01:00 PM
Heptachlor epoxide	U	5.3		µg/Kg-dry	1	7/5/2007 1:01:00 PM
Hexachlorobenzene	U	5.3		µg/Kg-dry	1	7/5/2007 1:01:00 PM
Hexachlorocyclopentadiene	U	5.3		µg/Kg-dry	1	7/5/2007 1:01:00 PM
Methoxychlor	U	5.3		µg/Kg-dry	1	7/5/2007 1:01:00 PM
Toxaphene	U	52		µg/Kg-dry	1	7/5/2007 1:01:00 PM
Surr: DCB	17.7	31-133	S	%REC	1	7/5/2007 1:01:00 PM
Surr: TCX	69.6	32-132		%REC	1	7/5/2007 1:01:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-1 {0-2'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 10:00:00 AM
Lab ID:	0706228-02A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE		**D2216**				Analyst: **CM**
Percent Moisture	6.62	0		wt%	1	6/25/2007
TARGET ANALYTE LIST METALS		**SW6010B**		**SW3050A**		Analyst: **JP**
Aluminum	7350	3.68		mg/Kg-dry	10	7/3/2007 1:33:46 PM
Antimony	U	0.460		mg/Kg-dry	1	7/3/2007 11:15:35 AM
Arsenic	2.42	0.460		mg/Kg-dry	1	7/3/2007 11:15:35 AM
Barium	32.3	0.368		mg/Kg-dry	1	7/3/2007 11:15:35 AM
Beryllium	U	0.368		mg/Kg-dry	1	7/3/2007 11:15:35 AM
Cadmium	U	0.184		mg/Kg-dry	1	7/3/2007 11:15:35 AM
Calcium	5290	0.460		mg/Kg-dry	1	7/3/2007 11:15:35 AM
Chromium	13.3	0.368		mg/Kg-dry	1	7/3/2007 11:15:35 AM
Cobalt	U	0.368		mg/Kg-dry	1	7/3/2007 11:15:35 AM
Copper	13.5	0.368		mg/Kg-dry	1	7/3/2007 11:15:35 AM
Iron	10600	3.68		mg/Kg-dry	10	7/3/2007 1:33:46 PM
Lead	13.4	0.276		mg/Kg-dry	1	7/3/2007 11:15:35 AM
Magnesium	2340	0.368		mg/Kg-dry	1	7/3/2007 11:15:35 AM
Manganese	185	0.368		mg/Kg-dry	1	7/3/2007 11:15:35 AM
Nickel	11.8	0.368		mg/Kg-dry	1	7/3/2007 11:15:35 AM
Potassium	1270	1.84		mg/Kg-dry	1	7/3/2007 11:15:35 AM
Selenium	U	0.460		mg/Kg-dry	1	7/3/2007 11:15:35 AM
Silver	U	0.368		mg/Kg-dry	1	7/3/2007 11:15:35 AM
Sodium	231	1.10		mg/Kg-dry	1	7/3/2007 11:15:35 AM
Thallium	U	0.368		mg/Kg-dry	1	7/3/2007 11:15:35 AM
Vanadium	19.8	0.368		mg/Kg-dry	1	7/3/2007 11:15:35 AM
Zinc	25.8	0.368		mg/Kg-dry	1	7/3/2007 11:15:35 AM
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
1,2,4-Trichlorobenzene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
1,2-Dichlorobenzene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
1,3-Dichlorobenzene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
1,4-Dichlorobenzene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
2,4,5-Trichlorophenol	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
2,4,6-Trichlorophenol	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
2,4-Dichlorophenol	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
2,4-Dimethylphenol	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
2,4-Dinitrophenol	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
2,4-Dinitrotoluene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
2,6-Dinitrotoluene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
2-Chloronaphthalene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
2-Chlorophenol	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-1 {0-2'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 10:00:00 AM
Lab ID:	0706228-02A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
2-Methylnaphthalene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
2-Methylphenol	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
2-Nitroaniline	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
2-Nitrophenol	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
3,3'-Dichlorobenzidine	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
3+4-Methylphenol	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
3-Nitroaniline	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
4,6-Dinitro-2-methylphenol	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
4-Bromophenyl phenyl ether	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
4-Chloro-3-methylphenol	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
4-Chloroaniline	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
4-Chlorophenyl phenyl ether	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
4-Nitroaniline	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
4-Nitrophenol	U	320		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Acenaphthene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Acenaphthylene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Aniline	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Anthracene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Azobenzene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Benzidine	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Benzo(a)anthracene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Benzo(a)pyrene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Benzo(b)fluoranthene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Benzo(g,h,i)perylene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Benzo(k)fluoranthene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Benzoic acid	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Benzyl alcohol	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Bis(2-chloroethoxy)methane	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Bis(2-chloroethyl)ether	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Bis(2-chloroisopropyl)ether	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Bis(2-ethylhexyl)phthalate	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Butyl benzyl phthalate	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Carbazole	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Chrysene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Dibenzo(a,h)anthracene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Dibenzofuran	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Diethyl phthalate	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Dimethyl phthalate	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Di-n-butyl phthalate	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-1 {0-2'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 10:00:00 AM
Lab ID:	0706228-02A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
Di-n-octyl phthalate	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Fluoranthene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Fluorene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Hexachlorobenzene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Hexachlorobutadiene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Hexachlorocyclopentadiene	U	320		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Hexachloroethane	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Indeno(1,2,3-c,d)pyrene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Isophorone	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Naphthalene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Nitrobenzene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
N-Nitrosodimethylamine	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
N-Nitrosodi-n-propylamine	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
N-Nitrosodiphenylamine	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Pentachlorophenol	U	320		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Phenanthrene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Phenol	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Pyrene	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Pyridine	U	250		µg/Kg-dry	2	7/2/2007 3:14:00 PM
Surr: 2,4,6-Tribromophenol	61.5	22-124		%REC	2	7/2/2007 3:14:00 PM
Surr: 2-Fluorobiphenyl	71.6	27-119		%REC	2	7/2/2007 3:14:00 PM
Surr: 2-Fluorophenol	80.4	21-123		%REC	2	7/2/2007 3:14:00 PM
Surr: 4-Terphenyl-d14	76.1	28-126		%REC	2	7/2/2007 3:14:00 PM
Surr: Nitrobenzene-d5	68.7	21-118		%REC	2	7/2/2007 3:14:00 PM
Surr: Phenol-d6	82.7	18-129		%REC	2	7/2/2007 3:14:00 PM
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,1,1,2-Tetrachloroethane	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
1,1,1-Trichloroethane	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
1,1,2,2-Tetrachloroethane	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
1,1,2-Trichloroethane	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
1,1-Dichloroethane	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
1,1-Dichloroethene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
1,1-Dichloropropene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
1,2,3-Trichlorobenzene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
1,2,3-Trichloropropane	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
1,2,4,5-Tetramethylbenzene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
1,2,4-Trichlorobenzene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
1,2,4-Trimethylbenzene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-1 {0-2'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 10:00:00 AM
Lab ID:	0706228-02A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,2-Dibromo-3-chloropropane	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
1,2-Dibromoethane	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
1,2-Dichlorobenzene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
1,2-Dichloroethane	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
1,2-Dichloropropane	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
1,3,5-Trimethylbenzene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
1,3-Dichlorobenzene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
1,3-dichloropropane	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
1,4-Dichlorobenzene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
2,2-Dichloropropane	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
2-Butanone	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
2-Chloroethyl vinyl ether	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
2-Chlorotoluene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
2-Hexanone	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
2-Propanol	U	62		µg/Kg-dry	1	6/26/2007 12:45:00 PM
4-Chlorotoluene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
4-Isopropyltoluene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
4-Methyl-2-pentanone	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Acetone	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Acrolein	U	31		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Acrylonitrile	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Benzene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Bromobenzene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Bromochloromethane	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Bromodichloromethane	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Bromoform	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Bromomethane	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Carbon disulfide	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Carbon tetrachloride	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Chlorobenzene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Chlorodifluoromethane	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Chloroethane	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Chloroform	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Chloromethane	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
cis-1,2-Dichloroethene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
cis-1,3-Dichloropropene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Dibromochloromethane	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Dibromomethane	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Dichlorodifluoromethane	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-1 {0-2'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 10:00:00 AM
Lab ID:	0706228-02A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
Diisopropyl ether	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Ethanol	U	31		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Ethyl acetate	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Ethylbenzene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Freon-114	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Hexachlorobutadiene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Isopropyl acetate	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Isopropylbenzene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
m,p-Xylene	U	12		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Methyl tert-butyl ether	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Methylene chloride	34	6.2	B	µg/Kg-dry	1	6/26/2007 12:45:00 PM
n-Amyl acetate	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Naphthalene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
n-Butyl acetate	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
n-Butylbenzene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
n-Propyl acetate	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
n-Propylbenzene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
o-Xylene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
p-Diethylbenzene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
p-Ethyltoluene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
sec-Butylbenzene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Styrene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
t-Butyl alcohol	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
tert-Butylbenzene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Tetrachloroethene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Toluene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
trans-1,2-Dichloroethene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
trans-1,3-Dichloropropene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Trichloroethene	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Trichlorofluoromethane	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Vinyl acetate	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Vinyl chloride	U	6.2		µg/Kg-dry	1	6/26/2007 12:45:00 PM
Surr: 4-Bromofluorobenzene	89.9	61-133		%REC	1	6/26/2007 12:45:00 PM
Surr: Dibromofluoromethane	104	61-139		%REC	1	6/26/2007 12:45:00 PM
Surr: Toluene-d8	90.7	57-131		%REC	1	6/26/2007 12:45:00 PM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-1 {20-25'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 10:55:00 AM
Lab ID:	0706228-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY		**SW7471B**		**SW7471B**		Analyst: **JP**
Mercury	0.212	0.0102		mg/Kg-dry	1	7/3/2007 11:38:32 AM
PCB'S AS AROCLORS SW-846 METHOD 8082		**SW8082A**		**SW3550**		Analyst: **AR**
Aroclor 1016	U	86		µg/Kg-dry	1	6/29/2007 4:46:00 PM
Aroclor 1221	U	86		µg/Kg-dry	1	6/29/2007 4:46:00 PM
Aroclor 1232	U	86		µg/Kg-dry	1	6/29/2007 4:46:00 PM
Aroclor 1242	U	86		µg/Kg-dry	1	6/29/2007 4:46:00 PM
Aroclor 1248	U	86		µg/Kg-dry	1	6/29/2007 4:46:00 PM
Aroclor 1254	U	86		µg/Kg-dry	1	6/29/2007 4:46:00 PM
Aroclor 1260	U	86		µg/Kg-dry	1	6/29/2007 4:46:00 PM
Surr: TCX	84.7	26-136		%REC	1	6/29/2007 4:46:00 PM
Surr: DCB	81.0	20-133		%REC	1	6/29/2007 4:46:00 PM
PESTICIDES SW-846 METHOD 8081		**SW8081B**		**SW3550**		Analyst: **MMR**
4,4'-DDD	U	5.4		µg/Kg-dry	1	7/5/2007 1:18:00 PM
4,4'-DDE	2.8	5.4	J	µg/Kg-dry	1	7/5/2007 1:18:00 PM
4,4'-DDT	U	5.4		µg/Kg-dry	1	7/5/2007 1:18:00 PM
Aldrin	U	5.4		µg/Kg-dry	1	7/5/2007 1:18:00 PM
alpha-BHC	U	5.4		µg/Kg-dry	1	7/5/2007 1:18:00 PM
beta-BHC	U	5.4		µg/Kg-dry	1	7/5/2007 1:18:00 PM
Chlordane	520	16		µg/Kg-dry	1	7/5/2007 1:18:00 PM
Chlorobenzilate	U	5.4		µg/Kg-dry	1	7/5/2007 1:18:00 PM
DBCP	U	5.4		µg/Kg-dry	1	7/5/2007 1:18:00 PM
delta-BHC	U	5.4		µg/Kg-dry	1	7/5/2007 1:18:00 PM
Dieldrin	U	5.4		µg/Kg-dry	1	7/5/2007 1:18:00 PM
Endosulfan I	U	5.4		µg/Kg-dry	1	7/5/2007 1:18:00 PM
Endosulfan II	U	5.4		µg/Kg-dry	1	7/5/2007 1:18:00 PM
Endosulfan sulfate	U	5.4		µg/Kg-dry	1	7/5/2007 1:18:00 PM
Endrin	15	5.4		µg/Kg-dry	1	7/5/2007 1:18:00 PM
Endrin aldehyde	U	5.4		µg/Kg-dry	1	7/5/2007 1:18:00 PM
Endrin ketone	U	5.4		µg/Kg-dry	1	7/5/2007 1:18:00 PM
gamma-BHC	U	5.4		µg/Kg-dry	1	7/5/2007 1:18:00 PM
Heptachlor	U	5.4		µg/Kg-dry	1	7/5/2007 1:18:00 PM
Heptachlor epoxide	U	5.4		µg/Kg-dry	1	7/5/2007 1:18:00 PM
Hexachlorobenzene	U	5.4		µg/Kg-dry	1	7/5/2007 1:18:00 PM
Hexachlorocyclopentadiene	U	5.4		µg/Kg-dry	1	7/5/2007 1:18:00 PM
Methoxychlor	U	5.4		µg/Kg-dry	1	7/5/2007 1:18:00 PM
Toxaphene	U	52		µg/Kg-dry	1	7/5/2007 1:18:00 PM
Surr: DCB	30.8	31-133	S	%REC	1	7/5/2007 1:18:00 PM
Surr: TCX	73.5	32-132		%REC	1	7/5/2007 1:18:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-1 {20-25'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 10:55:00 AM
Lab ID:	0706228-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE		**D2216**				Analyst: **CM**
Percent Moisture	6.83	0		wt%	1	6/25/2007
TARGET ANALYTE LIST METALS		**SW6010B**		**SW3050A**		Analyst: **JP**
Aluminum	4410	0.389		mg/Kg-dry	1	7/3/2007 11:25:23 AM
Antimony	U	0.486		mg/Kg-dry	1	7/3/2007 11:25:23 AM
Arsenic	1.62	0.486		mg/Kg-dry	1	7/3/2007 11:25:23 AM
Barium	56.7	0.389		mg/Kg-dry	1	7/3/2007 11:25:23 AM
Beryllium	U	0.389		mg/Kg-dry	1	7/3/2007 11:25:23 AM
Cadmium	1.21	0.194		mg/Kg-dry	1	7/3/2007 11:25:23 AM
Calcium	747	0.486		mg/Kg-dry	1	7/3/2007 11:25:23 AM
Chromium	11.9	0.389		mg/Kg-dry	1	7/3/2007 11:25:23 AM
Cobalt	U	0.389		mg/Kg-dry	1	7/3/2007 11:25:23 AM
Copper	24.7	0.389		mg/Kg-dry	1	7/3/2007 11:25:23 AM
Iron	3380	0.389		mg/Kg-dry	1	7/3/2007 11:25:23 AM
Lead	152	0.292		mg/Kg-dry	1	7/3/2007 11:25:23 AM
Magnesium	1270	0.389		mg/Kg-dry	1	7/3/2007 11:25:23 AM
Manganese	48.3	0.389		mg/Kg-dry	1	7/3/2007 11:25:23 AM
Nickel	10.5	0.389		mg/Kg-dry	1	7/3/2007 11:25:23 AM
Potassium	1150	1.94		mg/Kg-dry	1	7/3/2007 11:25:23 AM
Selenium	U	0.486		mg/Kg-dry	1	7/3/2007 11:25:23 AM
Silver	0.119	0.389	J	mg/Kg-dry	1	7/3/2007 11:25:23 AM
Sodium	224	1.17		mg/Kg-dry	1	7/3/2007 11:25:23 AM
Thallium	U	0.389		mg/Kg-dry	1	7/3/2007 11:25:23 AM
Vanadium	14.8	0.389		mg/Kg-dry	1	7/3/2007 11:25:23 AM
Zinc	145	0.389		mg/Kg-dry	1	7/3/2007 11:25:23 AM
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
1,2,4-Trichlorobenzene	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
1,2-Dichlorobenzene	390	510	J	µg/Kg-dry	4	7/2/2007 3:39:00 PM
1,3-Dichlorobenzene	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
1,4-Dichlorobenzene	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
2,4,5-Trichlorophenol	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
2,4,6-Trichlorophenol	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
2,4-Dichlorophenol	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
2,4-Dimethylphenol	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
2,4-Dinitrophenol	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
2,4-Dinitrotoluene	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
2,6-Dinitrotoluene	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
2-Chloronaphthalene	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
2-Chlorophenol	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-1 {20-25'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 10:55:00 AM
Lab ID:	0706228-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
2-Methylnaphthalene	30000	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
2-Methylphenol	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
2-Nitroaniline	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
2-Nitrophenol	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
3,3'-Dichlorobenzidine	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
3+4-Methylphenol	2300	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
3-Nitroaniline	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
4,6-Dinitro-2-methylphenol	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
4-Bromophenyl phenyl ether	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
4-Chloro-3-methylphenol	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
4-Chloroaniline	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
4-Chlorophenyl phenyl ether	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
4-Nitroaniline	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
4-Nitrophenol	U	630		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Acenaphthene	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Acenaphthylene	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Aniline	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Anthracene	560	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Azobenzene	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Benzidine	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Benzo(a)anthracene	990	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Benzo(a)pyrene	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Benzo(b)fluoranthene	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Benzo(g,h,i)perylene	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Benzo(k)fluoranthene	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Benzoic acid	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Benzyl alcohol	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Bis(2-chloroethoxy)methane	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Bis(2-chloroethyl)ether	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Bis(2-chloroisopropyl)ether	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Bis(2-ethylhexyl)phthalate	9200	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Butyl benzyl phthalate	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Carbazole	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Chrysene	920	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Dibenzo(a,h)anthracene	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Dibenzofuran	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Diethyl phthalate	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Dimethyl phthalate	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Di-n-butyl phthalate	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-1 {20-25'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 10:55:00 AM
Lab ID:	0706228-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
Di-n-octyl phthalate	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Fluoranthene	1300	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Fluorene	1200	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Hexachlorobenzene	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Hexachlorobutadiene	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Hexachlorocyclopentadiene	U	630		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Hexachloroethane	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Indeno(1,2,3-c,d)pyrene	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Isophorone	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Naphthalene	18000	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Nitrobenzene	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
N-Nitrosodimethylamine	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
N-Nitrosodi-n-propylamine	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
N-Nitrosodiphenylamine	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Pentachlorophenol	U	630		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Phenanthrene	2700	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Phenol	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Pyrene	2800	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Pyridine	U	510		µg/Kg-dry	4	7/2/2007 3:39:00 PM
Surr: 2,4,6-Tribromophenol	73.1	22-124		%REC	4	7/2/2007 3:39:00 PM
Surr: 2-Fluorobiphenyl	54.6	27-119		%REC	4	7/2/2007 3:39:00 PM
Surr: 2-Fluorophenol	43.5	21-123		%REC	4	7/2/2007 3:39:00 PM
Surr: 4-Terphenyl-d14	69.0	28-126		%REC	4	7/2/2007 3:39:00 PM
Surr: Nitrobenzene-d5	133	21-118	S	%REC	4	7/2/2007 3:39:00 PM
Surr: Phenol-d6	53.9	18-129		%REC	4	7/2/2007 3:39:00 PM
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,1,1,2-Tetrachloroethane	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
1,1,1-Trichloroethane	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
1,1,2,2-Tetrachloroethane	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
1,1,2-Trichloroethane	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
1,1-Dichloroethane	18	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
1,1-Dichloroethene	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
1,1-Dichloropropene	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
1,2,3-Trichlorobenzene	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
1,2,3-Trichloropropane	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
1,2,4,5-Tetramethylbenzene	68000	790		µg/Kg-dry	125	6/30/2007 1:00:00 AM
1,2,4-Trichlorobenzene	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
1,2,4-Trimethylbenzene	110000	790		µg/Kg-dry	125	6/30/2007 1:00:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-1 {20-25'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 10:55:00 AM
Lab ID:	0706228-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,2-Dibromo-3-chloropropane	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
1,2-Dibromoethane	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
1,2-Dichlorobenzene	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
1,2-Dichloroethane	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
1,2-Dichloropropane	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
1,3,5-Trimethylbenzene	47000	790		µg/Kg-dry	125	6/30/2007 1:00:00 AM
1,3-Dichlorobenzene	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
1,3-dichloropropane	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
1,4-Dichlorobenzene	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
2,2-Dichloropropane	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
2-Butanone	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
2-Chloroethyl vinyl ether	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
2-Chlorotoluene	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
2-Hexanone	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
2-Propanol	U	64		µg/Kg-dry	1	6/26/2007 1:10:00 PM
4-Chlorotoluene	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
4-Isopropyltoluene	430	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
4-Methyl-2-pentanone	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Acetone	8900	790		µg/Kg-dry	125	6/30/2007 1:00:00 AM
Acrolein	U	32		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Acrylonitrile	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Benzene	170	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Bromobenzene	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Bromochloromethane	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Bromodichloromethane	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Bromoform	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Bromomethane	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Carbon disulfide	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Carbon tetrachloride	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Chlorobenzene	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Chlorodifluoromethane	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Chloroethane	28	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Chloroform	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Chloromethane	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
cis-1,2-Dichloroethene	380	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
cis-1,3-Dichloropropene	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Dibromochloromethane	4.2	6.4	J	µg/Kg-dry	1	6/26/2007 1:10:00 PM
Dibromomethane	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Dichlorodifluoromethane	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-1 {20-25'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 10:55:00 AM
Lab ID:	0706228-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
Diisopropyl ether	1.2	6.4	J	µg/Kg-dry	1	6/26/2007 1:10:00 PM
Ethanol	44	32		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Ethyl acetate	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Ethylbenzene	32000	790		µg/Kg-dry	125	6/30/2007 1:00:00 AM
Freon-114	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Hexachlorobutadiene	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Isopropyl acetate	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Isopropylbenzene	300	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
m,p-Xylene	100000	1600		µg/Kg-dry	125	6/30/2007 1:00:00 AM
Methyl tert-butyl ether	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Methylene chloride	95	6.4	B	µg/Kg-dry	1	6/26/2007 1:10:00 PM
n-Amyl acetate	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Naphthalene	25000	790		µg/Kg-dry	125	6/30/2007 1:00:00 AM
n-Butyl acetate	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
n-Butylbenzene	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
n-Propyl acetate	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
n-Propylbenzene	840	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
o-Xylene	48000	790		µg/Kg-dry	125	6/30/2007 1:00:00 AM
p-Diethylbenzene	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
p-Ethyltoluene	300	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
sec-Butylbenzene	210	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Styrene	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
t-Butyl alcohol	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
tert-Butylbenzene	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Tetrachloroethene	32	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Toluene	58000	790		µg/Kg-dry	125	6/30/2007 1:00:00 AM
trans-1,2-Dichloroethene	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
trans-1,3-Dichloropropene	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Trichloroethene	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Trichlorofluoromethane	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Vinyl acetate	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Vinyl chloride	U	6.4		µg/Kg-dry	1	6/26/2007 1:10:00 PM
Surr: 4-Bromofluorobenzene	181	61-133	S	%REC	125	6/30/2007 1:00:00 AM
Surr: 4-Bromofluorobenzene	453	61-133	S	%REC	1	6/26/2007 1:10:00 PM
Surr: Dibromofluoromethane	107	61-139		%REC	1	6/26/2007 1:10:00 PM
Surr: Dibromofluoromethane	86.5	61-139		%REC	125	6/30/2007 1:00:00 AM
Surr: Toluene-d8	98.3	57-131		%REC	1	6/26/2007 1:10:00 PM
Surr: Toluene-d8	100	57-131		%REC	125	6/30/2007 1:00:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-4 {0-2'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 11:15:00 AM
Lab ID:	0706228-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY		**SW7471B**		**SW7471B**		Analyst: **JP**
Mercury	0.0375	0.0100		mg/Kg-dry	1	7/3/2007 11:40:39 AM
PCB'S AS AROCLORS SW-846 METHOD 8082		**SW8082A**		**SW3550**		Analyst: **AR**
Aroclor 1016	U	88		µg/Kg-dry	1	6/29/2007 5:03:00 PM
Aroclor 1221	U	88		µg/Kg-dry	1	6/29/2007 5:03:00 PM
Aroclor 1232	U	88		µg/Kg-dry	1	6/29/2007 5:03:00 PM
Aroclor 1242	U	88		µg/Kg-dry	1	6/29/2007 5:03:00 PM
Aroclor 1248	U	88		µg/Kg-dry	1	6/29/2007 5:03:00 PM
Aroclor 1254	U	88		µg/Kg-dry	1	6/29/2007 5:03:00 PM
Aroclor 1260	U	88		µg/Kg-dry	1	6/29/2007 5:03:00 PM
Surr: TCX	70.0	26-136		%REC	1	6/29/2007 5:03:00 PM
Surr: DCB	74.8	20-133		%REC	1	6/29/2007 5:03:00 PM
PESTICIDES SW-846 METHOD 8081		**SW8081B**		**SW3550**		Analyst: **MMR**
4,4'-DDD	U	5.5		µg/Kg-dry	1	7/5/2007 1:35:00 PM
4,4'-DDE	0.57	5.5	J	µg/Kg-dry	1	7/5/2007 1:35:00 PM
4,4'-DDT	0.72	5.5	J	µg/Kg-dry	1	7/5/2007 1:35:00 PM
Aldrin	4.4	5.5	J	µg/Kg-dry	1	7/5/2007 1:35:00 PM
alpha-BHC	U	5.5		µg/Kg-dry	1	7/5/2007 1:35:00 PM
beta-BHC	U	5.5		µg/Kg-dry	1	7/5/2007 1:35:00 PM
Chlordane	100	17		µg/Kg-dry	1	7/5/2007 1:35:00 PM
Chlorobenzilate	U	5.5		µg/Kg-dry	1	7/5/2007 1:35:00 PM
DBCP	U	5.5		µg/Kg-dry	1	7/5/2007 1:35:00 PM
delta-BHC	U	5.5		µg/Kg-dry	1	7/5/2007 1:35:00 PM
Dieldrin	19	5.5		µg/Kg-dry	1	7/5/2007 1:35:00 PM
Endosulfan I	U	5.5		µg/Kg-dry	1	7/5/2007 1:35:00 PM
Endosulfan II	U	5.5		µg/Kg-dry	1	7/5/2007 1:35:00 PM
Endosulfan sulfate	U	5.5		µg/Kg-dry	1	7/5/2007 1:35:00 PM
Endrin	U	5.5		µg/Kg-dry	1	7/5/2007 1:35:00 PM
Endrin aldehyde	U	5.5		µg/Kg-dry	1	7/5/2007 1:35:00 PM
Endrin ketone	U	5.5		µg/Kg-dry	1	7/5/2007 1:35:00 PM
gamma-BHC	U	5.5		µg/Kg-dry	1	7/5/2007 1:35:00 PM
Heptachlor	2.5	5.5	J	µg/Kg-dry	1	7/5/2007 1:35:00 PM
Heptachlor epoxide	U	5.5		µg/Kg-dry	1	7/5/2007 1:35:00 PM
Hexachlorobenzene	U	5.5		µg/Kg-dry	1	7/5/2007 1:35:00 PM
Hexachlorocyclopentadiene	U	5.5		µg/Kg-dry	1	7/5/2007 1:35:00 PM
Methoxychlor	U	5.5		µg/Kg-dry	1	7/5/2007 1:35:00 PM
Toxaphene	U	53		µg/Kg-dry	1	7/5/2007 1:35:00 PM
Surr: DCB	13.2	31-133	S	%REC	1	7/5/2007 1:35:00 PM
Surr: TCX	60.7	32-132		%REC	1	7/5/2007 1:35:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-4 {0-2'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 11:15:00 AM
Lab ID:	0706228-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE		**D2216**				Analyst: **CM**
Percent Moisture	9.08	0		wt%	1	6/25/2007
TARGET ANALYTE LIST METALS		**SW6010B**		**SW3050A**		Analyst: **JP**
Aluminum	6020	0.426		mg/Kg-dry	1	7/3/2007 11:27:19 AM
Antimony	U	0.533		mg/Kg-dry	1	7/3/2007 11:27:19 AM
Arsenic	2.79	0.533		mg/Kg-dry	1	7/3/2007 11:27:19 AM
Barium	37.4	0.426		mg/Kg-dry	1	7/3/2007 11:27:19 AM
Beryllium	U	0.426		mg/Kg-dry	1	7/3/2007 11:27:19 AM
Cadmium	U	0.213		mg/Kg-dry	1	7/3/2007 11:27:19 AM
Calcium	8040	0.533		mg/Kg-dry	1	7/3/2007 11:27:19 AM
Chromium	12.6	0.426		mg/Kg-dry	1	7/3/2007 11:27:19 AM
Cobalt	U	0.426		mg/Kg-dry	1	7/3/2007 11:27:19 AM
Copper	13.0	0.426		mg/Kg-dry	1	7/3/2007 11:27:19 AM
Iron	4180	0.426		mg/Kg-dry	1	7/3/2007 11:27:19 AM
Lead	36.7	0.320		mg/Kg-dry	1	7/3/2007 11:27:19 AM
Magnesium	2220	0.426		mg/Kg-dry	1	7/3/2007 11:27:19 AM
Manganese	162	0.426		mg/Kg-dry	1	7/3/2007 11:27:19 AM
Nickel	11.6	0.426		mg/Kg-dry	1	7/3/2007 11:27:19 AM
Potassium	1210	2.13		mg/Kg-dry	1	7/3/2007 11:27:19 AM
Selenium	U	0.533		mg/Kg-dry	1	7/3/2007 11:27:19 AM
Silver	U	0.426		mg/Kg-dry	1	7/3/2007 11:27:19 AM
Sodium	255	1.28		mg/Kg-dry	1	7/3/2007 11:27:19 AM
Thallium	U	0.426		mg/Kg-dry	1	7/3/2007 11:27:19 AM
Vanadium	16.4	0.426		mg/Kg-dry	1	7/3/2007 11:27:19 AM
Zinc	44.4	0.426		mg/Kg-dry	1	7/3/2007 11:27:19 AM
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
1,2,4-Trichlorobenzene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
1,2-Dichlorobenzene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
1,3-Dichlorobenzene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
1,4-Dichlorobenzene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
2,4,5-Trichlorophenol	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
2,4,6-Trichlorophenol	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
2,4-Dichlorophenol	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
2,4-Dimethylphenol	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
2,4-Dinitrophenol	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
2,4-Dinitrotoluene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
2,6-Dinitrotoluene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
2-Chloronaphthalene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
2-Chlorophenol	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-4 {0-2'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 11:15:00 AM
Lab ID:	0706228-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
2-Methylnaphthalene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
2-Methylphenol	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
2-Nitroaniline	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
2-Nitrophenol	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
3,3'-Dichlorobenzidine	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
3+4-Methylphenol	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
3-Nitroaniline	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
4,6-Dinitro-2-methylphenol	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
4-Bromophenyl phenyl ether	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
4-Chloro-3-methylphenol	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
4-Chloroaniline	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
4-Chlorophenyl phenyl ether	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
4-Nitroaniline	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
4-Nitrophenol	U	310		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Acenaphthene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Acenaphthylene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Aniline	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Anthracene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Azobenzene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Benzidine	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Benzo(a)anthracene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Benzo(a)pyrene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Benzo(b)fluoranthene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Benzo(g,h,i)perylene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Benzo(k)fluoranthene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Benzoic acid	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Benzyl alcohol	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Bis(2-chloroethoxy)methane	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Bis(2-chloroethyl)ether	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Bis(2-chloroisopropyl)ether	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Bis(2-ethylhexyl)phthalate	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Butyl benzyl phthalate	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Carbazole	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Chrysene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Dibenzo(a,h)anthracene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Dibenzofuran	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Diethyl phthalate	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Dimethyl phthalate	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Di-n-butyl phthalate	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-4 {0-2'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 11:15:00 AM
Lab ID:	0706228-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
Di-n-octyl phthalate	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Fluoranthene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Fluorene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Hexachlorobenzene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Hexachlorobutadiene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Hexachlorocyclopentadiene	U	310		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Hexachloroethane	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Indeno(1,2,3-c,d)pyrene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Isophorone	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Naphthalene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Nitrobenzene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
N-Nitrosodimethylamine	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
N-Nitrosodi-n-propylamine	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
N-Nitrosodiphenylamine	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Pentachlorophenol	U	310		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Phenanthrene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Phenol	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Pyrene	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Pyridine	U	250		µg/Kg-dry	2	7/2/2007 4:03:00 PM
Surr: 2,4,6-Tribromophenol	35.7	22-124		%REC	2	7/2/2007 4:03:00 PM
Surr: 2-Fluorobiphenyl	44.6	27-119		%REC	2	7/2/2007 4:03:00 PM
Surr: 2-Fluorophenol	39.9	21-123		%REC	2	7/2/2007 4:03:00 PM
Surr: 4-Terphenyl-d14	46.3	28-126		%REC	2	7/2/2007 4:03:00 PM
Surr: Nitrobenzene-d5	42.5	21-118		%REC	2	7/2/2007 4:03:00 PM
Surr: Phenol-d6	48.7	18-129		%REC	2	7/2/2007 4:03:00 PM
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,1,1,2-Tetrachloroethane	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
1,1,1-Trichloroethane	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
1,1,2,2-Tetrachloroethane	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
1,1,2-Trichloroethane	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
1,1-Dichloroethane	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
1,1-Dichloroethene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
1,1-Dichloropropene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
1,2,3-Trichlorobenzene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
1,2,3-Trichloropropane	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
1,2,4,5-Tetramethylbenzene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
1,2,4-Trichlorobenzene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
1,2,4-Trimethylbenzene	12	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-4 {0-2'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 11:15:00 AM
Lab ID:	0706228-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,2-Dibromo-3-chloropropane	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
1,2-Dibromoethane	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
1,2-Dichlorobenzene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
1,2-Dichloroethane	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
1,2-Dichloropropane	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
1,3,5-Trimethylbenzene	3.0	5.6	J	µg/Kg-dry	1	6/26/2007 1:35:00 PM
1,3-Dichlorobenzene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
1,3-dichloropropane	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
1,4-Dichlorobenzene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
2,2-Dichloropropane	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
2-Butanone	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
2-Chloroethyl vinyl ether	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
2-Chlorotoluene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
2-Hexanone	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
2-Propanol	U	56		µg/Kg-dry	1	6/26/2007 1:35:00 PM
4-Chlorotoluene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
4-Isopropyltoluene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
4-Methyl-2-pentanone	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Acetone	39	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Acrolein	U	28		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Acrylonitrile	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Benzene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Bromobenzene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Bromochloromethane	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Bromodichloromethane	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Bromoform	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Bromomethane	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Carbon disulfide	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Carbon tetrachloride	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Chlorobenzene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Chlorodifluoromethane	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Chloroethane	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Chloroform	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Chloromethane	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
cis-1,2-Dichloroethene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
cis-1,3-Dichloropropene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Dibromochloromethane	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Dibromomethane	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Dichlorodifluoromethane	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-4 {0-2'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 11:15:00 AM
Lab ID:	0706228-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
Diisopropyl ether	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Ethanol	U	28		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Ethyl acetate	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Ethylbenzene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Freon-114	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Hexachlorobutadiene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Isopropyl acetate	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Isopropylbenzene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
m,p-Xylene	4.4	11	J	µg/Kg-dry	1	6/26/2007 1:35:00 PM
Methyl tert-butyl ether	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Methylene chloride	24	5.6	B	µg/Kg-dry	1	6/26/2007 1:35:00 PM
n-Amyl acetate	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Naphthalene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
n-Butyl acetate	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
n-Butylbenzene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
n-Propyl acetate	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
n-Propylbenzene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
o-Xylene	2.4	5.6	J	µg/Kg-dry	1	6/26/2007 1:35:00 PM
p-Diethylbenzene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
p-Ethyltoluene	6.0	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
sec-Butylbenzene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Styrene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
t-Butyl alcohol	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
tert-Butylbenzene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Tetrachloroethene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Toluene	2.7	5.6	J	µg/Kg-dry	1	6/26/2007 1:35:00 PM
trans-1,2-Dichloroethene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
trans-1,3-Dichloropropene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Trichloroethene	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Trichlorofluoromethane	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Vinyl acetate	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Vinyl chloride	U	5.6		µg/Kg-dry	1	6/26/2007 1:35:00 PM
Surr: 4-Bromofluorobenzene	88.7	61-133		%REC	1	6/26/2007 1:35:00 PM
Surr: Dibromofluoromethane	94.5	61-139		%REC	1	6/26/2007 1:35:00 PM
Surr: Toluene-d8	88.2	57-131		%REC	1	6/26/2007 1:35:00 PM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-4 {20-25'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 11:40:00 AM
Lab ID:	0706228-05A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY		**SW7471B**		**SW7471B**		Analyst: **JP**
Mercury	U	0.00951		mg/Kg-dry	1	7/3/2007 11:42:46 AM
PCB'S AS AROCLORS SW-846 METHOD 8082		**SW8082A**		**SW3550**		Analyst: **AR**
Aroclor 1016	U	82		µg/Kg-dry	1	6/29/2007 5:20:00 PM
Aroclor 1221	U	82		µg/Kg-dry	1	6/29/2007 5:20:00 PM
Aroclor 1232	U	82		µg/Kg-dry	1	6/29/2007 5:20:00 PM
Aroclor 1242	U	82		µg/Kg-dry	1	6/29/2007 5:20:00 PM
Aroclor 1248	U	82		µg/Kg-dry	1	6/29/2007 5:20:00 PM
Aroclor 1254	U	82		µg/Kg-dry	1	6/29/2007 5:20:00 PM
Aroclor 1260	U	82		µg/Kg-dry	1	6/29/2007 5:20:00 PM
Surr: TCX	78.8	26-136		%REC	1	6/29/2007 5:20:00 PM
Surr: DCB	74.0	20-133		%REC	1	6/29/2007 5:20:00 PM
PESTICIDES SW-846 METHOD 8081		**SW8081B**		**SW3550**		Analyst: **MMR**
4,4'-DDD	U	5.1		µg/Kg-dry	1	7/5/2007 1:53:00 PM
4,4'-DDE	U	5.1		µg/Kg-dry	1	7/5/2007 1:53:00 PM
4,4'-DDT	0.96	5.1	J	µg/Kg-dry	1	7/5/2007 1:53:00 PM
Aldrin	U	5.1		µg/Kg-dry	1	7/5/2007 1:53:00 PM
alpha-BHC	U	5.1		µg/Kg-dry	1	7/5/2007 1:53:00 PM
beta-BHC	U	5.1		µg/Kg-dry	1	7/5/2007 1:53:00 PM
Chlordane	U	15		µg/Kg-dry	1	7/5/2007 1:53:00 PM
Chlorobenzilate	U	5.1		µg/Kg-dry	1	7/5/2007 1:53:00 PM
DBCP	U	5.1		µg/Kg-dry	1	7/5/2007 1:53:00 PM
delta-BHC	U	5.1		µg/Kg-dry	1	7/5/2007 1:53:00 PM
Dieldrin	U	5.1		µg/Kg-dry	1	7/5/2007 1:53:00 PM
Endosulfan I	U	5.1		µg/Kg-dry	1	7/5/2007 1:53:00 PM
Endosulfan II	U	5.1		µg/Kg-dry	1	7/5/2007 1:53:00 PM
Endosulfan sulfate	U	5.1		µg/Kg-dry	1	7/5/2007 1:53:00 PM
Endrin	U	5.1		µg/Kg-dry	1	7/5/2007 1:53:00 PM
Endrin aldehyde	U	5.1		µg/Kg-dry	1	7/5/2007 1:53:00 PM
Endrin ketone	U	5.1		µg/Kg-dry	1	7/5/2007 1:53:00 PM
gamma-BHC	U	5.1		µg/Kg-dry	1	7/5/2007 1:53:00 PM
Heptachlor	U	5.1		µg/Kg-dry	1	7/5/2007 1:53:00 PM
Heptachlor epoxide	U	5.1		µg/Kg-dry	1	7/5/2007 1:53:00 PM
Hexachlorobenzene	U	5.1		µg/Kg-dry	1	7/5/2007 1:53:00 PM
Hexachlorocyclopentadiene	U	5.1		µg/Kg-dry	1	7/5/2007 1:53:00 PM
Methoxychlor	U	5.1		µg/Kg-dry	1	7/5/2007 1:53:00 PM
Toxaphene	U	49		µg/Kg-dry	1	7/5/2007 1:53:00 PM
Surr: DCB	35.6	31-133		%REC	1	7/5/2007 1:53:00 PM
Surr: TCX	88.5	32-132		%REC	1	7/5/2007 1:53:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-4 {20-25'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 11:40:00 AM
Lab ID:	0706228-05A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE		**D2216**				Analyst: **CM**
Percent Moisture	2.66	0		wt%	1	6/25/2007
TARGET ANALYTE LIST METALS		**SW6010B**		**SW3050A**		Analyst: **JP**
Aluminum	2010	0.397		mg/Kg-dry	1	7/3/2007 11:29:15 AM
Antimony	U	0.496		mg/Kg-dry	1	7/3/2007 11:29:15 AM
Arsenic	1.41	0.496		mg/Kg-dry	1	7/3/2007 11:29:15 AM
Barium	11.3	0.397		mg/Kg-dry	1	7/3/2007 11:29:15 AM
Beryllium	U	0.397		mg/Kg-dry	1	7/3/2007 11:29:15 AM
Cadmium	U	0.198		mg/Kg-dry	1	7/3/2007 11:29:15 AM
Calcium	2800	0.496		mg/Kg-dry	1	7/3/2007 11:29:15 AM
Chromium	4.17	0.397		mg/Kg-dry	1	7/3/2007 11:29:15 AM
Cobalt	U	0.397		mg/Kg-dry	1	7/3/2007 11:29:15 AM
Copper	5.36	0.397		mg/Kg-dry	1	7/3/2007 11:29:15 AM
Iron	3030	0.397		mg/Kg-dry	1	7/3/2007 11:29:15 AM
Lead	1.77	0.297		mg/Kg-dry	1	7/3/2007 11:29:15 AM
Magnesium	1580	0.397		mg/Kg-dry	1	7/3/2007 11:29:15 AM
Manganese	104	0.397		mg/Kg-dry	1	7/3/2007 11:29:15 AM
Nickel	4.88	0.397		mg/Kg-dry	1	7/3/2007 11:29:15 AM
Potassium	484	1.98		mg/Kg-dry	1	7/3/2007 11:29:15 AM
Selenium	U	0.496		mg/Kg-dry	1	7/3/2007 11:29:15 AM
Silver	U	0.397		mg/Kg-dry	1	7/3/2007 11:29:15 AM
Sodium	128	1.19		mg/Kg-dry	1	7/3/2007 11:29:15 AM
Thallium	U	0.397		mg/Kg-dry	1	7/3/2007 11:29:15 AM
Vanadium	5.45	0.397		mg/Kg-dry	1	7/3/2007 11:29:15 AM
Zinc	9.27	0.397		mg/Kg-dry	1	7/3/2007 11:29:15 AM
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
1,2,4-Trichlorobenzene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
1,2-Dichlorobenzene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
1,3-Dichlorobenzene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
1,4-Dichlorobenzene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
2,4,5-Trichlorophenol	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
2,4,6-Trichlorophenol	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
2,4-Dichlorophenol	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
2,4-Dimethylphenol	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
2,4-Dinitrophenol	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
2,4-Dinitrotoluene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
2,6-Dinitrotoluene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
2-Chloronaphthalene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
2-Chlorophenol	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-4 {20-25'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 11:40:00 AM
Lab ID:	0706228-05A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
2-Methylnaphthalene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
2-Methylphenol	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
2-Nitroaniline	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
2-Nitrophenol	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
3,3'-Dichlorobenzidine	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
3+4-Methylphenol	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
3-Nitroaniline	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
4,6-Dinitro-2-methylphenol	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
4-Bromophenyl phenyl ether	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
4-Chloro-3-methylphenol	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
4-Chloroaniline	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
4-Chlorophenyl phenyl ether	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
4-Nitroaniline	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
4-Nitrophenol	U	150		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Acenaphthene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Acenaphthylene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Aniline	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Anthracene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Azobenzene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Benzidine	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Benzo(a)anthracene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Benzo(a)pyrene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Benzo(b)fluoranthene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Benzo(g,h,i)perylene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Benzo(k)fluoranthene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Benzoic acid	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Benzyl alcohol	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Bis(2-chloroethoxy)methane	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Bis(2-chloroethyl)ether	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Bis(2-chloroisopropyl)ether	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Bis(2-ethylhexyl)phthalate	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Butyl benzyl phthalate	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Carbazole	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Chrysene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Dibenzo(a,h)anthracene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Dibenzofuran	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Diethyl phthalate	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Dimethyl phthalate	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Di-n-butyl phthalate	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-4 {20-25'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 11:40:00 AM
Lab ID:	0706228-05A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
Di-n-octyl phthalate	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Fluoranthene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Fluorene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Hexachlorobenzene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Hexachlorobutadiene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Hexachlorocyclopentadiene	U	150		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Hexachloroethane	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Indeno(1,2,3-c,d)pyrene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Isophorone	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Naphthalene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Nitrobenzene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
N-Nitrosodimethylamine	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
N-Nitrosodi-n-propylamine	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
N-Nitrosodiphenylamine	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Pentachlorophenol	U	150		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Phenanthrene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Phenol	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Pyrene	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Pyridine	U	120		µg/Kg-dry	1	7/2/2007 4:28:00 PM
Surr: 2,4,6-Tribromophenol	59.7	22-124		%REC	1	7/2/2007 4:28:00 PM
Surr: 2-Fluorobiphenyl	72.7	27-119		%REC	1	7/2/2007 4:28:00 PM
Surr: 2-Fluorophenol	66.5	21-123		%REC	1	7/2/2007 4:28:00 PM
Surr: 4-Terphenyl-d14	72.1	28-126		%REC	1	7/2/2007 4:28:00 PM
Surr: Nitrobenzene-d5	66.5	21-118		%REC	1	7/2/2007 4:28:00 PM
Surr: Phenol-d6	71.2	18-129		%REC	1	7/2/2007 4:28:00 PM
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,1,1,2-Tetrachloroethane	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
1,1,1-Trichloroethane	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
1,1,2,2-Tetrachloroethane	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
1,1,2-Trichloroethane	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
1,1-Dichloroethane	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
1,1-Dichloroethene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
1,1-Dichloropropene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
1,2,3-Trichlorobenzene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
1,2,3-Trichloropropane	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
1,2,4,5-Tetramethylbenzene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
1,2,4-Trichlorobenzene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
1,2,4-Trimethylbenzene	1.6	4.7	J	µg/Kg-dry	1	6/26/2007 2:00:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-4 {20-25'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 11:40:00 AM
Lab ID:	0706228-05A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,2-Dibromo-3-chloropropane	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
1,2-Dibromoethane	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
1,2-Dichlorobenzene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
1,2-Dichloroethane	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
1,2-Dichloropropane	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
1,3,5-Trimethylbenzene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
1,3-Dichlorobenzene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
1,3-dichloropropane	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
1,4-Dichlorobenzene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
2,2-Dichloropropane	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
2-Butanone	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
2-Chloroethyl vinyl ether	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
2-Chlorotoluene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
2-Hexanone	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
2-Propanol	U	47		µg/Kg-dry	1	6/26/2007 2:00:00 PM
4-Chlorotoluene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
4-Isopropyltoluene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
4-Methyl-2-pentanone	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Acetone	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Acrolein	U	23		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Acrylonitrile	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Benzene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Bromobenzene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Bromochloromethane	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Bromodichloromethane	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Bromoform	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Bromomethane	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Carbon disulfide	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Carbon tetrachloride	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Chlorobenzene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Chlorodifluoromethane	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Chloroethane	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Chloroform	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Chloromethane	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
cis-1,2-Dichloroethene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
cis-1,3-Dichloropropene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Dibromochloromethane	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Dibromomethane	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Dichlorodifluoromethane	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-4 {20-25'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007 11:40:00 AM
Lab ID:	0706228-05A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
Diisopropyl ether	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Ethanol	U	23		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Ethyl acetate	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Ethylbenzene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Freon-114	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Hexachlorobutadiene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Isopropyl acetate	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Isopropylbenzene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
m,p-Xylene	U	9.3		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Methyl tert-butyl ether	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Methylene chloride	31	4.7	B	µg/Kg-dry	1	6/26/2007 2:00:00 PM
n-Amyl acetate	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Naphthalene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
n-Butyl acetate	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
n-Butylbenzene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
n-Propyl acetate	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
n-Propylbenzene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
o-Xylene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
p-Diethylbenzene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
p-Ethyltoluene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
sec-Butylbenzene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Styrene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
t-Butyl alcohol	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
tert-Butylbenzene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Tetrachloroethene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Toluene	0.73	4.7	J	µg/Kg-dry	1	6/26/2007 2:00:00 PM
trans-1,2-Dichloroethene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
trans-1,3-Dichloropropene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Trichloroethene	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Trichlorofluoromethane	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Vinyl acetate	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Vinyl chloride	U	4.7		µg/Kg-dry	1	6/26/2007 2:00:00 PM
Surr: 4-Bromofluorobenzene	88.1	61-133		%REC	1	6/26/2007 2:00:00 PM
Surr: Dibromofluoromethane	100	61-139		%REC	1	6/26/2007 2:00:00 PM
Surr: Toluene-d8	87.8	57-131		%REC	1	6/26/2007 2:00:00 PM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-3 {0-2'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007
Lab ID:	0706228-06A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY		**SW7471B**		**SW7471B**		Analyst: **JP**
Mercury	0.0587	0.0104		mg/Kg-dry	1	7/3/2007 11:44:53 AM
PCB'S AS AROCLORS SW-846 METHOD 8082		**SW8082A**		**SW3550**		Analyst: **AR**
Aroclor 1016	U	90		µg/Kg-dry	1	6/29/2007 5:37:00 PM
Aroclor 1221	U	90		µg/Kg-dry	1	6/29/2007 5:37:00 PM
Aroclor 1232	U	90		µg/Kg-dry	1	6/29/2007 5:37:00 PM
Aroclor 1242	U	90		µg/Kg-dry	1	6/29/2007 5:37:00 PM
Aroclor 1248	U	90		µg/Kg-dry	1	6/29/2007 5:37:00 PM
Aroclor 1254	U	90		µg/Kg-dry	1	6/29/2007 5:37:00 PM
Aroclor 1260	U	90		µg/Kg-dry	1	6/29/2007 5:37:00 PM
Surr: TCX	61.5	26-136		%REC	1	6/29/2007 5:37:00 PM
Surr: DCB	111	20-133		%REC	1	6/29/2007 5:37:00 PM
PESTICIDES SW-846 METHOD 8081		**SW8081B**		**SW3550**		Analyst: **MMR**
4,4'-DDD	8.7	5.7		µg/Kg-dry	1	7/5/2007 2:10:00 PM
4,4'-DDE	1.2	5.7	J	µg/Kg-dry	1	7/5/2007 2:10:00 PM
4,4'-DDT	0.40	5.7	J	µg/Kg-dry	1	7/5/2007 2:10:00 PM
Aldrin	U	5.7		µg/Kg-dry	1	7/5/2007 2:10:00 PM
alpha-BHC	U	5.7		µg/Kg-dry	1	7/5/2007 2:10:00 PM
beta-BHC	U	5.7		µg/Kg-dry	1	7/5/2007 2:10:00 PM
Chlordane	190	17		µg/Kg-dry	1	7/5/2007 2:10:00 PM
Chlorobenzilate	U	5.7		µg/Kg-dry	1	7/5/2007 2:10:00 PM
DBCP	U	5.7		µg/Kg-dry	1	7/5/2007 2:10:00 PM
delta-BHC	U	5.7		µg/Kg-dry	1	7/5/2007 2:10:00 PM
Dieldrin	U	5.7		µg/Kg-dry	1	7/5/2007 2:10:00 PM
Endosulfan I	U	5.7		µg/Kg-dry	1	7/5/2007 2:10:00 PM
Endosulfan II	U	5.7		µg/Kg-dry	1	7/5/2007 2:10:00 PM
Endosulfan sulfate	U	5.7		µg/Kg-dry	1	7/5/2007 2:10:00 PM
Endrin	U	5.7		µg/Kg-dry	1	7/5/2007 2:10:00 PM
Endrin aldehyde	U	5.7		µg/Kg-dry	1	7/5/2007 2:10:00 PM
Endrin ketone	U	5.7		µg/Kg-dry	1	7/5/2007 2:10:00 PM
gamma-BHC	19	5.7		µg/Kg-dry	1	7/5/2007 2:10:00 PM
Heptachlor	1.6	5.7	J	µg/Kg-dry	1	7/5/2007 2:10:00 PM
Heptachlor epoxide	U	5.7		µg/Kg-dry	1	7/5/2007 2:10:00 PM
Hexachlorobenzene	U	5.7		µg/Kg-dry	1	7/5/2007 2:10:00 PM
Hexachlorocyclopentadiene	U	5.7		µg/Kg-dry	1	7/5/2007 2:10:00 PM
Methoxychlor	U	5.7		µg/Kg-dry	1	7/5/2007 2:10:00 PM
Toxaphene	U	54		µg/Kg-dry	1	7/5/2007 2:10:00 PM
Surr: DCB	55.5	31-133		%REC	1	7/5/2007 2:10:00 PM
Surr: TCX	63.5	32-132		%REC	1	7/5/2007 2:10:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-3 {0-2'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007
Lab ID:	0706228-06A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE		**D2216**				Analyst: **CM**
Percent Moisture	11.7	0		wt%	1	6/25/2007
TARGET ANALYTE LIST METALS		**SW6010B**		**SW3050A**		Analyst: **JP**
Aluminum	10200	4.00		mg/Kg-dry	10	7/3/2007 1:39:44 PM
Antimony	U	0.500		mg/Kg-dry	1	7/3/2007 11:36:24 AM
Arsenic	3.16	0.500		mg/Kg-dry	1	7/3/2007 11:36:24 AM
Barium	47.6	0.400		mg/Kg-dry	1	7/3/2007 11:36:24 AM
Beryllium	U	0.400		mg/Kg-dry	1	7/3/2007 11:36:24 AM
Cadmium	U	0.200		mg/Kg-dry	1	7/3/2007 11:36:24 AM
Calcium	8570	0.500		mg/Kg-dry	1	7/3/2007 11:36:24 AM
Chromium	14.6	0.400		mg/Kg-dry	1	7/3/2007 11:36:24 AM
Cobalt	U	0.400		mg/Kg-dry	1	7/3/2007 11:36:24 AM
Copper	14.4	0.400		mg/Kg-dry	1	7/3/2007 11:36:24 AM
Iron	10800	4.00		mg/Kg-dry	10	7/3/2007 1:39:44 PM
Lead	64.6	0.300		mg/Kg-dry	1	7/3/2007 11:36:24 AM
Magnesium	4710	0.400		mg/Kg-dry	1	7/3/2007 11:36:24 AM
Manganese	172	0.400		mg/Kg-dry	1	7/3/2007 11:36:24 AM
Nickel	12.4	0.400		mg/Kg-dry	1	7/3/2007 11:36:24 AM
Potassium	1060	2.00		mg/Kg-dry	1	7/3/2007 11:36:24 AM
Selenium	U	0.500		mg/Kg-dry	1	7/3/2007 11:36:24 AM
Silver	U	0.400		mg/Kg-dry	1	7/3/2007 11:36:24 AM
Sodium	209	1.20		mg/Kg-dry	1	7/3/2007 11:36:24 AM
Thallium	U	0.400		mg/Kg-dry	1	7/3/2007 11:36:24 AM
Vanadium	18.8	0.400		mg/Kg-dry	1	7/3/2007 11:36:24 AM
Zinc	57.8	0.400		mg/Kg-dry	1	7/3/2007 11:36:24 AM
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
1,2,4-Trichlorobenzene	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
1,2-Dichlorobenzene	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
1,3-Dichlorobenzene	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
1,4-Dichlorobenzene	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
2,4,5-Trichlorophenol	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
2,4,6-Trichlorophenol	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
2,4-Dichlorophenol	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
2,4-Dimethylphenol	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
2,4-Dinitrophenol	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
2,4-Dinitrotoluene	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
2,6-Dinitrotoluene	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
2-Chloronaphthalene	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
2-Chlorophenol	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-3 {0-2'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007
Lab ID:	0706228-06A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
2-Methylnaphthalene	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
2-Methylphenol	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
2-Nitroaniline	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
2-Nitrophenol	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
3,3'-Dichlorobenzidine	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
3+4-Methylphenol	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
3-Nitroaniline	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
4,6-Dinitro-2-methylphenol	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
4-Bromophenyl phenyl ether	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
4-Chloro-3-methylphenol	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
4-Chloroaniline	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
4-Chlorophenyl phenyl ether	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
4-Nitroaniline	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
4-Nitrophenol	U	170		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Acenaphthene	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Acenaphthylene	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Aniline	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Anthracene	350	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Azobenzene	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Benzidine	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Benzo(a)anthracene	1200	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Benzo(a)pyrene	1200	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Benzo(b)fluoranthene	1100	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Benzo(g,h,i)perylene	690	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Benzo(k)fluoranthene	860	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Benzoic acid	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Benzyl alcohol	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Bis(2-chloroethoxy)methane	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Bis(2-chloroethyl)ether	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Bis(2-chloroisopropyl)ether	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Bis(2-ethylhexyl)phthalate	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Butyl benzyl phthalate	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Carbazole	190	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Chrysene	1400	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Dibenzo(a,h)anthracene	150	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Dibenzofuran	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Diethyl phthalate	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Dimethyl phthalate	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Di-n-butyl phthalate	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-3 {0-2'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007
Lab ID:	0706228-06A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
Di-n-octyl phthalate	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Fluoranthene	2900	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Fluorene	120	140	J	µg/Kg-dry	1	7/2/2007 4:53:00 PM
Hexachlorobenzene	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Hexachlorobutadiene	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Hexachlorocyclopentadiene	U	170		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Hexachloroethane	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Indeno(1,2,3-c,d)pyrene	770	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Isophorone	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Naphthalene	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Nitrobenzene	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
N-Nitrosodimethylamine	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
N-Nitrosodi-n-propylamine	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
N-Nitrosodiphenylamine	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Pentachlorophenol	U	170		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Phenanthrene	1700	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Phenol	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Pyrene	2700	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Pyridine	U	140		µg/Kg-dry	1	7/2/2007 4:53:00 PM
Surr: 2,4,6-Tribromophenol	49.1	22-124		%REC	1	7/2/2007 4:53:00 PM
Surr: 2-Fluorobiphenyl	56.3	27-119		%REC	1	7/2/2007 4:53:00 PM
Surr: 2-Fluorophenol	57.6	21-123		%REC	1	7/2/2007 4:53:00 PM
Surr: 4-Terphenyl-d14	54.8	28-126		%REC	1	7/2/2007 4:53:00 PM
Surr: Nitrobenzene-d5	53.4	21-118		%REC	1	7/2/2007 4:53:00 PM
Surr: Phenol-d6	60.5	18-129		%REC	1	7/2/2007 4:53:00 PM
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,1,1,2-Tetrachloroethane	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
1,1,1-Trichloroethane	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
1,1,2,2-Tetrachloroethane	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
1,1,2-Trichloroethane	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
1,1-Dichloroethane	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
1,1-Dichloroethene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
1,1-Dichloropropene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
1,2,3-Trichlorobenzene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
1,2,3-Trichloropropane	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
1,2,4,5-Tetramethylbenzene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
1,2,4-Trichlorobenzene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
1,2,4-Trimethylbenzene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-3 {0-2'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007
Lab ID:	0706228-06A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
1,2-Dibromo-3-chloropropane	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
1,2-Dibromoethane	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
1,2-Dichlorobenzene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
1,2-Dichloroethane	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
1,2-Dichloropropane	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
1,3,5-Trimethylbenzene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
1,3-Dichlorobenzene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
1,3-dichloropropane	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
1,4-Dichlorobenzene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
2,2-Dichloropropane	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
2-Butanone	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
2-Chloroethyl vinyl ether	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
2-Chlorotoluene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
2-Hexanone	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
2-Propanol	U	61		µg/Kg-dry	1	6/26/2007 2:24:00 PM
4-Chlorotoluene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
4-Isopropyltoluene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
4-Methyl-2-pentanone	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Acetone	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Acrolein	U	31		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Acrylonitrile	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Benzene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Bromobenzene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Bromochloromethane	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Bromodichloromethane	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Bromoform	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Bromomethane	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Carbon disulfide	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Carbon tetrachloride	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Chlorobenzene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Chlorodifluoromethane	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Chloroethane	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Chloroform	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Chloromethane	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
cis-1,2-Dichloroethene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
cis-1,3-Dichloropropene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Dibromochloromethane	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Dibromomethane	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Dichlorodifluoromethane	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *06-Jul-07*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	W-3 {0-2'}
Lab Order:	0706228	**Tag Number:**	
Project:	211-08 Northern Boulevard, Bayside	**Collection Date:**	6/22/2007
Lab ID:	0706228-06A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **MB**
Diisopropyl ether	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Ethanol	U	31		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Ethyl acetate	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Ethylbenzene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Freon-114	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Hexachlorobutadiene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Isopropyl acetate	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Isopropylbenzene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
m,p-Xylene	U	12		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Methyl tert-butyl ether	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Methylene chloride	35	6.1	B	µg/Kg-dry	1	6/26/2007 2:24:00 PM
n-Amyl acetate	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Naphthalene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
n-Butyl acetate	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
n-Butylbenzene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
n-Propyl acetate	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
n-Propylbenzene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
o-Xylene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
p-Diethylbenzene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
p-Ethyltoluene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
sec-Butylbenzene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Styrene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
t-Butyl alcohol	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
tert-Butylbenzene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Tetrachloroethene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Toluene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
trans-1,2-Dichloroethene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
trans-1,3-Dichloropropene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Trichloroethene	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Trichlorofluoromethane	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Vinyl acetate	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Vinyl chloride	U	6.1		µg/Kg-dry	1	6/26/2007 2:24:00 PM
Surr: 4-Bromofluorobenzene	88.2	61-133		%REC	1	6/26/2007 2:24:00 PM
Surr: Dibromofluoromethane	102	61-139		%REC	1	6/26/2007 2:24:00 PM
Surr: Toluene-d8	93.5	57-131		%REC	1	6/26/2007 2:24:00 PM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

AMERICAN ANALYTICAL LABORATORIES

NYSDOH 11418
NJDEP NY050
CTDOH PH-0205
PADEP 68-00573

Thursday, January 17, 2008

Jim DeMartinis
J.R. Holzmacher P.E. LLC
300 Wheeler Road
Suite 303
Hauppauge, NY 11788

TEL: (631) 234-2220
FAX (631) 234-2221

RE: Woodside, NY

Order No.: 0801134

Dear Jim DeMartinis:

American Analytical Laboratories, LLC. received 1 sample(s) on 1/11/2008 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 limits 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.

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
Lab Director

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735
(631) 454-6100 • FAX: (631) 454-8027

American Analytical Laboratories, LLC.

Date: *17-Jan-08*

CLIENT: J.R. Holzmacher P.E. LLC
Project: Woodside, NY
Lab Order: 0801134

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Date Collected	Date Received
0801134-01A	GW-4		1/11/2008	1/11/2008

AMERICAN ANALYTICAL LABORATORIES
56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735
(631) 454-6100 • FAX (631) 454-8027

TAG # / COC _____

NYSDOH	11418
CTDOH	PH-0205
NJDEP	NY050
PADEP	68-573

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS: J.R. Holzmacher

CONTACT: Jim DeMandris

SAMPLER (SIGNATURE):

SAMPLER NAME (PRINT):

SAMPLE(S) SEALED: YES / NO

CORRECT CONTAINER(S): YES / NO

PROJECT LOCATION: Woodside, New York

LABORATORY ID #	MATRIX	# CONTAINERS	SAMPLING DATE/ TIME	SAMPLE # - LOCATION	8260	8270 Stars												FOR METHANOL PRESERVED SAMPLES [VOLATILE VIAL #]
0801134-01A	L	3		GW-4	X	X												

ANALYSIS REQUIRED

COOLER TEMPERATURE:

MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL
TYPE G=GRAB; C=COMPOSITE, SS=SPLIT SPOON

TURNAROUND REQUIRED: NORMAL ☒ STAT ☐ BY / /

COMMENTS / INSTRUCTIONS

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
[signature]	DATE 1-11-08 TIME 2:60 pm		[signature]	DATE 1/11/08 TIME 1400	Gary Eppich
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC
56 TOLEDO STREET
FARMINGDALE, NEW YORK 11735
TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is 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. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	Indicates an estimated value. The 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 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
B	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes 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 higher of the two values is reported on Form I 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.
H	Indicates sample was received and/or analyzed outside of The method allowable holding time

American Analytical Laboratories, LLC.

Date: *17-Jan-08*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	GW-4
Lab Order:	0801134	**Tag Number:**	
Project:	Woodside, NY	**Collection Date:**	1/11/2008
Lab ID:	0801134-01A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270 (STARS)		**SW8270D**		**SW3510**		Analyst: **LA**
Acenaphthene	U	5.7		µg/L	1	1/16/2008 7:54:00 PM
Acenaphthylene	U	5.7		µg/L	1	1/16/2008 7:54:00 PM
Anthracene	U	5.7		µg/L	1	1/16/2008 7:54:00 PM
Benzo(a)anthracene	U	5.7		µg/L	1	1/16/2008 7:54:00 PM
Benzo(a)pyrene	U	5.7		µg/L	1	1/16/2008 7:54:00 PM
Benzo(b)fluoranthene	U	5.7		µg/L	1	1/16/2008 7:54:00 PM
Benzo(g,h,i)perylene	U	5.7		µg/L	1	1/16/2008 7:54:00 PM
Benzo(k)fluoranthene	U	5.7		µg/L	1	1/16/2008 7:54:00 PM
Chrysene	U	5.7		µg/L	1	1/16/2008 7:54:00 PM
Dibenzo(a,h)anthracene	U	5.7		µg/L	1	1/16/2008 7:54:00 PM
Fluoranthene	U	5.7		µg/L	1	1/16/2008 7:54:00 PM
Fluorene	U	5.7		µg/L	1	1/16/2008 7:54:00 PM
Indeno(1,2,3-c,d)pyrene	U	5.7		µg/L	1	1/16/2008 7:54:00 PM
Phenanthrene	U	5.7		µg/L	1	1/16/2008 7:54:00 PM
Pyrene	U	5.7		µg/L	1	1/16/2008 7:54:00 PM
Surr: 2-Fluorobiphenyl	69.5	18-124		%REC	1	1/16/2008 7:54:00 PM
Surr: 4-Terphenyl-d14	60.7	17-121		%REC	1	1/16/2008 7:54:00 PM
Surr: Nitrobenzene-d5	60.6	19-115		%REC	1	1/16/2008 7:54:00 PM
VOLATILE SW-846 METHOD 8260		**SW8260B**		**SW5030A**		Analyst: **LDS**
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
1,1,1-Trichloroethane	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
1,1,2-Trichloroethane	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
1,1-Dichloroethane	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
1,1-Dichloroethene	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
1,1-Dichloropropene	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
1,2,3-Trichloropropane	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
1,2,4,5-Tetramethylbenzene	1.4	1.0		µg/L	1	1/15/2008 7:20:00 AM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
1,2-Dibromoethane	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
1,2-Dichlorobenzene	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
1,2-Dichloroethane	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
1,2-Dichloropropane	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
1,3-Dichlorobenzene	U	1.0		µg/L	1	1/15/2008 7:20:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *17-Jan-08*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	GW-4
Lab Order:	0801134	**Tag Number:**	
Project:	Woodside, NY	**Collection Date:**	1/11/2008
Lab ID:	0801134-01A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**		**SW5030A**		Analyst: **LDS**
1,3-dichloropropane	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
1,4-Dichlorobenzene	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
1,4-Dioxane	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
2,2-Dichloropropane	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
2-Butanone	U	3.0		µg/L	1	1/15/2008 7:20:00 AM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
2-Chlorotoluene	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
2-Hexanone	U	2.0		µg/L	1	1/15/2008 7:20:00 AM
2-Propanol	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
4-Chlorotoluene	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
4-Isopropyltoluene	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
4-Methyl-2-pentanone	U	2.0		µg/L	1	1/15/2008 7:20:00 AM
Acetone	U	2.0		µg/L	1	1/15/2008 7:20:00 AM
Acrolein	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
Acrylonitrile	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
Benzene	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
Bromobenzene	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
Bromochloromethane	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
Bromodichloromethane	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
Bromoform	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
Bromomethane	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
Carbon disulfide	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
Carbon tetrachloride	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
Chlorobenzene	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
Chlorodifluoromethane	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
Chloroethane	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
Chloroform	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
Chloromethane	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
cis-1,2-Dichloroethene	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
Dibromochloromethane	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
Dibromomethane	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
Dichlorodifluoromethane	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
Diisopropyl ether	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
Ethanol	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
Ethyl acetate	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
Ethylbenzene	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
Freon-114	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
Hexachlorobutadiene	U	1.0		µg/L	1	1/15/2008 7:20:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *17-Jan-08*

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	GW-4
Lab Order:	0801134	**Tag Number:**	
Project:	Woodside, NY	**Collection Date:**	1/11/2008
Lab ID:	0801134-01A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**		**SW5030A**		Analyst: **LDS**
Isopropyl acetate	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
Isopropylbenzene	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
m,p-Xylene	U	2.0		µg/L	1	1/15/2008 7:20:00 AM
Methyl tert-butyl ether	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
Methylene chloride	4.1	1.0	B	µg/L	1	1/15/2008 7:20:00 AM
n-Amyl acetate	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
Naphthalene	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
n-Butyl acetate	U	2.0		µg/L	1	1/15/2008 7:20:00 AM
n-Butylbenzene	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
n-Propyl acetate	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
n-Propylbenzene	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
o-Xylene	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
p-Diethylbenzene	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
p-Ethyltoluene	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
sec-Butylbenzene	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
Styrene	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
t-Butyl alcohol	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
tert-Butylbenzene	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
Tetrachloroethene	0.62	1.0	J	µg/L	1	1/15/2008 7:20:00 AM
Toluene	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
trans-1,2-Dichloroethene	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
Trichloroethene	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
Trichlorofluoromethane	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
Vinyl acetate	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
Vinyl chloride	U	1.0		µg/L	1	1/15/2008 7:20:00 AM
Surr: 4-Bromofluorobenzene	106	54-134		%REC	1	1/15/2008 7:20:00 AM
Surr: Dibromofluoromethane	95.1	52-132		%REC	1	1/15/2008 7:20:00 AM
Surr: Toluene-d8	102	51-127		%REC	1	1/15/2008 7:20:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

AMERICAN ANALYTICAL LABORATORIES

NYSDOH 11418
NJDEP NY050
CTDOH PH-0205
PADEP 68-00573

Friday, April 13, 2012

Jim DeMartinis
J.R. Holzmacher P.E. LLC
300 Wheeler Road, Suite 402
Hauppauge, NY 11788

TEL: (631) 234-2220
FAX (631) 234-2221

RE: 211-08 Northern Blvd., Bayside, NY

Order No.: 1204061

Dear Jim DeMartinis:

American Analytical Laboratories, LLC. received 2 sample(s) on 4/5/2012 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. This package has been reviewed by American Analytical Laboratories' QA Department/Laboratory Director to comply with NELAC standards prior to report submittal. This report consists of 41 pages.

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
Lab Director

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735
(631) 454-6100 • FAX: (631) 454-8027

American Analytical Laboratories, LLC.

Date: *13-Apr-12*

CLIENT: J.R. Holzmacher P.E. LLC
Project: 211-08 Northern Blvd., Bayside, NY
Lab Order: 1204061

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date Collected	Date Received
1204061-01A	B-9 (0-2')	4/5/2012 11:10:00 AM	4/5/2012
1204061-01B	B-9 (0-2')	4/5/2012 11:10:00 AM	4/5/2012
1204061-02A	B-9 (20-22')	4/5/2012 11:25:00 AM	4/5/2012
1204061-02B	B-9 (20-22')	4/5/2012 11:25:00 AM	4/5/2012

AMERICAN ANALYTICAL LABORATORIES
56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735
(631) 454-6100 • FAX (631) 454-8027
www.american-analytical.com

NYSDOH	11418
CTDOH	PH-0205
NJDEP	NY050
PADEP	68-573

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS: J.R. Holzmacher

CONTACT: Jim DeMartinis

SAMPLER (SIGNATURE): Heather Sonnenberg

SAMPLER NAME (PRINT): Heather Sonnenberg

SAMPLE(S) SEALED: YES / NO

CORRECT CONTAINER(S): YES / NO

TEMPERATURE (° C) 7.8

PROJECT LOCATION: 211-08 Northern Blvd., Bayside, NY

LABORATORY ID# LAB USE ONLY	MATRIX/ TYPE	NO. OF CONTAINERS	SAMPLING DATE	SAMPLING TIME	SAMPLE # - LOCATION	8260 full	8270 full	8081/8082	TAL metals
1204061-01AB	S	2	4-5-12	11:10 AM	B-9 (0-2')	✓	✓	✓	✓
	S	2	4-5-12	11:25 AM	B-9 (20-22')	✓	✓	✓	✓

COMMENTS / INSTRUCTIONS

Samples must be on ICE (<6° C)

MATRIX S=SOIL; W=WATER; SL=SLUDGE; A=AIR; M=MISCELLANEOUS

TYPE G=GRAB; C=COMPOSITE

TURNAROUND REQUIRED: STANDARD ☒ (7-10 business days) STAT ☐ BY / /

E-MAIL ADDRESS FOR RESULTS:

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
Heather Sonnenberg	4-5-12 1:45pm	Heather Sonnenberg	P. Masi	4/5/12 1:45pm	P. Masi
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

American Analytical Laboratories, LLC.

Sample Receipt Checklist

Client Name **HOLZMACHER** Date and Time Receive **4/5/2012 2:40:06 PM**

Work Order Numbe **1204061** RcptNo: **1** Received by **PM**

COC_ID: CoolerID:

Checklist completed by C Tenaro 4/5/12 (Signature / Date) Reviewed by LAB 4/5/12 (Initials / Date)

Matrix: Carrier name Courier

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Presen ☐
Custody seals intact on shippping container/cooler?	Yes ☐	No ☐	Not Presen ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Presen ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Water - VOA vials have zero headspace?	No VOA vials submitted ☑	Yes ☐	No ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☐

Adjusted? _____ Checked b _____

Any No and/or NA (not applicable) response must be detailed in the comments section be

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments:

Corrective Action

American Analytical Laboratories, LLC.

Date: *13-Apr-12*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-9 (0-2')
Lab Order:	1204061	**Collection Date:**	4/5/2012 11:10:00 AM
Project:	211-08 Northern Blvd., Bayside, NY	**Matrix:**	SOIL
Lab ID:	1204061-01A		

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	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
1,1,1-Trichloroethane	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
1,1,2,2-Tetrachloroethane	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
1,1,2-Trichloroethane	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
1,1-Dichloroethane	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
1,1-Dichloroethene	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
1,1-Dichloropropene	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
1,2,3-Trichlorobenzene	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
1,2,3-Trichloropropane	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
1,2,4,5-Tetramethylbenzene	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
1,2,4-Trichlorobenzene	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
1,2,4-Trimethylbenzene	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
1,2-Dibromo-3-chloropropane	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
1,2-Dibromoethane	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
1,2-Dichlorobenzene	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
1,2-Dichloroethane	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
1,2-Dichloropropane	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
1,3,5-Trimethylbenzene	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
1,3-Dichlorobenzene	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
1,3-dichloropropane	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
1,4-Dichlorobenzene	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
1,4-Dioxane	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
2,2-Dichloropropane	U	0.55	5.5	C	µg/Kg-dry	1	4/5/2012 3:09:00 PM
2-Butanone	U	1.7	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
2-Chloroethyl vinyl ether	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
2-Chlorotoluene	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
2-Hexanone	U	1.7	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
2-Propanol	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
4-Chlorotoluene	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
4-Isopropyltoluene	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
4-Methyl-2-pentanone	U	1.7	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
Acetone	U	1.7	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed but not detected.		

American Analytical Laboratories, LLC.

Date: *13-Apr-12*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-9 (0-2')
Lab Order:	1204061	**Collection Date:**	4/5/2012 11:10:00 AM
Project:	211-08 Northern Blvd., Bayside, NY	**Matrix:**	SOIL
Lab ID:	1204061-01A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: LA
Acrolein	U	2.8	11		µg/Kg-dry	1	4/5/2012 3:09:00 PM
Acrylonitrile	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
Benzene	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
Bromobenzene	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
Bromochloromethane	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
Bromodichloromethane	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
Bromoform	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
Bromomethane	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
Carbon disulfide	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
Carbon tetrachloride	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
Chlorobenzene	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
Chlorodifluoromethane	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
Chloroethane	U	0.55	5.5	C	µg/Kg-dry	1	4/5/2012 3:09:00 PM
Chloroform	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
Chloromethane	U	0.55	5.5	C	µg/Kg-dry	1	4/5/2012 3:09:00 PM
cis-1,2-Dichloroethene	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
cis-1,3-Dichloropropene	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
Dibromochloromethane	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
Dibromomethane	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
Dichlorodifluoromethane	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
Diisopropyl ether	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
Ethanol	U	2.8	11		µg/Kg-dry	1	4/5/2012 3:09:00 PM
Ethyl acetate	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
Ethylbenzene	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
Freon-114	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
Hexachlorobutadiene	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
Isopropyl acetate	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
Isopropylbenzene	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
m,p-Xylene	U	1.1	11		µg/Kg-dry	1	4/5/2012 3:09:00 PM
Methyl Acetate	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
Methyl tert-butyl ether	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
Methylene chloride	5.3	0.55	5.5	JB	µg/Kg-dry	1	4/5/2012 3:09:00 PM
n-Amyl acetate	U	0.55	5.5	C	µg/Kg-dry	1	4/5/2012 3:09:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed but not detected.		

American Analytical Laboratories, LLC.

Date: *13-Apr-12*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-9 (0-2')
Lab Order:	1204061	**Collection Date:**	4/5/2012 11:10:00 AM
Project:	211-08 Northern Blvd., Bayside, NY	**Matrix:**	SOIL
Lab ID:	1204061-01A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: LA
Naphthalene	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
n-Butyl acetate	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
n-Butylbenzene	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
n-Propyl acetate	U	0.55	5.5	C	µg/Kg-dry	1	4/5/2012 3:09:00 PM
n-Propylbenzene	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
o-Xylene	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
p-Diethylbenzene	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
p-Ethyltoluene	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
sec-Butylbenzene	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
Styrene	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
t-Butyl alcohol	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
tert-Butylbenzene	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
Tetrachloroethene	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
Toluene	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
trans-1,2-Dichloroethene	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
trans-1,3-Dichloropropene	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
Trichloroethene	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
Trichlorofluoromethane	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
Vinyl acetate	U	0.55	5.5		µg/Kg-dry	1	4/5/2012 3:09:00 PM
Vinyl chloride	U	0.55	5.5	C	µg/Kg-dry	1	4/5/2012 3:09:00 PM
Surr: 4-Bromofluorobenzene	91.0	0	42-133		%REC	1	4/5/2012 3:09:00 PM
Surr: Dibromofluoromethane	92.8	0	50-133		%REC	1	4/5/2012 3:09:00 PM
Surr: Toluene-d8	96.0	0	53-130		%REC	1	4/5/2012 3:09:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed but not detected.		

American Analytical Laboratories, LLC.

Date: *13-Apr-12*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-9 (0-2')
Lab Order:	1204061	**Collection Date:**	4/5/2012 11:10:00 AM
Project:	211-08 Northern Blvd., Bayside, NY	**Matrix:**	SOIL
Lab ID:	1204061-01B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
MERCURY			**SW7471B**		**SW7471B**		Analyst: **JP**
Mercury	0.00677	0.005	0.0104	J	mg/Kg-dry	1	4/10/2012 3:34:40 PM
PCB'S AS AROCLORS SW-846 METHOD 8082			**SW8082A**		**SW3550C**		Analyst: **SB**
Aroclor 1016	U	1.10	44		µg/Kg-dry	1	4/7/2012 12:10:00 AM
Aroclor 1221	U	1.10	44		µg/Kg-dry	1	4/7/2012 12:10:00 AM
Aroclor 1232	U	1.10	44		µg/Kg-dry	1	4/7/2012 12:10:00 AM
Aroclor 1242	U	1.10	44		µg/Kg-dry	1	4/7/2012 12:10:00 AM
Aroclor 1248	U	1.10	44		µg/Kg-dry	1	4/7/2012 12:10:00 AM
Aroclor 1254	U	1.10	44		µg/Kg-dry	1	4/7/2012 12:10:00 AM
Aroclor 1260	U	1.10	44		µg/Kg-dry	1	4/7/2012 12:10:00 AM
Aroclor 1262	U	1.10	44		µg/Kg-dry	1	4/7/2012 12:10:00 AM
Aroclor 1268	U	1.10	44		µg/Kg-dry	1	4/7/2012 12:10:00 AM
Surr: TCX	111	0	17-151		%REC	1	4/7/2012 12:10:00 AM
Surr: DCB	34.7	0	16-152		%REC	1	4/7/2012 12:10:00 AM
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3550C**		Analyst: **SB**
4,4´-DDD	0.87	0.11	0.44		µg/Kg-dry	1	4/12/2012 11:42:00 PM
4,4´-DDE	2.6	0.11	0.44		µg/Kg-dry	1	4/12/2012 11:42:00 PM
4,4´-DDT	U	0.11	0.44		µg/Kg-dry	1	4/12/2012 11:42:00 PM
Aldrin	14	0.11	0.44		µg/Kg-dry	1	4/12/2012 11:42:00 PM
alpha-BHC	U	0.11	0.44		µg/Kg-dry	1	4/12/2012 11:42:00 PM
beta-BHC	U	0.11	0.44		µg/Kg-dry	1	4/12/2012 11:42:00 PM
Chlordane	67	0.28	1.1		µg/Kg-dry	1	4/12/2012 11:42:00 PM
Chlorobenzilate	U	0.11	0.44		µg/Kg-dry	1	4/12/2012 11:42:00 PM
DBCP	U	0.22	0.88		µg/Kg-dry	1	4/12/2012 11:42:00 PM
delta-BHC	U	0.11	0.44		µg/Kg-dry	1	4/12/2012 11:42:00 PM
Dieldrin	18	0.11	0.44		µg/Kg-dry	1	4/12/2012 11:42:00 PM
Endosulfan I	U	0.11	0.44		µg/Kg-dry	1	4/12/2012 11:42:00 PM
Endosulfan II	U	0.11	0.44		µg/Kg-dry	1	4/12/2012 11:42:00 PM
Endosulfan sulfate	U	0.11	0.44		µg/Kg-dry	1	4/12/2012 11:42:00 PM
Endrin	U	0.11	0.44		µg/Kg-dry	1	4/12/2012 11:42:00 PM
Endrin aldehyde	U	0.22	0.88		µg/Kg-dry	1	4/12/2012 11:42:00 PM
Endrin ketone	U	0.11	0.44		µg/Kg-dry	1	4/12/2012 11:42:00 PM
gamma-BHC	U	0.11	0.44		µg/Kg-dry	1	4/12/2012 11:42:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed but not detected.		

American Analytical Laboratories, LLC.

Date: *13-Apr-12*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-9 (0-2')
Lab Order:	1204061	**Collection Date:**	4/5/2012 11:10:00 AM
Project:	211-08 Northern Blvd., Bayside, NY	**Matrix:**	SOIL
Lab ID:	1204061-01B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3550C**		Analyst: **SB**
Heptachlor	3.4	0.11	0.44	P	µg/Kg-dry	1	4/12/2012 11:42:00 PM
Heptachlor epoxide	3.2	0.11	0.44	P	µg/Kg-dry	1	4/12/2012 11:42:00 PM
Hexachlorobenzene	U	0.11	0.44		µg/Kg-dry	1	4/12/2012 11:42:00 PM
Hexachlorocyclopentadiene	U	0.11	0.44		µg/Kg-dry	1	4/12/2012 11:42:00 PM
Methoxychlor	U	0.11	0.44		µg/Kg-dry	1	4/12/2012 11:42:00 PM
Toxaphene	U	2.75	11		µg/Kg-dry	1	4/12/2012 11:42:00 PM
Surr: DCB	72.1	0	23-157		%REC	1	4/12/2012 11:42:00 PM
Surr: TCX	42.2	0	21-151		%REC	1	4/12/2012 11:42:00 PM
PERCENT MOISTURE			**D2216**				Analyst: **KK**
Percent Moisture	9.37	0	0		wt%	1	4/6/2012
TARGET ANALYTE LIST METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Aluminum	4300	0.10	0.412		mg/Kg-dry	1	4/6/2012 12:34:10 PM
Antimony	U	0.21	0.515		mg/Kg-dry	1	4/6/2012 12:34:10 PM
Arsenic	1.24	0.21	0.515		mg/Kg-dry	1	4/6/2012 12:34:10 PM
Barium	22.9	0.21	0.412		mg/Kg-dry	1	4/6/2012 12:34:10 PM
Beryllium	U	0.10	0.412		mg/Kg-dry	1	4/6/2012 12:34:10 PM
Cadmium	U	0.10	0.412		mg/Kg-dry	1	4/6/2012 12:34:10 PM
Calcium	7460	0.21	0.515		mg/Kg-dry	1	4/6/2012 12:34:10 PM
Chromium	18.4	0.10	0.412		mg/Kg-dry	1	4/6/2012 12:34:10 PM
Cobalt	0.398	0.10	0.412	J	mg/Kg-dry	1	4/6/2012 12:34:10 PM
Copper	9.38	0.10	0.412		mg/Kg-dry	1	4/6/2012 12:34:10 PM
Iron	13400	2.06	4.12		mg/Kg-dry	10	4/6/2012 12:38:13 PM
Lead	10.2	0.21	0.412		mg/Kg-dry	1	4/6/2012 12:34:10 PM
Magnesium	3480	0.10	0.412		mg/Kg-dry	1	4/6/2012 12:34:10 PM
Manganese	219	0.10	0.412		mg/Kg-dry	1	4/6/2012 12:34:10 PM
Nickel	17.7	0.10	0.412		mg/Kg-dry	1	4/6/2012 12:34:10 PM
Potassium	976	0.21	0.515		mg/Kg-dry	1	4/6/2012 12:34:10 PM
Selenium	U	0.21	0.515		mg/Kg-dry	1	4/6/2012 12:34:10 PM
Silver	U	0.10	0.412		mg/Kg-dry	1	4/6/2012 12:34:10 PM
Sodium	47.6	0.21	0.515		mg/Kg-dry	1	4/6/2012 12:34:10 PM
Thallium	U	0.31	0.515		mg/Kg-dry	1	4/6/2012 12:34:10 PM
Vanadium	17.5	0.10	0.412		mg/Kg-dry	1	4/6/2012 12:34:10 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

ACCREDITED IN ACCORDANCE WITH nelac

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed but not detected.		

American Analytical Laboratories, LLC.

Date: *13-Apr-12*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-9 (0-2')
Lab Order:	1204061	**Collection Date:**	4/5/2012 11:10:00 AM
Project:	211-08 Northern Blvd., Bayside, NY	**Matrix:**	SOIL
Lab ID:	1204061-01B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
TARGET ANALYTE LIST METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Zinc	25.2	0.10	0.412		mg/Kg-dry	1	4/6/2012 12:34:10 PM
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3550C**		Analyst: **LDS**
1,2,4-Trichlorobenzene	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
1,2-Dichlorobenzene	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
1,3-Dichlorobenzene	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
1,4-Dichlorobenzene	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
2,4,5-Trichlorophenol	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
2,4,6-Trichlorophenol	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
2,4-Dichlorophenol	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
2,4-Dimethylphenol	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
2,4-Dinitrophenol	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
2,4-Dinitrotoluene	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
2,6-Dinitrotoluene	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
2-Chloronaphthalene	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
2-Chlorophenol	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
2-Methylnaphthalene	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
2-Methylphenol	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
2-Nitroaniline	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
2-Nitrophenol	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
3,3'-Dichlorobenzidine	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
3+4-Methylphenol	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
3-Nitroaniline	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
4,6-Dinitro-2-methylphenol	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
4-Bromophenyl phenyl ether	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
4-Chloro-3-methylphenol	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
4-Chloroaniline	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
4-Chlorophenyl phenyl ether	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
4-Nitroaniline	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
4-Nitrophenol	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
Acenaphthene	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
Acenaphthylene	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
Acetophenone	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed but not detected.		

American Analytical Laboratories, LLC.

Date: *13-Apr-12*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-9 (0-2')
Lab Order:	1204061	**Collection Date:**	4/5/2012 11:10:00 AM
Project:	211-08 Northern Blvd., Bayside, NY	**Matrix:**	SOIL
Lab ID:	1204061-01B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3550C**		Analyst: **LDS**
Aniline	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
Anthracene	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
Atrazine	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
Azobenzene	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
Benzaldehyde	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
Benzidine	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
Benzo(a)anthracene	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
Benzo(a)pyrene	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
Benzo(b)fluoranthene	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
Benzo(g,h,i)perylene	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
Benzo(k)fluoranthene	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
Benzoic acid	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
Benzyl alcohol	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
Biphenyl	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
Bis(2-chloroethoxy)methane	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
Bis(2-chloroethyl)ether	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
Bis(2-chloroisopropyl)ether	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
Bis(2-ethylhexyl)phthalate	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
Butyl benzyl phthalate	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
Caprolactam	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
Carbazole	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
Chrysene	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
Dibenzo(a,h)anthracene	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
Dibenzofuran	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
Diethyl phthalate	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
Dimethyl phthalate	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
Di-n-butyl phthalate	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
Di-n-octyl phthalate	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
Fluoranthene	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
Fluorene	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
Hexachlorobenzene	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
Hexachlorobutadiene	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
Hexachlorocyclopentadiene	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
LOQ	Limit of Quantitation
PQL	Practical Quantitation Limit
U	Indicates the compound was analyzed but not detected.
C	Calibration %RSD/%D exceeded for non-CCC analytes
H	Holding times for preparation or analysis exceeded
LOD	Limit of Detection
P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits

American Analytical Laboratories, LLC.

Date: *13-Apr-12*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-9 (0-2')
Lab Order:	1204061	**Collection Date:**	4/5/2012 11:10:00 AM
Project:	211-08 Northern Blvd., Bayside, NY	**Matrix:**	SOIL
Lab ID:	1204061-01B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3550C**		Analyst: **LDS**
Hexachloroethane	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
Indeno(1,2,3-c,d)pyrene	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
Isophorone	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
Naphthalene	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
Nitrobenzene	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
N-Nitrosodimethylamine	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
N-Nitrosodi-n-propylamine	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
N-Nitrosodiphenylamine	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
Parathion	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
Pentachlorophenol	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
Phenanthrene	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
Phenol	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
Pyrene	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
Pyridine	U	27.6	280		µg/Kg-dry	1	4/6/2012 3:48:00 PM
Surr: 2,4,6-Tribromophenol	29.7	0	21-119		%REC	1	4/6/2012 3:48:00 PM
Surr: 2-Fluorobiphenyl	37.2	0	21-117		%REC	1	4/6/2012 3:48:00 PM
Surr: 2-Fluorophenol	12.4	0	11-105		%REC	1	4/6/2012 3:48:00 PM
Surr: 4-Terphenyl-d14	37.0	0	21-132		%REC	1	4/6/2012 3:48:00 PM
Surr: Nitrobenzene-d5	24.5	0	18-116		%REC	1	4/6/2012 3:48:00 PM
Surr: Phenol-d6	18.6	0	12-110		%REC	1	4/6/2012 3:48:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed but not detected.		

American Analytical Laboratories, LLC.

Date: *13-Apr-12*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-9 (20-22')
Lab Order:	1204061	**Collection Date:**	4/5/2012 11:25:00 AM
Project:	211-08 Northern Blvd., Bayside, NY	**Matrix:**	SOIL
Lab ID:	1204061-02A		

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	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
1,1,1-Trichloroethane	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
1,1,2,2-Tetrachloroethane	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
1,1,2-Trichloroethane	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
1,1-Dichloroethane	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
1,1-Dichloroethene	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
1,1-Dichloropropene	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
1,2,3-Trichlorobenzene	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
1,2,3-Trichloropropane	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
1,2,4,5-Tetramethylbenzene	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
1,2,4-Trichlorobenzene	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
1,2,4-Trimethylbenzene	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
1,2-Dibromo-3-chloropropane	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
1,2-Dibromoethane	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
1,2-Dichlorobenzene	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
1,2-Dichloroethane	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
1,2-Dichloropropane	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
1,3,5-Trimethylbenzene	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
1,3-Dichlorobenzene	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
1,3-dichloropropane	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
1,4-Dichlorobenzene	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
1,4-Dioxane	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
2,2-Dichloropropane	U	0.51	5.1	C	µg/Kg-dry	1	4/5/2012 3:33:00 PM
2-Butanone	U	1.5	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
2-Chloroethyl vinyl ether	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
2-Chlorotoluene	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
2-Hexanone	U	1.5	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
2-Propanol	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
4-Chlorotoluene	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
4-Isopropyltoluene	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
4-Methyl-2-pentanone	U	1.5	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
Acetone	U	1.5	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed but not detected.		

American Analytical Laboratories, LLC.

Date: *13-Apr-12*

ELAP ID : 11418

CLIENT: J.R. Holzmacher P.E. LLC
Lab Order: 1204061
Project: 211-08 Northern Blvd., Bayside, NY
Lab ID: 1204061-02A

Client Sample ID: B-9 (20-22')
Collection Date: 4/5/2012 11:25:00 AM
Matrix: SOIL

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: LA
Acrolein	U	2.6	10		µg/Kg-dry	1	4/5/2012 3:33:00 PM
Acrylonitrile	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
Benzene	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
Bromobenzene	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
Bromochloromethane	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
Bromodichloromethane	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
Bromoform	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
Bromomethane	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
Carbon disulfide	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
Carbon tetrachloride	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
Chlorobenzene	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
Chlorodifluoromethane	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
Chloroethane	U	0.51	5.1	C	µg/Kg-dry	1	4/5/2012 3:33:00 PM
Chloroform	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
Chloromethane	U	0.51	5.1	C	µg/Kg-dry	1	4/5/2012 3:33:00 PM
cis-1,2-Dichloroethene	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
cis-1,3-Dichloropropene	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
Dibromochloromethane	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
Dibromomethane	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
Dichlorodifluoromethane	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
Diisopropyl ether	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
Ethanol	U	2.6	10		µg/Kg-dry	1	4/5/2012 3:33:00 PM
Ethyl acetate	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
Ethylbenzene	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
Freon-114	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
Hexachlorobutadiene	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
Isopropyl acetate	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
Isopropylbenzene	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
m,p-Xylene	U	1	10		µg/Kg-dry	1	4/5/2012 3:33:00 PM
Methyl Acetate	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
Methyl tert-butyl ether	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
Methylene chloride	4.4	0.51	5.1	JB	µg/Kg-dry	1	4/5/2012 3:33:00 PM
n-Amyl acetate	U	0.51	5.1	C	µg/Kg-dry	1	4/5/2012 3:33:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed but not detected.		

American Analytical Laboratories, LLC.

Date: *13-Apr-12*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-9 (20-22')
Lab Order:	1204061	**Collection Date:**	4/5/2012 11:25:00 AM
Project:	211-08 Northern Blvd., Bayside, NY	**Matrix:**	SOIL
Lab ID:	1204061-02A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
Naphthalene	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
n-Butyl acetate	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
n-Butylbenzene	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
n-Propyl acetate	U	0.51	5.1	C	µg/Kg-dry	1	4/5/2012 3:33:00 PM
n-Propylbenzene	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
o-Xylene	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
p-Diethylbenzene	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
p-Ethyltoluene	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
sec-Butylbenzene	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
Styrene	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
t-Butyl alcohol	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
tert-Butylbenzene	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
Tetrachloroethene	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
Toluene	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
trans-1,2-Dichloroethene	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
trans-1,3-Dichloropropene	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
Trichloroethene	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
Trichlorofluoromethane	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
Vinyl acetate	U	0.51	5.1		µg/Kg-dry	1	4/5/2012 3:33:00 PM
Vinyl chloride	U	0.51	5.1	C	µg/Kg-dry	1	4/5/2012 3:33:00 PM
Surr: 4-Bromofluorobenzene	87.8	0	42-133		%REC	1	4/5/2012 3:33:00 PM
Surr: Dibromofluoromethane	85.4	0	50-133		%REC	1	4/5/2012 3:33:00 PM
Surr: Toluene-d8	95.7	0	53-130		%REC	1	4/5/2012 3:33:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed but not detected.		

American Analytical Laboratories, LLC.

Date: *13-Apr-12*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-9 (20-22')
Lab Order:	1204061	**Collection Date:**	4/5/2012 11:25:00 AM
Project:	211-08 Northern Blvd., Bayside, NY	**Matrix:**	SOIL
Lab ID:	1204061-02B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
MERCURY			**SW7471B**		**SW7471B**		Analyst: **JP**
Mercury	U	0.004	0.00713		mg/Kg-dry	1	4/10/2012 3:36:47 PM
PCB'S AS AROCLORS SW-846 METHOD 8082			**SW8082A**		**SW3550C**		Analyst: **SB**
Aroclor 1016	U	1.02	41		µg/Kg-dry	1	4/7/2012 12:34:00 AM
Aroclor 1221	U	1.02	41		µg/Kg-dry	1	4/7/2012 12:34:00 AM
Aroclor 1232	U	1.02	41		µg/Kg-dry	1	4/7/2012 12:34:00 AM
Aroclor 1242	U	1.02	41		µg/Kg-dry	1	4/7/2012 12:34:00 AM
Aroclor 1248	U	1.02	41		µg/Kg-dry	1	4/7/2012 12:34:00 AM
Aroclor 1254	U	1.02	41		µg/Kg-dry	1	4/7/2012 12:34:00 AM
Aroclor 1260	U	1.02	41		µg/Kg-dry	1	4/7/2012 12:34:00 AM
Aroclor 1262	U	1.02	41		µg/Kg-dry	1	4/7/2012 12:34:00 AM
Aroclor 1268	U	1.02	41		µg/Kg-dry	1	4/7/2012 12:34:00 AM
Surr: TCX	110	0	17-151		%REC	1	4/7/2012 12:34:00 AM
Surr: DCB	27.3	0	16-152		%REC	1	4/7/2012 12:34:00 AM
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3550C**		Analyst: **SB**
4,4´-DDD	U	0.10	0.41		µg/Kg-dry	1	4/12/2012 11:57:00 PM
4,4´-DDE	0.11	0.10	0.41	J	µg/Kg-dry	1	4/12/2012 11:57:00 PM
4,4´-DDT	0.27	0.10	0.41	J	µg/Kg-dry	1	4/12/2012 11:57:00 PM
Aldrin	0.52	0.10	0.41	P	µg/Kg-dry	1	4/12/2012 11:57:00 PM
alpha-BHC	U	0.10	0.41		µg/Kg-dry	1	4/12/2012 11:57:00 PM
beta-BHC	U	0.10	0.41		µg/Kg-dry	1	4/12/2012 11:57:00 PM
Chlordane	14	0.26	1.0		µg/Kg-dry	1	4/12/2012 11:57:00 PM
Chlorobenzilate	U	0.10	0.41		µg/Kg-dry	1	4/12/2012 11:57:00 PM
DBCP	U	0.20	0.82		µg/Kg-dry	1	4/12/2012 11:57:00 PM
delta-BHC	U	0.10	0.41		µg/Kg-dry	1	4/12/2012 11:57:00 PM
Dieldrin	0.63	0.10	0.41	P	µg/Kg-dry	1	4/12/2012 11:57:00 PM
Endosulfan I	U	0.10	0.41		µg/Kg-dry	1	4/12/2012 11:57:00 PM
Endosulfan II	U	0.10	0.41		µg/Kg-dry	1	4/12/2012 11:57:00 PM
Endosulfan sulfate	U	0.10	0.41		µg/Kg-dry	1	4/12/2012 11:57:00 PM
Endrin	U	0.10	0.41		µg/Kg-dry	1	4/12/2012 11:57:00 PM
Endrin aldehyde	U	0.20	0.82		µg/Kg-dry	1	4/12/2012 11:57:00 PM
Endrin ketone	U	0.10	0.41		µg/Kg-dry	1	4/12/2012 11:57:00 PM
gamma-BHC	U	0.10	0.41		µg/Kg-dry	1	4/12/2012 11:57:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed but not detected.		

American Analytical Laboratories, LLC.

Date: *13-Apr-12*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-9 (20-22')
Lab Order:	1204061	**Collection Date:**	4/5/2012 11:25:00 AM
Project:	211-08 Northern Blvd., Bayside, NY	**Matrix:**	SOIL
Lab ID:	1204061-02B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3550C**		Analyst: **SB**
Heptachlor	1.6	0.10	0.41		µg/Kg-dry	1	4/12/2012 11:57:00 PM
Heptachlor epoxide	0.59	0.10	0.41	P	µg/Kg-dry	1	4/12/2012 11:57:00 PM
Hexachlorobenzene	U	0.10	0.41		µg/Kg-dry	1	4/12/2012 11:57:00 PM
Hexachlorocyclopentadiene	U	0.10	0.41		µg/Kg-dry	1	4/12/2012 11:57:00 PM
Methoxychlor	U	0.10	0.41		µg/Kg-dry	1	4/12/2012 11:57:00 PM
Toxaphene	U	2.55	10		µg/Kg-dry	1	4/12/2012 11:57:00 PM
Surr: DCB	90.4	0	23-157		%REC	1	4/12/2012 11:57:00 PM
Surr: TCX	65.7	0	21-151		%REC	1	4/12/2012 11:57:00 PM
PERCENT MOISTURE			**D2216**				Analyst: **KK**
Percent Moisture	4.59	0	0		wt%	1	4/6/2012
TARGET ANALYTE LIST METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Aluminum	2580	0.1	0.397		mg/Kg-dry	1	4/6/2012 12:36:11 PM
Antimony	U	0.2	0.496		mg/Kg-dry	1	4/6/2012 12:36:11 PM
Arsenic	0.479	0.2	0.496	J	mg/Kg-dry	1	4/6/2012 12:36:11 PM
Barium	16.6	0.2	0.397		mg/Kg-dry	1	4/6/2012 12:36:11 PM
Beryllium	U	0.1	0.397		mg/Kg-dry	1	4/6/2012 12:36:11 PM
Cadmium	U	0.1	0.397		mg/Kg-dry	1	4/6/2012 12:36:11 PM
Calcium	694	0.2	0.496		mg/Kg-dry	1	4/6/2012 12:36:11 PM
Chromium	6.79	0.1	0.397		mg/Kg-dry	1	4/6/2012 12:36:11 PM
Cobalt	U	0.1	0.397		mg/Kg-dry	1	4/6/2012 12:36:11 PM
Copper	5.29	0.1	0.397		mg/Kg-dry	1	4/6/2012 12:36:11 PM
Iron	6540	1.99	3.97		mg/Kg-dry	10	4/6/2012 12:40:15 PM
Lead	1.96	0.2	0.397		mg/Kg-dry	1	4/6/2012 12:36:11 PM
Magnesium	1090	0.1	0.397		mg/Kg-dry	1	4/6/2012 12:36:11 PM
Manganese	157	0.1	0.397		mg/Kg-dry	1	4/6/2012 12:36:11 PM
Nickel	5.61	0.1	0.397		mg/Kg-dry	1	4/6/2012 12:36:11 PM
Potassium	410	0.2	0.496		mg/Kg-dry	1	4/6/2012 12:36:11 PM
Selenium	U	0.2	0.496		mg/Kg-dry	1	4/6/2012 12:36:11 PM
Silver	U	0.1	0.397		mg/Kg-dry	1	4/6/2012 12:36:11 PM
Sodium	51.4	0.2	0.496		mg/Kg-dry	1	4/6/2012 12:36:11 PM
Thallium	U	0.3	0.496		mg/Kg-dry	1	4/6/2012 12:36:11 PM
Vanadium	7.31	0.1	0.397		mg/Kg-dry	1	4/6/2012 12:36:11 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed but not detected.		

American Analytical Laboratories, LLC.

Date: *13-Apr-12*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-9 (20-22')
Lab Order:	1204061	**Collection Date:**	4/5/2012 11:25:00 AM
Project:	211-08 Northern Blvd., Bayside, NY	**Matrix:**	SOIL
Lab ID:	1204061-02B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
TARGET ANALYTE LIST METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Zinc	10.8	0.1	0.397		mg/Kg-dry	1	4/6/2012 12:36:11 PM
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3550C**		Analyst: **LDS**
1,2,4-Trichlorobenzene	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
1,2-Dichlorobenzene	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
1,3-Dichlorobenzene	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
1,4-Dichlorobenzene	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
2,4,5-Trichlorophenol	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
2,4,6-Trichlorophenol	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
2,4-Dichlorophenol	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
2,4-Dimethylphenol	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
2,4-Dinitrophenol	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
2,4-Dinitrotoluene	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
2,6-Dinitrotoluene	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
2-Chloronaphthalene	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
2-Chlorophenol	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
2-Methylnaphthalene	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
2-Methylphenol	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
2-Nitroaniline	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
2-Nitrophenol	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
3,3'-Dichlorobenzidine	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
3+4-Methylphenol	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
3-Nitroaniline	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
4,6-Dinitro-2-methylphenol	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
4-Bromophenyl phenyl ether	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
4-Chloro-3-methylphenol	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
4-Chloroaniline	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
4-Chlorophenyl phenyl ether	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
4-Nitroaniline	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
4-Nitrophenol	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
Acenaphthene	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
Acenaphthylene	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
Acetophenone	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed but not detected.		

American Analytical Laboratories, LLC.

Date: *13-Apr-12*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-9 (20-22')
Lab Order:	1204061	**Collection Date:**	4/5/2012 11:25:00 AM
Project:	211-08 Northern Blvd., Bayside, NY	**Matrix:**	SOIL
Lab ID:	1204061-02B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3550C**		Analyst: **LDS**
Aniline	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
Anthracene	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
Atrazine	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
Azobenzene	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
Benzaldehyde	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
Benzidine	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
Benzo(a)anthracene	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
Benzo(a)pyrene	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
Benzo(b)fluoranthene	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
Benzo(g,h,i)perylene	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
Benzo(k)fluoranthene	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
Benzoic acid	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
Benzyl alcohol	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
Biphenyl	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
Bis(2-chloroethoxy)methane	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
Bis(2-chloroethyl)ether	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
Bis(2-chloroisopropyl)ether	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
Bis(2-ethylhexyl)phthalate	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
Butyl benzyl phthalate	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
Caprolactam	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
Carbazole	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
Chrysene	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
Dibenzo(a,h)anthracene	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
Dibenzofuran	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
Diethyl phthalate	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
Dimethyl phthalate	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
Di-n-butyl phthalate	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
Di-n-octyl phthalate	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
Fluoranthene	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
Fluorene	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
Hexachlorobenzene	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
Hexachlorobutadiene	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
Hexachlorocyclopentadiene	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed but not detected.		

American Analytical Laboratories, LLC.

Date: *13-Apr-12*

ELAP ID : 11418

CLIENT:	J.R. Holzmacher P.E. LLC	**Client Sample ID:**	B-9 (20-22')
Lab Order:	1204061	**Collection Date:**	4/5/2012 11:25:00 AM
Project:	211-08 Northern Blvd., Bayside, NY	**Matrix:**	SOIL
Lab ID:	1204061-02B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3550C**		Analyst: **LDS**
Hexachloroethane	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
Indeno(1,2,3-c,d)pyrene	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
Isophorone	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
Naphthalene	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
Nitrobenzene	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
N-Nitrosodimethylamine	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
N-Nitrosodi-n-propylamine	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
N-Nitrosodiphenylamine	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
Parathion	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
Pentachlorophenol	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
Phenanthrene	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
Phenol	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
Pyrene	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
Pyridine	U	26.2	260		µg/Kg-dry	1	4/6/2012 4:39:00 PM
Surr: 2,4,6-Tribromophenol	35.4	0	21-119		%REC	1	4/6/2012 4:39:00 PM
Surr: 2-Fluorobiphenyl	40.5	0	21-117		%REC	1	4/6/2012 4:39:00 PM
Surr: 2-Fluorophenol	12.9	0	11-105		%REC	1	4/6/2012 4:39:00 PM
Surr: 4-Terphenyl-d14	41.0	0	21-132		%REC	1	4/6/2012 4:39:00 PM
Surr: Nitrobenzene-d5	25.5	0	18-116		%REC	1	4/6/2012 4:39:00 PM
Surr: Phenol-d6	18.0	0	12-110		%REC	1	4/6/2012 4:39:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed but not detected.		

American Analytical Laboratories, LLC.

Date: *13-Apr-12*

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1204061
Project: 211-08 Northern Blvd., Bayside, NY

ANALYTICAL QC SUMMARY REPORT

TestCode: DRY_TAL_MET

Sample ID: **MBS040612A** SampType: **MBLK** TestCode: **DRY_TAL_M** Units: **mg/Kg** Prep Date: **4/6/2012** RunNo: **62869**
Client ID: **PBS** Batch ID: **35319** TestNo: **SW6010C SW3050B** Analysis Date: **4/6/2012** SeqNo: **882319**

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									

Sample ID: **LCSS040612A** SampType: **LCS** TestCode: **DRY_TAL_M** Units: **mg/Kg** Prep Date: **4/6/2012** RunNo: **62869**
Client ID: **LCSS** Batch ID: **35319** TestNo: **SW6010C SW3050B** Analysis Date: **4/6/2012** SeqNo: **882320**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	40.5	0.400	40.00	0	101	80	120				
Antimony	41.8	0.500	40.00	0	104	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	H	Holding times for preparation or analy
J	Analyte detected below quantitation limits	P	>40% diff for detected conc between the two GC column	PQL	Practical Quantitation Limit
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1204061
Project: 211-08 Northern Blvd., Bayside, NY

ANALYTICAL QC SUMMARY REPORT

TestCode: DRY_TAL_MET

Sample ID: **LCSS040612A** SampType: **LCS** TestCode: **DRY_TAL_M** Units: **mg/Kg** Prep Date: **4/6/2012** RunNo: **62869**
Client ID: **LCSS** Batch ID: **35319** TestNo: **SW6010C** **SW3050B** Analysis Date: **4/6/2012** SeqNo: **882320**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	40.1	0.500	40.00	0	100	80	120				
Barium	42.2	0.400	40.00	0	106	80	120				
Beryllium	41.7	0.400	40.00	0	104	80	120				
Cadmium	42.1	0.400	40.00	0	105	80	120				
Calcium	40.7	0.500	40.00	0	102	80	120				
Chromium	41.8	0.400	40.00	0	104	80	120				
Cobalt	41.7	0.400	40.00	0	104	80	120				
Copper	39.9	0.400	40.00	0	99.9	80	120				
Iron	42.2	0.400	40.00	0	105	80	120				
Lead	41.9	0.400	40.00	0	105	80	120				
Magnesium	41.3	0.400	40.00	0	103	80	120				
Manganese	41.1	0.400	40.00	0	103	80	120				
Nickel	42.2	0.400	40.00	0	106	80	120				
Potassium	411	0.500	400.0	0	103	80	120				
Selenium	40.9	0.500	40.00	0	102	80	120				
Silver	40.2	0.400	40.00	0	101	80	120				
Sodium	42.2	0.500	40.00	0	106	80	120				
Thallium	39.0	0.500	40.00	0	97.4	80	120				
Vanadium	42.1	0.400	40.00	0	105	80	120				
Zinc	41.3	0.400	40.00	0	103	80	120				

Sample ID: **MBS040612A** SampType: **MBLK** TestCode: **DRY_TAL_M** Units: **mg/Kg** Prep Date: **4/6/2012** RunNo: **62887**
Client ID: **PBS** Batch ID: **35319** TestNo: **SW6010C** **SW3050B** Analysis Date: **4/10/2012** SeqNo: **882567**

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									

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	H	Holding times for preparation or analy
J	Analyte detected below quantitation limits	P	>40% diff for detected conc between the two GC column	PQL	Practical Quantitation Limit
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1204061
Project: 211-08 Northern Blvd., Bayside, NY

ANALYTICAL QC SUMMARY REPORT

TestCode: DRY_TAL_MET

Sample ID: **MBS040612A** SampType: **MBLK** TestCode: **DRY_TAL_M** Units: **mg/Kg** Prep Date: **4/6/2012** RunNo: **62887**
Client ID: **PBS** Batch ID: **35319** TestNo: **SW6010C** **SW3050B** Analysis Date: **4/10/2012** SeqNo: **882567**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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									

Sample ID: **LCSS040612A** SampType: **LCS** TestCode: **DRY_TAL_M** Units: **mg/Kg** Prep Date: **4/6/2012** RunNo: **62887**
Client ID: **LCSS** Batch ID: **35319** TestNo: **SW6010C** **SW3050B** Analysis Date: **4/10/2012** SeqNo: **882568**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	41.9	0.400	40.00	0	105	80	120				
Antimony	42.4	0.500	40.00	0	106	80	120				
Arsenic	42.4	0.500	40.00	0	106	80	120				
Barium	41.8	0.400	40.00	0	105	80	120				
Beryllium	42.4	0.400	40.00	0	106	80	120				
Cadmium	42.4	0.400	40.00	0	106	80	120				
Calcium	42.4	0.500	40.00	0	106	80	120				
Chromium	42.1	0.400	40.00	0	105	80	120				
Cobalt	42.3	0.400	40.00	0	106	80	120				
Copper	42.0	0.400	40.00	0	105	80	120				

Qualifiers:
B Analyte detected in the associated Method Blank
J Analyte detected below quantitation limits
R RPD outside accepted recovery limits
C Calibration %RSD/%D exceeded for non-CCC analytes
P >40% diff for detected conc between the two GC column
S Spike Recovery outside accepted recovery limits
H Holding times for preparation or analy
PQL Practical Quantitation Limit
U Indicates the compound was analyzed

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1204061
Project: 211-08 Northern Blvd., Bayside, NY

ANALYTICAL QC SUMMARY REPORT

TestCode: DRY_TAL_MET

Sample ID: **LCSS040612A** SampType: **LCS** TestCode: **DRY_TAL_M** Units: **mg/Kg** Prep Date: **4/6/2012** RunNo: **62887**
Client ID: **LCSS** Batch ID: **35319** TestNo: **SW6010C** **SW3050B** Analysis Date: **4/10/2012** SeqNo: **882568**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iron	41.3	0.400	40.00	0	103	80	120				
Lead	42.5	0.400	40.00	0	106	80	120				
Magnesium	42.1	0.400	40.00	0	105	80	120				
Manganese	41.8	0.400	40.00	0	105	80	120				
Nickel	42.2	0.400	40.00	0	106	80	120				
Potassium	422	0.500	400.0	0	105	80	120				
Selenium	42.5	0.500	40.00	0	106	80	120				
Silver	42.0	0.400	40.00	0	105	80	120				
Sodium	42.9	0.500	40.00	0	107	80	120				
Thallium	42.2	0.500	40.00	0	106	80	120				
Vanadium	42.3	0.400	40.00	0	106	80	120				
Zinc	42.5	0.400	40.00	0	106	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	H	Holding times for preparation or analy
J	Analyte detected below quantitation limits	P	>40% diff for detected conc between the two GC column	PQL	Practical Quantitation Limit
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1204061
Project: 211-08 Northern Blvd., Bayside, NY

ANALYTICAL QC SUMMARY REPORT

TestCode: Dry8081_Soil

Sample ID: **LCS-35305** SampType: **LCS** TestCode: **Dry8081_Soil** Units: **µg/Kg** Prep Date: **4/6/2012** RunNo: **62957**
Client ID: **LCSS** Batch ID: **35305** TestNo: **SW8081B SW3550C** Analysis Date: **4/12/2012** SeqNo: **883718**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlordane	4.1	0.96	4.782	0	86.0	44	148				
Chlorobenzilate	5.2	0.38	4.782	0	108	26	152				
DBCP	4.2	0.77	4.782	0	87.8	24	148				
Hexachlorobenzene	1.4	0.38	4.782	0	28.2	20	145				
Hexachlorocyclopentadiene	4.3	0.38	4.782	0	90.6	29	144				
Surr: DCB	25		23.91		106	23	157				
Surr: TCX	8.9		23.91		37.3	21	151				

Sample ID: **MB-35305** SampType: **MBLK** TestCode: **Dry8081_Soil** Units: **µg/Kg** Prep Date: **4/6/2012** RunNo: **62957**
Client ID: **PBS** Batch ID: **35305** TestNo: **SW8081B SW3550C** Analysis Date: **4/12/2012** SeqNo: **883719**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	U	0.39									
4,4'-DDE	U	0.39									
4,4'-DDT	U	0.39									
Aldrin	U	0.39									
alpha-BHC	U	0.39									
beta-BHC	U	0.39									
Chlordane	U	0.98									
Chlorobenzilate	U	0.39									
DBCP	U	0.78									
delta-BHC	U	0.39									
Dieldrin	U	0.39									
Endosulfan I	U	0.39									
Endosulfan II	U	0.39									
Endosulfan sulfate	U	0.39									
Endrin	U	0.39									
Endrin aldehyde	U	0.78									
Endrin ketone	U	0.39									
gamma-BHC	U	0.39									
Heptachlor	U	0.39									

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	H	Holding times for preparation or analy
J	Analyte detected below quantitation limits	P	>40% diff for detected conc between the two GC column	PQL	Practical Quantitation Limit
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1204061
Project: 211-08 Northern Blvd., Bayside, NY

ANALYTICAL QC SUMMARY REPORT

TestCode: Dry8081_Soil

Sample ID: **MB-35305** SampType: **MBLK** TestCode: **Dry8081_Soil** Units: **µg/Kg** Prep Date: **4/6/2012** RunNo: **62957**
Client ID: **PBS** Batch ID: **35305** TestNo: **SW8081B SW3550C** Analysis Date: **4/12/2012** SeqNo: **883719**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Heptachlor epoxide	U	0.39									
Hexachlorobenzene	U	0.39									
Hexachlorocyclopentadiene	U	0.39									
Methoxychlor	U	0.39									
Toxaphene	U	9.8									
Surr: DCB	27		24.47		110	23	157				
Surr: TCX	2.8		24.47		11.5	21	151				S

Sample ID: **MB-35305** SampType: **MBLK** TestCode: **Dry8081_Soil** Units: **µg/Kg** Prep Date: **4/6/2012** RunNo: **62957**
Client ID: **PBS** Batch ID: **35305** TestNo: **SW8081B SW3550C** Analysis Date: **4/7/2012** SeqNo: **883729**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: DCB	43		24.47		175	23	157				S
Surr: TCX	34		24.47		141	21	151				

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	H	Holding times for preparation or analy
J	Analyte detected below quantitation limits	P	>40% diff for detected conc between the two GC column	PQL	Practical Quantitation Limit
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1204061
Project: 211-08 Northern Blvd., Bayside, NY

ANALYTICAL QC SUMMARY REPORT

TestCode: Dry8082_Soil

Sample ID: **LCS-35301** SampType: **LCS** TestCode: **Dry8082_Soil** Units: **µg/Kg** Prep Date: **4/6/2012** RunNo: **62878**
Client ID: **LCSS** Batch ID: **35301** TestNo: **SW8082A** **SW3550C** Analysis Date: **4/6/2012** SeqNo: **882490**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	50	39	48.40	0	103	50	135				
Surr: TCX	25		24.20		104	17	151				
Surr: DCB	16		24.20		67.1	16	152				

Sample ID: **MB-35301** SampType: **MBLK** TestCode: **Dry8082_Soil** Units: **µg/Kg** Prep Date: **4/6/2012** RunNo: **62878**
Client ID: **PBS** Batch ID: **35301** TestNo: **SW8082A** **SW3550C** Analysis Date: **4/6/2012** SeqNo: **882491**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	U	39									
Aroclor 1221	U	39									
Aroclor 1232	U	39									
Aroclor 1242	U	39									
Aroclor 1248	U	39									
Aroclor 1254	U	39									
Aroclor 1260	U	39									
Aroclor 1262	U	39									
Aroclor 1268	U	39									
Surr: TCX	26		24.47		105	17	151				
Surr: DCB	18		24.47		75.4	16	152				

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	H	Holding times for preparation or analy
J	Analyte detected below quantitation limits	P	>40% diff for detected conc between the two GC column	PQL	Practical Quantitation Limit
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1204061
Project: 211-08 Northern Blvd., Bayside, NY

ANALYTICAL QC SUMMARY REPORT

TestCode: Dry8270_Soil

Sample ID: MB-35306	SampType: MBLK	TestCode: Dry8270_Soil	Units: µg/Kg	Prep Date: 4/6/2012	RunNo: 62864
Client ID: PBS	Batch ID: 35306	TestNo: SW8270D	SW3550C	Analysis Date: 4/6/2012	SeqNo: 882248

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									
2,4,5-Trichlorophenol	U	250									
2,4,6-Trichlorophenol	U	250									
2,4-Dichlorophenol	U	250									
2,4-Dimethylphenol	U	250									
2,4-Dinitrophenol	U	250									
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	250									
4-Bromophenyl phenyl ether	U	250									
4-Chloro-3-methylphenol	U	250									
4-Chloroaniline	U	250									
4-Chlorophenyl phenyl ether	U	250									
4-Nitroaniline	U	250									
4-Nitrophenol	U	250									
Acenaphthene	U	250									
Acenaphthylene	U	250									
Acetophenone	U	250									
Aniline	U	250									

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	H	Holding times for preparation or analy
J	Analyte detected below quantitation limits	P	>40% diff for detected conc between the two GC column	PQL	Practical Quantitation Limit
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1204061
Project: 211-08 Northern Blvd., Bayside, NY

ANALYTICAL QC SUMMARY REPORT

TestCode: Dry8270_Soil

Sample ID: MB-35306	SampType: MBLK	TestCode: Dry8270_Soil	Units: µg/Kg	Prep Date: 4/6/2012	RunNo: 62864
Client ID: PBS	Batch ID: 35306	TestNo: SW8270D	SW3550C	Analysis Date: 4/6/2012	SeqNo: 882248

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Anthracene	U	250									
Atrazine	U	250									
Azobenzene	U	250									
Benzaldehyde	U	250									
Benzidine	U	250									
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	250									
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									
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	250									
Fluoranthene	U	250									
Fluorene	U	250									
Hexachlorobenzene	U	250									
Hexachlorobutadiene	U	250									

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	H	Holding times for preparation or analy
J	Analyte detected below quantitation limits	P	>40% diff for detected conc between the two GC column	PQL	Practical Quantitation Limit
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1204061
Project: 211-08 Northern Blvd., Bayside, NY

ANALYTICAL QC SUMMARY REPORT

TestCode: Dry8270_Soil

Sample ID: MB-35306	SampType: MBLK	TestCode: Dry8270_Soil	Units: µg/Kg	Prep Date: 4/6/2012	RunNo: 62864
Client ID: PBS	Batch ID: 35306	TestNo: SW8270D	SW3550C	Analysis Date: 4/6/2012	SeqNo: 882248

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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	250									
Pentachlorophenol	U	250									
Phenanthrene	U	250									
Phenol	U	250									
Pyrene	U	250									
Pyridine	U	250									
Surr: 2,4,6-Tribromophenol	640		2000		32.0	21	119				
Surr: 2-Fluorobiphenyl	470		1000		47.0	21	117				
Surr: 2-Fluorophenol	430		2000		21.5	11	105				
Surr: 4-Terphenyl-d14	490		1000		49.0	21	132				
Surr: Nitrobenzene-d5	340		1000		33.7	18	116				
Surr: Phenol-d6	490		2000		24.6	12	110				

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	H	Holding times for preparation or analy
J	Analyte detected below quantitation limits	P	>40% diff for detected conc between the two GC column	PQL	Practical Quantitation Limit
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1204061
Project: 211-08 Northern Blvd., Bayside, NY

ANALYTICAL QC SUMMARY REPORT

TestCode: DryFull8260_Soil

Sample ID: **V624LCS-040512LS** SampType: **LCS** TestCode: **DryFull8260_** Units: **µg/Kg** Prep Date: **4/5/2012** RunNo: **62855**
Client ID: **LCSS** Batch ID: **R62855** TestNo: **SW8260C** Analysis Date: **4/5/2012** SeqNo: **882195**

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	87.1	40	125				
1,1,2,2-Tetrachloroethane	49	5.0	50.00	0	97.3	41	130				
1,1,2-Trichloroethane	45	5.0	50.00	0	89.8	43	121				
1,1-Dichloroethane	48	5.0	50.00	0	95.0	42	126				
1,1-Dichloroethene	45	5.0	50.00	0	90.8	40	126				
1,2-Dichlorobenzene	51	5.0	50.00	0	102	41	122				
1,2-Dichloroethane	45	5.0	50.00	0	89.4	42	133				
1,2-Dichloropropane	47	5.0	50.00	0	94.1	41	128				
1,3-Dichlorobenzene	52	5.0	50.00	0	105	45	119				
1,4-Dichlorobenzene	50	5.0	50.00	0	101	46	121				
2-Chloroethyl vinyl ether	22	5.0	50.00	0	44.1	30	135				
Benzene	42	5.0	50.00	0	84.8	35	123				
Bromodichloromethane	44	5.0	50.00	0	87.4	37	130				
Bromoform	53	5.0	50.00	0	106	43	121				
Bromomethane	30	5.0	50.00	0	60.4	32	130				
Carbon tetrachloride	44	5.0	50.00	0	87.7	37	134				
Chlorobenzene	48	5.0	50.00	0	96.3	40	124				
Chloroethane	25	5.0	50.00	0	50.3	35	141				C
Chloroform	45	5.0	50.00	0	91.0	36	126				
Chloromethane	34	5.0	50.00	0	68.3	42	141				C
cis-1,3-Dichloropropene	45	5.0	50.00	0	90.2	30	130				
Dibromochloromethane	48	5.0	50.00	0	95.7	43	125				
Ethylbenzene	46	5.0	50.00	0	91.8	44	122				
Methylene chloride	44	5.0	50.00	0	87.3	32	132				B
Tetrachloroethene	44	5.0	50.00	0	88.0	31	120				
Toluene	45	5.0	50.00	0	90.7	42	124				
trans-1,3-Dichloropropene	40	5.0	50.00	0	79.6	45	123				
Trichloroethene	49	5.0	50.00	0	98.7	46	124				
Trichlorofluoromethane	39	5.0	50.00	0	77.7	45	137				
Vinyl chloride	36	5.0	50.00	0	71.3	46	139				C
Surr: 4-Bromofluorobenzene	50		50.00		99.4	42	133				

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	H	Holding times for preparation or analy
J	Analyte detected below quantitation limits	P	>40% diff for detected conc between the two GC column	PQL	Practical Quantitation Limit
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1204061
Project: 211-08 Northern Blvd., Bayside, NY

ANALYTICAL QC SUMMARY REPORT

TestCode: DryFull8260_Soil

Sample ID: **V624LCS-040512LS** SampType: **LCS** TestCode: **DryFull8260_** Units: **µg/Kg** Prep Date: **4/5/2012** RunNo: **62855**
Client ID: **LCSS** Batch ID: **R62855** TestNo: **SW8260C** Analysis Date: **4/5/2012** SeqNo: **882195**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	47		50.00		94.8	50	133				
Surr: Toluene-d8	50		50.00		99.6	53	130				

Sample ID: **VBLK-040512LS** SampType: **MBLK** TestCode: **DryFull8260_** Units: **µg/Kg** Prep Date: **4/5/2012** RunNo: **62855**
Client ID: **PBS** Batch ID: **R62855** TestNo: **SW8260C** Analysis Date: **4/5/2012** SeqNo: **882196**

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									
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									C

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	H	Holding times for preparation or analy
J	Analyte detected below quantitation limits	P	>40% diff for detected conc between the two GC column	PQL	Practical Quantitation Limit
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1204061
Project: 211-08 Northern Blvd., Bayside, NY

ANALYTICAL QC SUMMARY REPORT

TestCode: DryFull8260_Soil

Sample ID: **VBLK-040512LS** SampType: **MBLK** TestCode: **DryFull8260_** Units: **µg/Kg** Prep Date: **4/5/2012** RunNo: **62855**
Client ID: **PBS** Batch ID: **R62855** TestNo: **SW8260C** Analysis Date: **4/5/2012** SeqNo: **882196**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butanone	U	5.0									
2-Chloroethyl vinyl ether	U	5.0									
2-Chlorotoluene	U	5.0									
2-Hexanone	U	5.0									
2-Propanol	U	5.0									
4-Chlorotoluene	U	5.0									
4-Isopropyltoluene	U	5.0									
4-Methyl-2-pentanone	U	5.0									
Acetone	U	5.0									
Acrolein	U	10									
Acrylonitrile	U	5.0									
Benzene	U	5.0									
Bromobenzene	U	5.0									
Bromochloromethane	U	5.0									
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									C
Chloroform	U	5.0									
Chloromethane	U	5.0									C
cis-1,2-Dichloroethene	U	5.0									
cis-1,3-Dichloropropene	U	5.0									
Dibromochloromethane	U	5.0									
Dibromomethane	U	5.0									
Dichlorodifluoromethane	U	5.0									
Diisopropyl ether	U	5.0									
Ethanol	U	10									

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	H	Holding times for preparation or analy
J	Analyte detected below quantitation limits	P	>40% diff for detected conc between the two GC column	PQL	Practical Quantitation Limit
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1204061
Project: 211-08 Northern Blvd., Bayside, NY

ANALYTICAL QC SUMMARY REPORT

TestCode: DryFull8260_Soil

Sample ID: **VBLK-040512LS** SampType: **MBLK** TestCode: **DryFull8260_** Units: **µg/Kg** Prep Date: **4/5/2012** RunNo: **62855**
Client ID: **PBS** Batch ID: **R62855** TestNo: **SW8260C** Analysis Date: **4/5/2012** SeqNo: **882196**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ethyl acetate	U	5.0									
Ethylbenzene	U	5.0									
Freon-114	U	5.0									
Hexachlorobutadiene	U	5.0									
Isopropyl acetate	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	3.1	5.0									J
n-Amyl acetate	U	5.0									C
Naphthalene	U	5.0									
n-Butyl acetate	U	5.0									
n-Butylbenzene	U	5.0									
n-Propyl acetate	U	5.0									C
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									C

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	H	Holding times for preparation or analy
J	Analyte detected below quantitation limits	P	>40% diff for detected conc between the two GC column	PQL	Practical Quantitation Limit
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1204061
Project: 211-08 Northern Blvd., Bayside, NY

ANALYTICAL QC SUMMARY REPORT

TestCode: DryFull8260_Soil

Sample ID: **VBLK-040512LS** SampType: **MBLK** TestCode: **DryFull8260_** Units: **µg/Kg** Prep Date: **4/5/2012** RunNo: **62855**
Client ID: **PBS** Batch ID: **R62855** TestNo: **SW8260C** Analysis Date: **4/5/2012** SeqNo: **882196**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	48		50.00		95.3	42	133				
Surr: Dibromofluoromethane	52		50.00		104	50	133				
Surr: Toluene-d8	48		50.00		96.8	53	130				

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	H	Holding times for preparation or analy
J	Analyte detected below quantitation limits	P	>40% diff for detected conc between the two GC column	PQL	Practical Quantitation Limit
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1204061
Project: 211-08 Northern Blvd., Bayside, NY

ANALYTICAL QC SUMMARY REPORT

TestCode: DRYHG_S

Sample ID: **MB041012B** SampType: **MBLK** TestCode: **DRYHG_S** Units: **mg/Kg** Prep Date: RunNo: **62896**
Client ID: **PBS** Batch ID: **35359** TestNo: **SW7471B** **SW7471B** Analysis Date: **4/10/2012** SeqNo: **882736**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	U	0.0100									

Sample ID: **LCSS041012B** SampType: **LCS** TestCode: **DRYHG_S** Units: **mg/Kg** Prep Date: **4/10/2012** RunNo: **62896**
Client ID: **LCSS** Batch ID: **35359** TestNo: **SW7471B** **SW7471B** Analysis Date: **4/10/2012** SeqNo: **882737**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.182	0.0100	0.2000	0	90.8	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	H	Holding times for preparation or analy
J	Analyte detected below quantitation limits	P	>40% diff for detected conc between the two GC column	PQL	Practical Quantitation Limit
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed

American Analytical Laboratories, LLC.

Date: *13-Apr-12*

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1204061
Project: 211-08 Northern Blvd., Bayside, NY

ANALYTICAL QC SUMMARY REPORT

TestCode: Dry8082_Soil

Sample ID: **1204061-02B-MS** SampType: **MS** TestCode: **Dry8082_Soil** Units: **µg/Kg-dry** Prep Date: **4/6/2012** RunNo: **62878**
Client ID: **B-9 (20-22')** Batch ID: **35301** TestNo: **SW8082A** **SW3550C** Analysis Date: **4/7/2012** SeqNo: **882499**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	58	40	50.03	0	117	30	130				
Surr: TCX	28		25.01		110	17	151				
Surr: DCB	7.2		25.01		28.9	16	152				

Sample ID: **1204061-02B-MSD** SampType: **MSD** TestCode: **Dry8082_Soil** Units: **µg/Kg-dry** Prep Date: **4/6/2012** RunNo: **62878**
Client ID: **B-9 (20-22')** Batch ID: **35301** TestNo: **SW8082A** **SW3550C** Analysis Date: **4/7/2012** SeqNo: **882500**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	53	40	50.20	0	105	30	130	58.43	10.2	20	
Surr: TCX	28		25.10		111	17	151		0	0	
Surr: DCB	4.9		25.10		19.3	16	152		0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	H	Holding times for preparation or analy
J	Analyte detected below quantitation limits	P	>40% diff for detected conc between the two GC column	PQL	Practical Quantitation Limit
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1204061
Project: 211-08 Northern Blvd., Bayside, NY

ANALYTICAL QC SUMMARY REPORT

TestCode: DryFull8260_Soil

Sample ID: **1204061-02AMS** SampType: **MS** TestCode: **DryFull8260_** Units: **µg/Kg-dry** Prep Date: RunNo: **62855**
Client ID: **B-9 (20-22')** Batch ID: **R62855** TestNo: **SW8260C** Analysis Date: **4/5/2012** SeqNo: **882199**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	36	5.2	52.41	0	69.4	26	108				
1,1,2,2-Tetrachloroethane	28	5.2	52.41	0	52.7	18	109				
1,1,2-Trichloroethane	24	5.2	52.41	0	46.7	21	105				
1,1-Dichloroethane	37	5.2	52.41	0	71.2	28	108				
1,1-Dichloroethene	38	5.2	52.41	0	71.9	24	110				
1,2-Dichlorobenzene	37	5.2	52.41	0	71.5	18	108				
1,2-Dichloroethane	30	5.2	52.41	0	57.3	21	105				
1,2-Dichloropropane	33	5.2	52.41	0	63.9	29	107				
1,3-Dichlorobenzene	44	5.2	52.41	0	84.9	20	115				
1,4-Dichlorobenzene	41	5.2	52.41	0	78.2	21	117				
Benzene	33	5.2	52.41	0	62.3	30	103				
Bromodichloromethane	29	5.2	52.41	0	55.4	22	106				
Bromoform	27	5.2	52.41	0	52.2	20	113				
Bromomethane	26	5.2	52.41	0	48.9	20	109				
Carbon tetrachloride	38	5.2	52.41	0	72.6	23	111				
Chlorobenzene	40	5.2	52.41	0	75.8	27	117				
Chloroethane	29	5.2	52.41	0	55.6	30	130				C
Chloroform	33	5.2	52.41	0	63.5	24	112				
Chloromethane	27	5.2	52.41	0	50.7	21	110				C
cis-1,3-Dichloropropene	29	5.2	52.41	0	55.3	20	104				
Dibromochloromethane	27	5.2	52.41	0	51.2	22	104				
Ethylbenzene	42	5.2	52.41	0	80.2	30	115				
Methylene chloride	32	5.2	52.41	4.407	52.0	22	104				B
Tetrachloroethene	39	5.2	52.41	0	74.7	20	103				
Toluene	38	5.2	52.41	0	71.6	20	115				
trans-1,3-Dichloropropene	22	5.2	52.41	0	42.5	20	105				
Trichloroethene	43	5.2	52.41	0	81.6	22	138				
Trichlorofluoromethane	35	5.2	52.41	0	66.8	22	131				
Vinyl chloride	30	5.2	52.41	0	56.3	25	107				C
Surr: 4-Bromofluorobenzene	49		52.41		92.6	42	133				
Surr: Dibromofluoromethane	41		52.41		78.6	50	133				

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	H	Holding times for preparation or analy
J	Analyte detected below quantitation limits	P	>40% diff for detected conc between the two GC column	PQL	Practical Quantitation Limit
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1204061
Project: 211-08 Northern Blvd., Bayside, NY

ANALYTICAL QC SUMMARY REPORT

TestCode: DryFull8260_Soil

Sample ID: **1204061-02AMS** SampType: **MS** TestCode: **DryFull8260_** Units: **µg/Kg-dry** Prep Date: RunNo: **62855**
Client ID: **B-9 (20-22')** Batch ID: **R62855** TestNo: **SW8260C** Analysis Date: **4/5/2012** SeqNo: **882199**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	51		52.41		98.2	53	130				

Sample ID: **1204061-02AMSD** SampType: **MSD** TestCode: **DryFull8260_** Units: **µg/Kg-dry** Prep Date: RunNo: **62855**
Client ID: **B-9 (20-22')** Batch ID: **R62855** TestNo: **SW8260C** Analysis Date: **4/5/2012** SeqNo: **882200**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	35	5.2	52.41	0	66.7	26	108	36.35	3.88	20	
1,1,2,2-Tetrachloroethane	29	5.2	52.41	0	54.9	18	109	27.61	4.20	20	
1,1-Dichloroethane	36	5.2	52.41	0	69.5	28	108	37.33	2.47	20	
1,1-Dichloroethene	36	5.2	52.41	0	68.7	24	110	37.70	4.64	20	
1,2-Dichlorobenzene	37	5.2	52.41	0	71.1	18	108	37.49	0.561	20	
1,2-Dichloroethane	30	5.2	52.41	0	58.0	21	105	30.01	1.22	20	
1,2-Dichloropropane	33	5.2	52.41	0	63.1	29	107	33.47	1.17	20	
1,3-Dichlorobenzene	43	5.2	52.41	0	81.4	20	115	44.47	4.16	20	
1,4-Dichlorobenzene	40	5.2	52.41	0	76.7	21	117	40.96	1.86	20	
Benzene	32	5.2	52.41	0	60.8	30	103	32.66	2.47	20	
Bromodichloromethane	29	5.2	52.41	0	55.9	22	106	29.03	0.970	20	
Bromoform	29	5.2	52.41	0	54.5	20	113	27.38	4.27	20	
Bromomethane	25	5.2	52.41	0	48.1	20	109	25.65	1.73	20	
Carbon tetrachloride	36	5.2	52.41	0	68.9	23	111	38.03	5.12	20	
Chlorobenzene	38	5.2	52.41	0	72.4	27	117	39.74	4.59	20	
Chloroethane	26	5.2	52.41	0	49.2	30	130	29.12	12.1	20	C
Chloroform	33	5.2	52.41	0	63.4	24	112	33.27	0.0630	20	
Chloromethane	25	5.2	52.41	0	48.1	21	110	26.57	5.35	20	C
cis-1,3-Dichloropropene	29	5.2	52.41	0	56.1	20	104	28.96	1.44	20	
Dibromochloromethane	28	5.2	52.41	0	54.4	22	104	26.83	5.99	20	
Ethylbenzene	40	5.2	52.41	0	75.6	30	115	42.02	5.85	20	
Methylene chloride	32	5.2	52.41	4.407	52.6	22	104	31.63	0.989	20	B
Tetrachloroethene	37	5.2	52.41	0	71.1	20	103	39.17	4.94	20	
Toluene	36	5.2	52.41	0	68.4	20	115	37.54	4.66	20	
trans-1,3-Dichloropropene	24	5.2	52.41	0	44.9	20	105	22.25	5.50	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	H	Holding times for preparation or analy
J	Analyte detected below quantitation limits	P	>40% diff for detected conc between the two GC column	PQL	Practical Quantitation Limit
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1204061
Project: 211-08 Northern Blvd., Bayside, NY

ANALYTICAL QC SUMMARY REPORT

TestCode: DryFull8260_Soil

Sample ID: **1204061-02AMSD** SampType: **MSD** TestCode: **DryFull8260_** Units: **µg/Kg-dry** Prep Date: RunNo: **62855**
Client ID: **B-9 (20-22')** Batch ID: **R62855** TestNo: **SW8260C** Analysis Date: **4/5/2012** SeqNo: **882200**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	40	5.2	52.41	0	77.2	22	138	42.74	5.49	20	
Trichlorofluoromethane	33	5.2	52.41	0	62.3	22	131	34.99	6.94	20	
Vinyl chloride	28	5.2	52.41	0	53.1	25	107	29.53	5.96	20	C
Surr: 4-Bromofluorobenzene	49		52.41		94.2	42	133		0	0	
Surr: Dibromofluoromethane	44		52.41		83.8	50	133		0	0	
Surr: Toluene-d8	51		52.41		97.9	53	130		0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	H	Holding times for preparation or analy
J	Analyte detected below quantitation limits	P	>40% diff for detected conc between the two GC column	PQL	Practical Quantitation Limit
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed

CLIENT: J.R. Holzmacher P.E. LLC
Work Order: 1204061
Project: 211-08 Northern Blvd., Bayside, NY

ANALYTICAL QC SUMMARY REPORT

TestCode: DRYHG_S

Sample ID: **1204068-06B** SampType: **MS** TestCode: **DRYHG_S** Units: **mg/Kg-dry** Prep Date: **4/10/2012** RunNo: **62896**
Client ID: **ZZZZZZ** Batch ID: **35359** TestNo: **SW7471B** **SW7471B** Analysis Date: **4/10/2012** SeqNo: **882745**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.145	0.00766	0.1532	0.003192	92.7	80	120				

Sample ID: **1204068-07B** SampType: **MSD** TestCode: **DRYHG_S** Units: **mg/Kg-dry** Prep Date: **4/10/2012** RunNo: **62896**
Client ID: **ZZZZZZ** Batch ID: **35359** TestNo: **SW7471B** **SW7471B** Analysis Date: **4/10/2012** SeqNo: **882748**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.144	0.00778	0.1556	0.003192	90.7	80	120	0.1452	0.595	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	H	Holding times for preparation or analy
J	Analyte detected below quantitation limits	P	>40% diff for detected conc between the two GC column	PQL	Practical Quantitation Limit
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed

CHEMTECH 284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

DATA PACKAGE

VOLATILE ORGANICS

PROJECT NAME : JSKIM 10-01

J.R.HOLZMACHER P.E., LLC

300 Wheeler Avenue

Suite 402

Hauppauge, NY - 11788

Phone No: 6312342220

ORDER ID : D2152

ATTENTION : Heather Sonnenberg

ACCREDITED IN ACCORDANCE WITH nelac

DoD ELAP

COVER PAGE

CHEMTECH 284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

Cover Page

Order ID : D2152

Project ID : JSKim 10-01

Client : J.R.Holzmacher P.E., LLC

Lab Sample Number	Client Sample Number
D2152-01	VP-1
D2152-02	VP-2
D2152-04	VP-3

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 : _____

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CHEMTECH 284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

QA/QC DELIVERABLES CHECKLIST

Project Number:__D2152

THIS FORM HAS BEEN COMPLETED BY CHEMTECH LABORATORY AND ACCOMPANIES ALL DATA DELIVERABLES PACKAGES.

The following laboratory deliverables are included in this analytical report. Any deviations from the accepted methodology and procedures, or performance values outside acceptable ranges are summarized in the Non-Conformance Summary.

		Yes	NA
I.	Report Cover Page, Laboratory Certification and Field Sample To Lab Sample ID Cross Reference	_✓_	
II.	Table of Contents	__✓_	
III.	Chain of Custody Documents	__✓_	
IV.	Methodology Summaries	__✓_	
V.	Laboratory Chronicle and Hold Time Checks	__✓_	
VI.	Case Narrative	__✓_	
VII.	Tabulated Analytical Results	__✓_	
VIII.	Initial and Continuing Calibration Information	____	__✓_
IX.	Tune and Internal Standard Area Summaries (GC/MS)	____	__✓_
X.	Quality Control Summary Reports	__✓_	____
XI.	Surrogate Recovery Summary	__✓_	____
XII.	Raw Data Chromatogram, Blank Samples and QC when applicable	__✓_	____
XIII.	Subcontract Data	_____	__✓_

_____ ____04/30/2012_____

QA/QC Data Reviewer Date

NJDEP Certification No. 20012 NYSDOH Certification No. 11376

CHEMTECH

Table of Contents D2152

COVER PAGE 2

CHAIN OF CUSTODY RECORD 6

METHODOLOGY REVIEW & LABORATORY CHRONICLE 13

CASE NARRATIVE 15

TABULATED ANALYTICAL RESULTS GC/MS VOLATILE ORGANICS 18

QUALITY CONTROL SUMMARY REPORTS GC/MS VOLATILE ORGANICS 47

END OF ANALYTICAL RESULTS 63

CHEMTECH 284 Sheffield Street, Mountainside, New Jersey 07092 Phone: 908 789 8900 Fax: 908 789 8922

CHAIN OF CUSTODY RECORD

D2152

CHEMTECH

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

CHEMTECH Project No. : D2152

1 of 3 COCs

Client Contact Information	Bottle Order ID : **B1203122**	Courier : Fed Ex	
Client ID : **JRHO01** Project ID : **JSKim 10-01**		Sampler Name(s) : Heather Sonnenberg	
Customer Name : **J.R.Holzmacher P.E., LLC**	Project Manager : **Heather sonnenberg**	AIR ANALYSIS CHAIN-OF-CUSTODY	
	Phone Number : **6312342220**		
Address : **300 Wheeler Avenue**	Fax Number : **6312342221**		
Suite 402	Site Details: developed Commercial with existing building and unpaved parking		
City : **Hauppauge**			
State : **NY**	Analysis Turnaround Time Standard		
Zip Code : **11788**	Standard : **15 business days**	Data Package Type :	
Country : US	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~~ Exterior Temp. (F) (Start)	~~Interior~~ Exterior 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 (ml/min)	Can Cert ID	TO-15				Indoor/Ambinet Air	Soil Gas		
VP-1	4-5-12	10:20am	1:30pm	30	6	52°F	56°F	-30		10623	10602	6 L	25	VL016526.D	✓							

Temperature (Fahrenheit)

	Ambient	Maximum	Minimum	
Start	52°F			
Stop	56°F			

Pressure (Inches of Hg)

	Ambient	Maximum	Minimum	
Start				
Stop				

GC/MS Analyst Signature (TO-15) [signature]

** Submittal of this COC indicates approval of the analysis based on existing conditions.

Please follow the instructions on the back of this COC.

Special Instructions/QC Requirements & Comments :

Suspected Contamination: High Medium Low

PID Readings:

Sampling site (State):

Quick Connector required : NO

Canisters Shiped by: NY	Date/Time: 4/4/12	Canisters Received by:		Date/Time:	B1203122 - 3
Samples Relinquished by: [signature]	Date/Time: 4/6/12 9:00 PM	Received by:		Date/Time:	
Relinquished by: fed ex	Date/Time: 4/9/12	Received by: PS		Date/Time: 4/9/12 9:20	

CHEMTECH

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

CHEMTECH Project No. : D2152

Client Contact Information	Bottle Order ID : **B1203122**	Courier : Fed Ex	2 of 3 COCs
Client ID : **JRHO01** Project ID : **JSKim 10-01**		Sampler Name(s) : Heather Sonnenberg	Analysis / Matrix
Customer Name : **J.R.Holzmacher P.E., LLC**	Project Manager : **Heather sonnenberg**	AIR ANALYSIS CHAIN-OF-CUSTODY	
Address : **300 Wheeler Avenue**	Phone Number : **6312342220**		
Suite 402	Fax Number : **6312342221**		
City : **Hauppauge**	Site Details: developed Commercial site with existing bldg & unpaved parking		
State : **NY**	Analysis Turnaround Time Standard		
Zip Code : **11788**	Standard : **15 business days**	Data Package Type :	
Country : US	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 (ml/min)	Can Cert ID	TO-15				Indoor/Ambinet Air	Soil Gas		
VP-2	4/5-12	9:00 AM	1:00 AM	30	5	52°F	56°F	-30		10705	10263	6 L	25	VL016526.D	✓							

	Temperature (Fahrenheit)			
	Ambient	Maximum	Minimum	
Start	52°F			
Stop	56°F			

	Pressure (Inches of Hg)			
	Ambient	Maximum	Minimum	
Start				
Stop				

GC/MS Analyst Signature (TO-15) VanWel

** Submittal of this COC indicates approval of the analysis based on existing conditions.

Please follow the instructions on the back of this COC.

Special Instructions/QC Requirements & Comments :

Suspected Contamination: High Medium Low PID Readings:

Sampling site (State):

Quick Connector required : no

Canisters Shiped by:	Date/Time: 4/4/12	Canisters Received by:	Date/Time:
Samples Relinquished by:	Date/Time: 4/6/12 9:00 AM	Received by:	Date/Time:
Relinquished by: Fed Ex	Date/Time: 4/9/12	Received by: DS	Date/Time: 4/9/12 9:20

B1203122 - 1

CHEMTECH

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

CHEMTECH Project No. : _____

Client Contact Information	Bottle Order ID : **B1204053**	Courier : Fed ex	1 of 1 COCs
Client ID : **JRHO01** Project ID : **JSKim 10-01**		Sampler Name(s) : Heather Sonnenberg	Analysis / Matrix
Customer Name : **J.R.Holzmacher P.E., LLC**	Project Manager : **HEATHER SONNENBERG**	AIR ANALYSIS CHAIN-OF-CUSTODY	
	Phone Number : **6312342220**		
Address : **300 Wheeler Avenue**	Fax Number : **6312342221**		
Suite 402	Site Details: Developed site w/ vacant Bldg - small front parking area.		
City : **Hauppauge**			
State : **NY**	Analysis Turnaround Time Standard		
Zip Code : **11788**	Standard : **15 business days**	Data Package Type :	
Country : US.	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 (ml/min)	Can Cert ID	TO-15				Indoor/Ambinet Air	Soil Gas		
VP-3	4-16-2012	8:30 am	12 pm	30	0	67°	80°	-30		10541	10316	6 L	25	VL016541.D	✓							

Temperature (Fahrenheit)	Ambient	Maximum	Minimum	
Start	67°F			
Stop	80°F			

Pressure (Inches of Hg)	Ambient	Maximum	Minimum	
Start				
Stop				

GC/MS Analyst Signature (TO-15) [signature]

** Submittal of this COC indicates approval of the analysis based on existing conditions.

Please follow the instructions on the back of this COC.

Special Instructions/QC Requirements & Comments :

Suspected Contamination: High Medium (Low)

PID Readings: None

Sampling site (State): New York

Quick Connector required : No

Canisters Shiped by: SOL	Date/Time 4/10/12	Canisters Received by:	Date/Time:
Samples Relinquished by: [signature]	Date/Time: 4/16/12 1:35pm	Received by:	Date/Time:
Relinquished by: FedEx	Date/Time: 4/17/12 9:10	Received by: PS	Date/Time: 4/17/12 9:10

B1204053 - 1

CHEMTECH 284 Sheffield Street Mountainside NJ 07092 Tel

Laboratory Certification

State	License No.
New Jersey	20012
New York	11376
Connecticut	PH-0649
Florida	E87935
Maryland	296
Massachusetts	M-NJ503
Oklahoma	9705
Pennsylvania	68-548
Rhode Island	LAO00259
Virginia	460220
Texas	T10470448-10-1

Other:

DOD ELAP	L2219
Soil Permit	P330-11-00012
CLP Inorganic Contract	EPW09038
CLP Organic Contract	EPW11030

QA Control Code: A2070148

CHEMTECH

284 Sheffield Street Mountainside NJ 07092
Tel. 908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Result 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. This is the detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the compound was analyzed for but was 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 3ug/L was calculated, report as 3 J.
B	Indicates the analyte was found in the blank as well as the sample.
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.
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. 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.

QA Control # A3040283

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #:_____D2152_____

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 and 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 Custody ____✓____

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 reviewed for manual integration requirements _____

1st Level QA Review Signature:_____HIRAL PATEL_____Date:__04/30/2012___

2nd Level QA Review Signature:_____Date:_____

CHEMTECH 284 Sheffield Street, Mountainside, New Jersey 07092 Phone: 908 789 8900 Fax: 908 789 8922

METHODOLOGY REVIEW & LABORATORY CHRONICLE

CHEMTECH

284 Sheffield Street, Mountainside, New Jersey - 07092

Phone: (908) 789 8900 Fax: (908) 789 8922

LAB CHRONICLE

OrderID:	D2152	**OrderDate:**	4/9/2012 1:23:14 PM
Client:	J.R.Holzmacher P.E., LLC	**Project:**	JSKim 10-01
Contact:	Heather Sonnenberg	**Location:**	Air Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
D2152-01	**VP-1**	**AIR**			**04/05/12**			**04/09/12**
			TO-15	TO-15			04/11/12	
D2152-01DL	**VP-1DL**	**AIR**			**04/05/12**			**04/09/12**
			TO-15	TO-15			04/11/12	
D2152-01DL2	**VP-1DL2**	**AIR**			**04/05/12**			**04/09/12**
			TO-15	TO-15			04/11/12	
D2152-02	**VP-2**	**AIR**			**04/05/12**			**04/09/12**
			TO-15	TO-15			04/11/12	
D2152-02DL	**VP-2DL**	**AIR**			**04/05/12**			**04/09/12**
			TO-15	TO-15			04/11/12	
D2152-02DL2	**VP-2DL2**	**AIR**			**04/05/12**			**04/09/12**
			TO-15	TO-15			04/11/12	
D2152-04	**VP-3**	**AIR**			**04/16/12**			**04/17/12**
			TO-15	TO-15			04/19/12	
D2152-04DL	**VP-3DL**	**AIR**			**04/16/12**			**04/17/12**
			TO-15	TO-15			04/19/12	

CASE NARRATIVE

CASE NARRATIVE

J.R.Holzmacher P.E., LLC
Project Name: JSKim 10-01
Project # N/A
Chemtech Project # D2152
Test Name: TO-15

A. Number of Samples and Date of Receipt:
2 Air samples were received on 04/09/2012.
1 Air sample was received on 04/17/2012.

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 performed on instrument MSVOA_M 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 except for VP-2 [1-Bromo-4-Fluorobenzene - 175%].
The Internal Standards Areas met the acceptable requirements except for VP-1DL2, VP-2DL, VP-3 and VP-3DL.
The Retention Times were acceptable for all samples.
The Blank Spike for {BSL0411A} with File ID: VL016780.D met requirements for all samples except for Methylene Chloride[68%], Styrene[140%] .The Blank Spike for {BSM0419A} with File ID: VM009702.D met requirements for all samples except for Dichlorodifluoromethane[67%] .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.
The Tuning criteria met requirements.
Samples VP-1, VP-1DL, VP-2, VP-2DL and VP-3 were diluted due to high concentrations.

E. Additional Comments:

F. Manual Integration Comments:

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_____

CHEMTECH

TABULATED ANALYTICAL RESULTS

GC/MS VOLATILE ORGANICS

TARGET ANALYTES -
AIR RESULTS

Chemical	CAS Number	Molecular Weight	Insert Results in ppbv	Q	Generates Results in ug/m3	QAS Decision	Foot-Notes
Dichlorodifluoromethane	75-71-8	120.9	0.9		4.45		
tert-Butyl alcohol	75-65-0	74.12	6.6		20.01		
Chloromethane	74-87-3	50.49	0.47	J	0.97		
Methyl Methacrylate	80-62-6	100.117	0.1	U	0.41		
Vinyl Chloride	75-01-4	62.5	0.11	J	0.28		
Bromomethane	74-83-9	94.94	0.03	U	0.12		
Chloroethane	75-00-3	64.52	0.07	U	0.18		
Trichlorofluoromethane	75-69-4	137.4	39	E	219.17		
Dichlorotetrafluoroethane	76-14-2	170.9	0.04	U	0.28		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	0.07	J	0.54		
Bromoethene	593-60-2	106.9	0.03	U	0.13		
Heptane	142-82-5	100.2	11		45.08		
1,1-Dichloroethene	75-35-4	96.94	0.05	U	0.2		
Acetone	67-64-1	58.08	120	E	285.06		
Carbon Disulfide	75-15-0	76.14	4.8		14.95		
Methyl tert-Butyl Ether	1634-04-4	88.15	0.05	U	0.18		
Methylene Chloride	75-09-2	84.94	12		41.69		
Allyl Chloride	107-05-1	76.53	0.05	U	0.16		
trans-1,2-Dichloroethene	156-60-5	96.94	0.06	U	0.24		
1,1-Dichloroethane	75-34-3	98.96	0.04	U	0.16		
Cyclohexane	110-82-7	84.16	1.2		4.13		
2-Butanone	78-93-3	72.11	28	E	82.58		
Carbon Tetrachloride	56-23-5	153.8	0.05	J	0.31		
cis-1,2-Dichloroethene	156-59-2	96.94	0.13	J	0.52		
Chloroform	67-66-3	119.4	0.63		3.08		
1,4-Dioxane	123-91-1	88.12	0.09	U	0.32		
1,1,1-Trichloroethane	71-55-6	133.4	0.13		0.71		
Tetrahydrofuran	109-99-9	72.11	2.8		8.26		
2,2,4-Trimethylpentane	540-84-1	114.2	1.3		6.07		
Benzene	71-43-2	78.11	4.9		15.65		
1,2-Dichloroethane	107-06-2	98.96	0.07	U	0.28		
Trichloroethene	79-01-6	131.4	0.44		2.36		
1,2-Dichloropropane	78-87-5	113	0.06	U	0.28		
Bromodichloromethane	75-27-4	163.8	0.05	U	0.33		
4-Methyl-2-Pentanone	108-10-1	100.2	2.7		11.07		
Toluene	108-88-3	92.14	30	E	113.06		
t-1,3-Dichloropropene	10061-02-6	111	0.07	U	0.32		
cis-1,3-Dichloropropene	10061-01-5	111	0.06	U	0.27		
1,1,2-Trichloroethane	79-00-5	133.4	0.08	U	0.44		
Dibromochloromethane	124-48-1	208.3	0.05	U	0.43		
1,2-Dibromoethane	106-93-4	187.9	0.07	U	0.54		
Tetrachloroethene	127-18-4	165.8	170	E	1152.8		
Chlorobenzene	108-90-7	112.6	0.09	U	0.41		
Ethyl Benzene	100-41-4	106.2	5.6		24.32		
m/p-Xylene	179601-23-1	106.2	17		73.84		
o-Xylene	95-47-6	106.2	5.5		23.89		
Styrene	100-42-5	104.1	0.25	J	1.06		
Bromoform	75-25-2	252.8	0.05	U	0.52		
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	2.2		10.82		

1,2,4-Trimethylbenzene	95-63-6	120.2	7.4		36.38		
4-Ethyltoluene	622-96-8	120.2	2.9		14.26		
1,3-Dichlorobenzene	541-73-1	147	0.08	U	0.48		
1,4-Dichlorobenzene	106-46-7	147	0.06	U	0.36		
1,2-Dichlorobenzene	95-50-1	147	0.07	U	0.42		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.04	U	0.3		
Hexachloro-1,3-Butadiene	87-68-3	260.8	0.08	U	0.85		
1,3-Butadiene	106-99-0	54.09	0.09	U	0.2		
Hexane	110-54-3	86.17	14		49.34		

Chemical	CAS Number	Molecular Weight	Insert Results in ppbv	Q	Generates Results in ug/m3	QAS Decision	Foot-Notes
Dichlorodifluoromethane	75-71-8	120.9	1.5	JD	7.42		
tert-Butyl alcohol	75-65-0	74.12	6.9	D	20.92		
Chloromethane	74-87-3	50.49	0.6	U	1.24		
Methyl Methacrylate	80-62-6	100.117	1	U	4.09		
Vinyl Chloride	75-01-4	62.5	0.7	U	1.79		
Bromomethane	74-83-9	94.94	0.3	U	1.16		
Chloroethane	75-00-3	64.52	0.7	U	1.85		
Trichlorofluoromethane	75-69-4	137.4	59	D	331.56		
Dichlorotetrafluoroethane	76-14-2	170.9	0.4	U	2.8		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	0.4	U	3.07		
Bromoethene	593-60-2	106.9	0.3	U	1.31		
Heptane	142-82-5	100.2	8.8	D	36.06		
1,1-Dichloroethene	75-35-4	96.94	0.5	U	1.98		
Acetone	67-64-1	58.08	600	ED	1425.28		
Carbon Disulfide	75-15-0	76.14	4.5	JD	14.01		
Methyl tert-Butyl Ether	1634-04-4	88.15	0.5	U	1.8		
Methylene Chloride	75-09-2	84.94	13	D	45.16		
Allyl Chloride	107-05-1	76.53	0.5	U	1.57		
trans-1,2-Dichloroethene	156-60-5	96.94	0.6	U	2.38		
1,1-Dichloroethane	75-34-3	98.96	0.4	U	1.62		
Cyclohexane	110-82-7	84.16	0.8	U	2.75		
2-Butanone	78-93-3	72.11	23	D	67.83		
Carbon Tetrachloride	56-23-5	153.8	0.3	U	1.89		
cis-1,2-Dichloroethene	156-59-2	96.94	0.6	U	2.38		
Chloroform	67-66-3	119.4	0.2	U	0.98		
1,4-Dioxane	123-91-1	88.12	0.9	U	3.24		
1,1,1-Trichloroethane	71-55-6	133.4	0.3	U	1.64		
Tetrahydrofuran	109-99-9	72.11	1.9	JD	5.6		
2,2,4-Trimethylpentane	540-84-1	114.2	0.8	JD	3.74		
Benzene	71-43-2	78.11	3.9	JD	12.46		
1,2-Dichloroethane	107-06-2	98.96	0.7	U	2.83		
Trichloroethene	79-01-6	131.4	0.4	JD	2.15		
1,2-Dichloropropane	78-87-5	113	0.6	U	2.77		
Bromodichloromethane	75-27-4	163.8	0.5	U	3.35		
4-Methyl-2-Pentanone	108-10-1	100.2	1.5	JD	6.15		
Toluene	108-88-3	92.14	26	D	97.98		
t-1,3-Dichloropropene	10061-02-6	111	0.7	U	3.18		
cis-1,3-Dichloropropene	10061-01-5	111	0.6	U	2.72		
1,1,2-Trichloroethane	79-00-5	133.4	0.8	U	4.36		
Dibromochloromethane	124-48-1	208.3	0.5	U	4.26		
1,2-Dibromoethane	106-93-4	187.9	0.7	U	5.38		
Tetrachloroethene	127-18-4	165.8	730	ED	4950.27		
Chlorobenzene	108-90-7	112.6	0.9	U	4.14		
Ethyl Benzene	100-41-4	106.2	3.7	JD	16.07		
m/p-Xylene	179601-23-1	106.2	13	D	56.47		
o-Xylene	95-47-6	106.2	3.7	JD	16.07		
Styrene	100-42-5	104.1	0.7	U	2.98		
Bromoform	75-25-2	252.8	0.5	U	5.17		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	1	U	6.87		
2-Chlorotoluene	95-49-8	126.6	1	U	5.18		
1,3,5-Trimethylbenzene	108-67-8	120.2	1.6	JD	7.87		

1,2,4-Trimethylbenzene	95-63-6	120.2	5.7	D	28.02		
4-Ethyltoluene	622-96-8	120.2	2.3	JD	11.31		
1,3-Dichlorobenzene	541-73-1	147	0.8	U	4.81		
1,4-Dichlorobenzene	106-46-7	147	0.6	U	3.61		
1,2-Dichlorobenzene	95-50-1	147	0.7	U	4.21		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.4	U	2.97		
Hexachloro-1,3-Butadiene	87-68-3	260.8	0.8	U	8.53		
1,3-Butadiene	106-99-0	54.09	0.9	U	1.99		
Hexane	110-54-3	86.17	12	D	42.29		

Chemical	CAS Number	Molecular Weight	Insert Results in ppbv	Q	Generates Results in ug/m3	QAS Decision	Foot-Notes
Dichlorodifluoromethane	75-71-8	120.9	4	U	19.78		
tert-Butyl alcohol	75-65-0	74.12	10	U	30.31		
Chloromethane	74-87-3	50.49	6	U	12.39		
Methyl Methacrylate	80-62-6	100.117	10	U	40.95		
Vinyl Chloride	75-01-4	62.5	7	U	17.89		
Bromomethane	74-83-9	94.94	3	U	11.65		
Chloroethane	75-00-3	64.52	7	U	18.47		
Trichlorofluoromethane	75-69-4	137.4	63	D	354.04		
Dichlorotetrafluoroethane	76-14-2	170.9	4	U	27.96		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	4	U	30.66		
Bromoethene	593-60-2	106.9	3	U	13.12		
Heptane	142-82-5	100.2	6	U	24.59		
1,1-Dichloroethene	75-35-4	96.94	5	U	19.82		
Acetone	67-64-1	58.08	680	D	1615.31		
Carbon Disulfide	75-15-0	76.14	5	U	15.57		
Methyl tert-Butyl Ether	1634-04-4	88.15	5	U	18.03		
Methylene Chloride	75-09-2	84.94	26	JD	90.32		
Allyl Chloride	107-05-1	76.53	5	U	15.65		
trans-1,2-Dichloroethene	156-60-5	96.94	6	U	23.79		
1,1-Dichloroethane	75-34-3	98.96	4	U	16.19		
Cyclohexane	110-82-7	84.16	8	U	27.54		
2-Butanone	78-93-3	72.11	20	JD	58.99		
Carbon Tetrachloride	56-23-5	153.8	3	U	18.87		
cis-1,2-Dichloroethene	156-59-2	96.94	6	U	23.79		
Chloroform	67-66-3	119.4	2	U	9.77		
1,4-Dioxane	123-91-1	88.12	9	U	32.44		
1,1,1-Trichloroethane	71-55-6	133.4	3	U	16.37		
Tetrahydrofuran	109-99-9	72.11	8	U	23.59		
2,2,4-Trimethylpentane	540-84-1	114.2	4	U	18.68		
Benzene	71-43-2	78.11	4	U	12.78		
1,2-Dichloroethane	107-06-2	98.96	7	U	28.33		
Trichloroethene	79-01-6	131.4	3	U	16.12		
1,2-Dichloropropane	78-87-5	113	6	U	27.73		
Bromodichloromethane	75-27-4	163.8	5	U	33.5		
4-Methyl-2-Pentanone	108-10-1	100.2	6	U	24.59		
Toluene	108-88-3	92.14	13	JD	48.99		
t-1,3-Dichloropropene	10061-02-6	111	7	U	31.78		
cis-1,3-Dichloropropene	10061-01-5	111	6	U	27.24		
1,1,2-Trichloroethane	79-00-5	133.4	8	U	43.65		
Dibromochloromethane	124-48-1	208.3	5	U	42.6		
1,2-Dibromoethane	106-93-4	187.9	7	U	53.8		
Tetrachloroethene	127-18-4	165.8	740	D	5018.08		
Chlorobenzene	108-90-7	112.6	9	U	41.45		
Ethyl Benzene	100-41-4	106.2	8	U	34.75		
m/p-Xylene	179601-23-1	106.2	11	U	47.78		
o-Xylene	95-47-6	106.2	7	U	30.4		
Styrene	100-42-5	104.1	7	U	29.8		
Bromoform	75-25-2	252.8	5	U	51.7		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	10	U	68.67		
2-Chlorotoluene	95-49-8	126.6	10	U	51.78		
1,3,5-Trimethylbenzene	108-67-8	120.2	9	U	44.25		

1,2,4-Trimethylbenzene	95-63-6	120.2	10	U	49.16		
4-Ethyltoluene	622-96-8	120.2	8	U	39.33		
1,3-Dichlorobenzene	541-73-1	147	8	U	48.1		
1,4-Dichlorobenzene	106-46-7	147	6	U	36.07		
1,2-Dichlorobenzene	95-50-1	147	7	U	42.09		
1,2,4-Trichlorobenzene	120-82-1	181.5	4	U	29.69		
Hexachloro-1,3-Butadiene	87-68-3	260.8	8	U	85.33		
1,3-Butadiene	106-99-0	54.09	9	U	19.91		
Hexane	110-54-3	86.17	4	U	14.1		

Chemical	CAS Number	Molecular Weight	Insert Results in ppbv	Q	Generates Results in ug/m3	QAS Decision	Foot-Notes
Dichlorodifluoromethane	75-71-8	120.9	0.59		2.92		
tert-Butyl alcohol	75-65-0	74.12	12		36.38		
Chloromethane	74-87-3	50.49	0.06	U	0.12		
Methyl Methacrylate	80-62-6	100.117	0.1	U	0.41		
Vinyl Chloride	75-01-4	62.5	0.17	J	0.43		
Bromomethane	74-83-9	94.94	0.03	U	0.12		
Chloroethane	75-00-3	64.52	0.71		1.87		
Trichlorofluoromethane	75-69-4	137.4	2.4		13.49		
Dichlorotetrafluoroethane	76-14-2	170.9	0.04	U	0.28		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	0.04	U	0.31		
Bromoethene	593-60-2	106.9	0.03	U	0.13		
Heptane	142-82-5	100.2	25	E	102.45		
1,1-Dichloroethene	75-35-4	96.94	0.05	U	0.2		
Acetone	67-64-1	58.08	110	E	261.3		
Carbon Disulfide	75-15-0	76.14	1.4		4.36		
Methyl tert-Butyl Ether	1634-04-4	88.15	0.05	U	0.18		
Methylene Chloride	75-09-2	84.94	29	E	100.75		
Allyl Chloride	107-05-1	76.53	0.05	U	0.16		
trans-1,2-Dichloroethene	156-60-5	96.94	0.06	U	0.24		
1,1-Dichloroethane	75-34-3	98.96	0.53		2.15		
Cyclohexane	110-82-7	84.16	8.3		28.57		
2-Butanone	78-93-3	72.11	29	E	85.53		
Carbon Tetrachloride	56-23-5	153.8	0.03	U	0.19		
cis-1,2-Dichloroethene	156-59-2	96.94	0.49	J	1.94		
Chloroform	67-66-3	119.4	0.02	U	0.1		
1,4-Dioxane	123-91-1	88.12	0.09	U	0.32		
1,1,1-Trichloroethane	71-55-6	133.4	0.03	U	0.16		
Tetrahydrofuran	109-99-9	72.11	3.6		10.62		
2,2,4-Trimethylpentane	540-84-1	114.2	62	E	289.59		
Benzene	71-43-2	78.11	7.1		22.68		
1,2-Dichloroethane	107-06-2	98.96	0.07	U	0.28		
Trichloroethene	79-01-6	131.4	2.8		15.05		
1,2-Dichloropropane	78-87-5	113	0.06	U	0.28		
Bromodichloromethane	75-27-4	163.8	0.05	U	0.33		
4-Methyl-2-Pentanone	108-10-1	100.2	0.06	U	0.25		
Toluene	108-88-3	92.14	31	E	116.82		
t-1,3-Dichloropropene	10061-02-6	111	0.07	U	0.32		
cis-1,3-Dichloropropene	10061-01-5	111	0.06	U	0.27		
1,1,2-Trichloroethane	79-00-5	133.4	0.08	U	0.44		
Dibromochloromethane	124-48-1	208.3	0.05	U	0.43		
1,2-Dibromoethane	106-93-4	187.9	0.07	U	0.54		
Tetrachloroethene	127-18-4	165.8	160	E	1084.99		
Chlorobenzene	108-90-7	112.6	0.09	U	0.41		
Ethyl Benzene	100-41-4	106.2	7.6		33.01		
m/p-Xylene	179601-23-1	106.2	20		86.87		
o-Xylene	95-47-6	106.2	7.2		31.27		
Styrene	100-42-5	104.1	0.07	U	0.3		
Bromoform	75-25-2	252.8	0.05	U	0.52		
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	2.1		10.32		

1,2,4-Trimethylbenzene	95-63-6	120.2	6.3		30.97		
4-Ethyltoluene	622-96-8	120.2	3.1		15.24		
1,3-Dichlorobenzene	541-73-1	147	0.08	U	0.48		
1,4-Dichlorobenzene	106-46-7	147	0.06	U	0.36		
1,2-Dichlorobenzene	95-50-1	147	0.07	U	0.42		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.04	U	0.3		
Hexachloro-1,3-Butadiene	87-68-3	260.8	0.08	U	0.85		
1,3-Butadiene	106-99-0	54.09	0.09	U	0.2		
Hexane	110-54-3	86.17	24	E	84.58		

Chemical	CAS Number	Molecular Weight	Insert Results in ppbv	Q	Generates Results in ug/m3	QAS Decision	Foot-Notes
Dichlorodifluoromethane	75-71-8	120.9	1.3	JD	6.43		
tert-Butyl alcohol	75-65-0	74.12	9.3	D	28.19		
Chloromethane	74-87-3	50.49	0.6	U	1.24		
Methyl Methacrylate	80-62-6	100.117	1	U	4.09		
Vinyl Chloride	75-01-4	62.5	0.7	U	1.79		
Bromomethane	74-83-9	94.94	0.3	U	1.16		
Chloroethane	75-00-3	64.52	0.7	U	1.85		
Trichlorofluoromethane	75-69-4	137.4	2	JD	11.24		
Dichlorotetrafluoroethane	76-14-2	170.9	0.4	U	2.8		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	0.4	U	3.07		
Bromoethene	593-60-2	106.9	0.3	U	1.31		
Heptane	142-82-5	100.2	22	D	90.16		
1,1-Dichloroethene	75-35-4	96.94	0.5	U	1.98		
Acetone	67-64-1	58.08	330	ED	783.9		
Carbon Disulfide	75-15-0	76.14	1.2	JD	3.74		
Methyl tert-Butyl Ether	1634-04-4	88.15	0.5	U	1.8		
Methylene Chloride	75-09-2	84.94	28	D	97.27		
Allyl Chloride	107-05-1	76.53	0.5	U	1.57		
trans-1,2-Dichloroethene	156-60-5	96.94	0.6	U	2.38		
1,1-Dichloroethane	75-34-3	98.96	0.4	U	1.62		
Cyclohexane	110-82-7	84.16	8.1	D	27.88		
2-Butanone	78-93-3	72.11	28	D	82.58		
Carbon Tetrachloride	56-23-5	153.8	0.3	U	1.89		
cis-1,2-Dichloroethene	156-59-2	96.94	0.6	U	2.38		
Chloroform	67-66-3	119.4	0.2	U	0.98		
1,4-Dioxane	123-91-1	88.12	0.9	U	3.24		
1,1,1-Trichloroethane	71-55-6	133.4	0.3	U	1.64		
Tetrahydrofuran	109-99-9	72.11	2.6	JD	7.67		
2,2,4-Trimethylpentane	540-84-1	114.2	210	ED	980.86		
Benzene	71-43-2	78.11	7.5	D	23.96		
1,2-Dichloroethane	107-06-2	98.96	0.7	U	2.83		
Trichloroethene	79-01-6	131.4	2.7	D	14.51		
1,2-Dichloropropane	78-87-5	113	0.6	U	2.77		
Bromodichloromethane	75-27-4	163.8	0.5	U	3.35		
4-Methyl-2-Pentanone	108-10-1	100.2	0.6	U	2.46		
Toluene	108-88-3	92.14	31	D	116.82		
t-1,3-Dichloropropene	10061-02-6	111	0.7	U	3.18		
cis-1,3-Dichloropropene	10061-01-5	111	0.6	U	2.72		
1,1,2-Trichloroethane	79-00-5	133.4	0.8	U	4.36		
Dibromochloromethane	124-48-1	208.3	0.5	U	4.26		
1,2-Dibromoethane	106-93-4	187.9	0.7	U	5.38		
Tetrachloroethene	127-18-4	165.8	510	ED	3458.4		
Chlorobenzene	108-90-7	112.6	0.9	U	4.14		
Ethyl Benzene	100-41-4	106.2	6.8	D	29.54		
m/p-Xylene	179601-23-1	106.2	18	D	78.18		
o-Xylene	95-47-6	106.2	6.3	D	27.36		
Styrene	100-42-5	104.1	0.7	U	2.98		
Bromoform	75-25-2	252.8	0.5	U	5.17		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	1	U	6.87		
2-Chlorotoluene	95-49-8	126.6	1	U	5.18		
1,3,5-Trimethylbenzene	108-67-8	120.2	1.6	JD	7.87		

1,2,4-Trimethylbenzene	95-63-6	120.2	5	JD	24.58		
4-Ethyltoluene	622-96-8	120.2	2.6	JD	12.78		
1,3-Dichlorobenzene	541-73-1	147	0.8	U	4.81		
1,4-Dichlorobenzene	106-46-7	147	0.6	U	3.61		
1,2-Dichlorobenzene	95-50-1	147	0.7	U	4.21		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.4	U	2.97		
Hexachloro-1,3-Butadiene	87-68-3	260.8	0.8	U	8.53		
1,3-Butadiene	106-99-0	54.09	0.9	U	1.99		
Hexane	110-54-3	86.17	24	D	84.58		

Chemical	CAS Number	Molecular Weight	Insert Results in ppbv	Q	Generates Results in ug/m3	QAS Decision	Foot-Notes
Dichlorodifluoromethane	75-71-8	120.9	8	U	39.56		
tert-Butyl alcohol	75-65-0	74.12	20	U	60.63		
Chloromethane	74-87-3	50.49	12	U	24.78		
Methyl Methacrylate	80-62-6	100.117	20	U	81.9		
Vinyl Chloride	75-01-4	62.5	14	U	35.79		
Bromomethane	74-83-9	94.94	6	U	23.3		
Chloroethane	75-00-3	64.52	14	U	36.94		
Trichlorofluoromethane	75-69-4	137.4	8	U	44.96		
Dichlorotetrafluoroethane	76-14-2	170.9	8	U	55.92		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	8	U	61.32		
Bromoethene	593-60-2	106.9	6	U	26.23		
Heptane	142-82-5	100.2	12	U	49.18		
1,1-Dichloroethene	75-35-4	96.94	10	U	39.65		
Acetone	67-64-1	58.08	420	D	997.69		
Carbon Disulfide	75-15-0	76.14	10	U	31.14		
Methyl tert-Butyl Ether	1634-04-4	88.15	10	U	36.05		
Methylene Chloride	75-09-2	84.94	52	JD	180.65		
Allyl Chloride	107-05-1	76.53	10	U	31.3		
trans-1,2-Dichloroethene	156-60-5	96.94	12	U	47.58		
1,1-Dichloroethane	75-34-3	98.96	8	U	32.38		
Cyclohexane	110-82-7	84.16	16	U	55.07		
2-Butanone	78-93-3	72.11	20	JD	58.99		
Carbon Tetrachloride	56-23-5	153.8	6	U	37.74		
cis-1,2-Dichloroethene	156-59-2	96.94	12	U	47.58		
Chloroform	67-66-3	119.4	4	U	19.53		
1,4-Dioxane	123-91-1	88.12	18	U	64.87		
1,1,1-Trichloroethane	71-55-6	133.4	6	U	32.74		
Tetrahydrofuran	109-99-9	72.11	16	U	47.19		
2,2,4-Trimethylpentane	540-84-1	114.2	240	D	1120.98		
Benzene	71-43-2	78.11	8	U	25.56		
1,2-Dichloroethane	107-06-2	98.96	14	U	56.66		
Trichloroethene	79-01-6	131.4	6	U	32.25		
1,2-Dichloropropane	78-87-5	113	12	U	55.46		
Bromodichloromethane	75-27-4	163.8	10	U	66.99		
4-Methyl-2-Pentanone	108-10-1	100.2	12	U	49.18		
Toluene	108-88-3	92.14	26	JD	97.98		
t-1,3-Dichloropropene	10061-02-6	111	14	U	63.56		
cis-1,3-Dichloropropene	10061-01-5	111	12	U	54.48		
1,1,2-Trichloroethane	79-00-5	133.4	16	U	87.3		
Dibromochloromethane	124-48-1	208.3	10	U	85.19		
1,2-Dibromoethane	106-93-4	187.9	14	U	107.59		
Tetrachloroethene	127-18-4	165.8	610	D	4136.52		
Chlorobenzene	108-90-7	112.6	18	U	82.9		
Ethyl Benzene	100-41-4	106.2	16	U	69.5		
m/p-Xylene	179601-23-1	106.2	22	U	95.56		
o-Xylene	95-47-6	106.2	14	U	60.81		
Styrene	100-42-5	104.1	14	U	59.61		
Bromoform	75-25-2	252.8	10	U	103.39		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	20	U	137.34		
2-Chlorotoluene	95-49-8	126.6	20	U	103.56		
1,3,5-Trimethylbenzene	108-67-8	120.2	18	U	88.49		

1,2,4-Trimethylbenzene	95-63-6	120.2	20	U	98.32		
4-Ethyltoluene	622-96-8	120.2	16	U	78.66		
1,3-Dichlorobenzene	541-73-1	147	16	U	96.2		
1,4-Dichlorobenzene	106-46-7	147	12	U	72.15		
1,2-Dichlorobenzene	95-50-1	147	14	U	84.17		
1,2,4-Trichlorobenzene	120-82-1	181.5	8	U	59.39		
Hexachloro-1,3-Butadiene	87-68-3	260.8	16	U	170.67		
1,3-Butadiene	106-99-0	54.09	18	U	39.82		
Hexane	110-54-3	86.17	8	U	28.19		

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:	04/05/12
Project:	JSKim 10-01	Date Received:	04/09/12
Client Sample ID:	VP-1	SDG No.:	D2152
Lab Sample ID:	D2152-01	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
VL016787.D	1		04/11/12	VL041112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	0.9	4.45		0.04	0.25	0.5	ppbv
75-65-0	tert-Butyl alcohol	6.6	20.0		0.1	0.25	0.5	ppbv
74-87-3	Chloromethane	0.47	0.97	J	0.06	0.25	0.5	ppbv
80-62-6	Methyl Methacrylate	0.1	0.41	U	0.1	0.25	0.5	ppbv
75-01-4	Vinyl Chloride	0.11	0.28	J	0.07	0.25	0.5	ppbv
74-83-9	Bromomethane	0.03	0.12	U	0.03	0.25	0.5	ppbv
75-00-3	Chloroethane	0.07	0.18	U	0.07	0.25	0.5	ppbv
75-69-4	Trichlorofluoromethane	39	219	E	0.04	0.25	0.5	ppbv
76-14-2	Dichlorotetrafluoroethane	0.04	0.28	U	0.04	0.25	0.5	ppbv
76-13-1	1,1,2-Trichlorotrifluoroethane	0.07	0.54	J	0.04	0.25	0.5	ppbv
593-60-2	Bromoethene	0.03	0.13	U	0.03	0.25	0.5	ppbv
142-82-5	Heptane	11	45.1		0.06	0.25	0.5	ppbv
75-35-4	1,1-Dichloroethene	0.05	0.2	U	0.05	0.25	0.5	ppbv
67-64-1	Acetone	120	285	E	0.1	0.25	0.5	ppbv
75-15-0	Carbon Disulfide	4.8	15.0		0.05	0.25	0.5	ppbv
1634-04-4	Methyl tert-Butyl Ether	0.05	0.18	U	0.05	0.25	0.5	ppbv
75-09-2	Methylene Chloride	12	41.7	Q	0.05	0.25	0.5	ppbv
107-05-1	Allyl Chloride	0.05	0.16	U	0.05	0.25	0.5	ppbv
156-60-5	trans-1,2-Dichloroethene	0.06	0.24	U	0.06	0.25	0.5	ppbv
75-34-3	1,1-Dichloroethane	0.04	0.16	U	0.04	0.25	0.5	ppbv
110-82-7	Cyclohexane	1.2	4.13		0.08	0.25	0.5	ppbv
78-93-3	2-Butanone	28	82.6	E	0.1	0.25	0.5	ppbv
56-23-5	Carbon Tetrachloride	0.05	0.31	J	0.03	0.03	0.06	ppbv
156-59-2	cis-1,2-Dichloroethene	0.13	0.52	J	0.06	0.25	0.5	ppbv
67-66-3	Chloroform	0.63	3.08		0.02	0.25	0.5	ppbv
123-91-1	1,4-Dioxane	0.09	0.32	U	0.09	0.25	0.5	ppbv
71-55-6	1,1,1-Trichloroethane	0.13	0.71		0.03	0.03	0.06	ppbv
109-99-9	Tetrahydrofuran	2.8	8.26		0.08	0.25	0.5	ppbv
540-84-1	2,2,4-Trimethylpentane	1.3	6.07		0.04	0.25	0.5	ppbv
71-43-2	Benzene	4.9	15.6		0.04	0.25	0.5	ppbv
107-06-2	1,2-Dichloroethane	0.07	0.28	U	0.07	0.25	0.5	ppbv
79-01-6	Trichloroethene	0.44	2.36		0.03	0.03	0.06	ppbv
78-87-5	1,2-Dichloropropane	0.06	0.28	U	0.06	0.25	0.5	ppbv
75-27-4	Bromodichloromethane	0.05	0.33	U	0.05	0.25	0.5	ppbv
108-10-1	4-Methyl-2-Pentanone	2.7	11.1		0.06	0.25	0.5	ppbv
108-88-3	Toluene	30	113	E	0.05	0.25	0.5	ppbv
10061-02-6	t-1,3-Dichloropropene	0.07	0.32	U	0.07	0.25	0.5	ppbv
10061-01-5	cis-1,3-Dichloropropene	0.06	0.27	U	0.06	0.25	0.5	ppbv

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:	04/05/12
Project:	JSKim 10-01	Date Received:	04/09/12
Client Sample ID:	VP-1	SDG No.:	D2152
Lab Sample ID:	D2152-01	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
VL016787.D	1		04/11/12	VL041112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.08	0.44	U	0.08	0.25	0.5	ppbv
124-48-1	Dibromochloromethane	0.05	0.43	U	0.05	0.25	0.5	ppbv
106-93-4	1,2-Dibromoethane	0.07	0.54	U	0.07	0.25	0.5	ppbv
127-18-4	Tetrachloroethene	170	1152	E	0.03	0.03	0.06	ppbv
108-90-7	Chlorobenzene	0.09	0.41	U	0.09	0.25	0.5	ppbv
100-41-4	Ethyl Benzene	5.6	24.3		0.08	0.25	0.5	ppbv
179601-23-1	m/p-Xylene	17	73.8		0.11	0.5	1	ppbv
95-47-6	o-Xylene	5.5	23.9		0.07	0.25	0.5	ppbv
100-42-5	Styrene	0.25	1.06	JQ	0.07	0.25	0.5	ppbv
75-25-2	Bromoform	0.05	0.52	U	0.05	0.25	0.5	ppbv
79-34-5	1,1,2,2-Tetrachloroethane	0.1	0.69	U	0.1	0.25	0.5	ppbv
95-49-8	2-Chlorotoluene	0.1	0.52	U	0.1	0.25	0.5	ppbv
108-67-8	1,3,5-Trimethylbenzene	2.2	10.8		0.09	0.25	0.5	ppbv
95-63-6	1,2,4-Trimethylbenzene	7.4	36.4		0.1	0.25	0.5	ppbv
622-96-8	4-Ethyltoluene	2.9	14.3		0.08	0.25	0.5	ppbv
541-73-1	1,3-Dichlorobenzene	0.08	0.48	U	0.08	0.25	0.5	ppbv
106-46-7	1,4-Dichlorobenzene	0.06	0.36	U	0.06	0.25	0.5	ppbv
95-50-1	1,2-Dichlorobenzene	0.07	0.42	U	0.07	0.25	0.5	ppbv
120-82-1	1,2,4-Trichlorobenzene	0.04	0.3	U	0.04	0.25	0.5	ppbv
87-68-3	Hexachloro-1,3-Butadiene	0.08	0.85	U	0.08	0.25	0.5	ppbv
106-99-0	1,3-Butadiene	0.09	0.2	U	0.09	0.25	0.5	ppbv
110-54-3	Hexane	14	49.3		0.04	0.25	0.5	ppbv
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	11.3			65 - 135		113%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	1676380		6.41				
540-36-3	1,4-Difluorobenzene	4268800		7.96				
3114-55-4	Chlorobenzene-d5	3298510		12.94				

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:	04/05/12
Project:	JSKim 10-01	Date Received:	04/09/12
Client Sample ID:	VP-1DL	SDG No.:	D2152
Lab Sample ID:	D2152-01DL	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
VL016788.D	10		04/11/12	VL041112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	1.5	7.42	JD	0.4	2.5	5	ppbv
75-65-0	tert-Butyl alcohol	6.9	20.9	D	1	2.5	5	ppbv
74-87-3	Chloromethane	0.6	1.24	U	0.6	2.5	5	ppbv
80-62-6	Methyl Methacrylate	1	4.09	U	1	2.5	5	ppbv
75-01-4	Vinyl Chloride	0.7	1.79	U	0.7	2.5	5	ppbv
74-83-9	Bromomethane	0.3	1.16	U	0.3	2.5	5	ppbv
75-00-3	Chloroethane	0.7	1.85	U	0.7	2.5	5	ppbv
75-69-4	Trichlorofluoromethane	59	331	D	0.4	2.5	5	ppbv
76-14-2	Dichlorotetrafluoroethane	0.4	2.8	U	0.4	2.5	5	ppbv
76-13-1	1,1,2-Trichlorotrifluoroethane	0.4	3.07	U	0.4	2.5	5	ppbv
593-60-2	Bromoethene	0.3	1.31	U	0.3	2.5	5	ppbv
142-82-5	Heptane	8.8	36.1	D	0.6	2.5	5	ppbv
75-35-4	1,1-Dichloroethene	0.5	1.98	U	0.5	2.5	5	ppbv
67-64-1	Acetone	600	1425	ED	1	2.5	5	ppbv
75-15-0	Carbon Disulfide	4.5	14.0	JD	0.5	2.5	5	ppbv
1634-04-4	Methyl tert-Butyl Ether	0.5	1.8	U	0.5	2.5	5	ppbv
75-09-2	Methylene Chloride	13	45.2	DQ	0.5	2.5	5	ppbv
107-05-1	Allyl Chloride	0.5	1.57	U	0.5	2.5	5	ppbv
156-60-5	trans-1,2-Dichloroethene	0.6	2.38	U	0.6	2.5	5	ppbv
75-34-3	1,1-Dichloroethane	0.4	1.62	U	0.4	2.5	5	ppbv
110-82-7	Cyclohexane	0.8	2.75	U	0.8	2.5	5	ppbv
78-93-3	2-Butanone	23	67.8	D	1	2.5	5	ppbv
56-23-5	Carbon Tetrachloride	0.3	1.89	U	0.3	0.3	0.6	ppbv
156-59-2	cis-1,2-Dichloroethene	0.6	2.38	U	0.6	2.5	5	ppbv
67-66-3	Chloroform	0.2	0.98	U	0.2	2.5	5	ppbv
123-91-1	1,4-Dioxane	0.9	3.24	U	0.9	2.5	5	ppbv
71-55-6	1,1,1-Trichloroethane	0.3	1.64	U	0.3	0.3	0.6	ppbv
109-99-9	Tetrahydrofuran	1.9	5.6	JD	0.8	2.5	5	ppbv
540-84-1	2,2,4-Trimethylpentane	0.8	3.74	JD	0.4	2.5	5	ppbv
71-43-2	Benzene	3.9	12.5	JD	0.4	2.5	5	ppbv
107-06-2	1,2-Dichloroethane	0.7	2.83	U	0.7	2.5	5	ppbv
79-01-6	Trichloroethene	0.4	2.15	JD	0.3	0.3	0.6	ppbv
78-87-5	1,2-Dichloropropane	0.6	2.77	U	0.6	2.5	5	ppbv
75-27-4	Bromodichloromethane	0.5	3.35	U	0.5	2.5	5	ppbv
108-10-1	4-Methyl-2-Pentanone	1.5	6.15	JD	0.6	2.5	5	ppbv
108-88-3	Toluene	26	98.0	D	0.5	2.5	5	ppbv
10061-02-6	t-1,3-Dichloropropene	0.7	3.18	U	0.7	2.5	5	ppbv
10061-01-5	cis-1,3-Dichloropropene	0.6	2.72	U	0.6	2.5	5	ppbv

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:	04/05/12
Project:	JSKim 10-01	Date Received:	04/09/12
Client Sample ID:	VP-1DL	SDG No.:	D2152
Lab Sample ID:	D2152-01DL	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
VL016788.D	10		04/11/12	VL041112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.8	4.36	U	0.8	2.5	5	ppbv
124-48-1	Dibromochloromethane	0.5	4.26	U	0.5	2.5	5	ppbv
106-93-4	1,2-Dibromoethane	0.7	5.38	U	0.7	2.5	5	ppbv
127-18-4	Tetrachloroethene	730	4950	ED	0.3	0.3	0.6	ppbv
108-90-7	Chlorobenzene	0.9	4.14	U	0.9	2.5	5	ppbv
100-41-4	Ethyl Benzene	3.7	16.1	JD	0.8	2.5	5	ppbv
179601-23-1	m/p-Xylene	13	56.5	D	1.1	5	10	ppbv
95-47-6	o-Xylene	3.7	16.1	JD	0.7	2.5	5	ppbv
100-42-5	Styrene	0.7	2.98	UQ	0.7	2.5	5	ppbv
75-25-2	Bromoform	0.5	5.17	U	0.5	2.5	5	ppbv
79-34-5	1,1,2,2-Tetrachloroethane	1	6.87	U	1	2.5	5	ppbv
95-49-8	2-Chlorotoluene	1	5.18	U	1	2.5	5	ppbv
108-67-8	1,3,5-Trimethylbenzene	1.6	7.87	JD	0.9	2.5	5	ppbv
95-63-6	1,2,4-Trimethylbenzene	5.7	28.0	D	1	2.5	5	ppbv
622-96-8	4-Ethyltoluene	2.3	11.3	JD	0.8	2.5	5	ppbv
541-73-1	1,3-Dichlorobenzene	0.8	4.81	U	0.8	2.5	5	ppbv
106-46-7	1,4-Dichlorobenzene	0.6	3.61	U	0.6	2.5	5	ppbv
95-50-1	1,2-Dichlorobenzene	0.7	4.21	U	0.7	2.5	5	ppbv
120-82-1	1,2,4-Trichlorobenzene	0.4	2.97	U	0.4	2.5	5	ppbv
87-68-3	Hexachloro-1,3-Butadiene	0.8	8.53	U	0.8	2.5	5	ppbv
106-99-0	1,3-Butadiene	0.9	1.99	U	0.9	2.5	5	ppbv
110-54-3	Hexane	12	42.3	D	0.4	2.5	5	ppbv
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	10.7			65 - 135		107%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	1525830		6.38				
540-36-3	1,4-Difluorobenzene	4260370		7.94				
3114-55-4	Chlorobenzene-d5	3787030		12.92				

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:	04/05/12
Project:	JSKim 10-01	Date Received:	04/09/12
Client Sample ID:	VP-1DL2	SDG No.:	D2152
Lab Sample ID:	D2152-01DL2	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
VL016796.D	100		04/11/12	VL041112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	4	19.8	U	4	25	50	ppbv
75-65-0	tert-Butyl alcohol	10	30.3	U	10	25	50	ppbv
74-87-3	Chloromethane	6	12.4	U	6	25	50	ppbv
80-62-6	Methyl Methacrylate	10	41.0	U	10	25	50	ppbv
75-01-4	Vinyl Chloride	7	17.9	U	7	25	50	ppbv
74-83-9	Bromomethane	3	11.6	U	3	25	50	ppbv
75-00-3	Chloroethane	7	18.5	U	7	25	50	ppbv
75-69-4	Trichlorofluoromethane	63	354	D	4	25	50	ppbv
76-14-2	Dichlorotetrafluoroethane	4	28.0	U	4	25	50	ppbv
76-13-1	1,1,2-Trichlorotrifluoroethane	4	30.7	U	4	25	50	ppbv
593-60-2	Bromoethene	3	13.1	U	3	25	50	ppbv
142-82-5	Heptane	6	24.6	U	6	25	50	ppbv
75-35-4	1,1-Dichloroethene	5	19.8	U	5	25	50	ppbv
67-64-1	Acetone	680	1615	D	10	25	50	ppbv
75-15-0	Carbon Disulfide	5	15.6	U	5	25	50	ppbv
1634-04-4	Methyl tert-Butyl Ether	5	18.0	U	5	25	50	ppbv
75-09-2	Methylene Chloride	26	90.3	JDQ	5	25	50	ppbv
107-05-1	Allyl Chloride	5	15.6	U	5	25	50	ppbv
156-60-5	trans-1,2-Dichloroethene	6	23.8	U	6	25	50	ppbv
75-34-3	1,1-Dichloroethane	4	16.2	U	4	25	50	ppbv
110-82-7	Cyclohexane	8	27.5	U	8	25	50	ppbv
78-93-3	2-Butanone	20	59.0	JD	10	25	50	ppbv
56-23-5	Carbon Tetrachloride	3	18.9	U	3	3	6	ppbv
156-59-2	cis-1,2-Dichloroethene	6	23.8	U	6	25	50	ppbv
67-66-3	Chloroform	2	9.77	U	2	25	50	ppbv
123-91-1	1,4-Dioxane	9	32.4	U	9	25	50	ppbv
71-55-6	1,1,1-Trichloroethane	3	16.4	U	3	3	6	ppbv
109-99-9	Tetrahydrofuran	8	23.6	U	8	25	50	ppbv
540-84-1	2,2,4-Trimethylpentane	4	18.7	U	4	25	50	ppbv
71-43-2	Benzene	4	12.8	U	4	25	50	ppbv
107-06-2	1,2-Dichloroethane	7	28.3	U	7	25	50	ppbv
79-01-6	Trichloroethene	3	16.1	U	3	3	6	ppbv
78-87-5	1,2-Dichloropropane	6	27.7	U	6	25	50	ppbv
75-27-4	Bromodichloromethane	5	33.5	U	5	25	50	ppbv
108-10-1	4-Methyl-2-Pentanone	6	24.6	U	6	25	50	ppbv
108-88-3	Toluene	13	49.0	JD	5	25	50	ppbv
10061-02-6	t-1,3-Dichloropropene	7	31.8	U	7	25	50	ppbv
10061-01-5	cis-1,3-Dichloropropene	6	27.2	U	6	25	50	ppbv

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:	04/05/12
Project:	JSKim 10-01	Date Received:	04/09/12
Client Sample ID:	VP-1DL2	SDG No.:	D2152
Lab Sample ID:	D2152-01DL2	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
VL016796.D	100		04/11/12	VL041112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	8	43.6	U	8	25	50	ppbv
124-48-1	Dibromochloromethane	5	42.6	U	5	25	50	ppbv
106-93-4	1,2-Dibromoethane	7	53.8	U	7	25	50	ppbv
127-18-4	Tetrachloroethene	740	5018	D	3	3	6	ppbv
108-90-7	Chlorobenzene	9	41.4	U	9	25	50	ppbv
100-41-4	Ethyl Benzene	8	34.8	U	8	25	50	ppbv
179601-23-1	m/p-Xylene	11	47.8	U	11	50	100	ppbv
95-47-6	o-Xylene	7	30.4	U	7	25	50	ppbv
100-42-5	Styrene	7	29.8	UQ	7	25	50	ppbv
75-25-2	Bromoform	5	51.7	U	5	25	50	ppbv
79-34-5	1,1,2,2-Tetrachloroethane	10	68.7	U	10	25	50	ppbv
95-49-8	2-Chlorotoluene	10	51.8	U	10	25	50	ppbv
108-67-8	1,3,5-Trimethylbenzene	9	44.2	U	9	25	50	ppbv
95-63-6	1,2,4-Trimethylbenzene	10	49.2	U	10	25	50	ppbv
622-96-8	4-Ethyltoluene	8	39.3	U	8	25	50	ppbv
541-73-1	1,3-Dichlorobenzene	8	48.1	U	8	25	50	ppbv
106-46-7	1,4-Dichlorobenzene	6	36.1	U	6	25	50	ppbv
95-50-1	1,2-Dichlorobenzene	7	42.1	U	7	25	50	ppbv
120-82-1	1,2,4-Trichlorobenzene	4	29.7	U	4	25	50	ppbv
87-68-3	Hexachloro-1,3-Butadiene	8	85.3	U	8	25	50	ppbv
106-99-0	1,3-Butadiene	9	19.9	U	9	25	50	ppbv
110-54-3	Hexane	4	14.1	U	4	25	50	ppbv
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	9.76			65 - 135		98%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	2265420		6.37				
540-36-3	1,4-Difluorobenzene	6287540		7.93				
3114-55-4	Chlorobenzene-d5	5329470		12.91				

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:	04/05/12
Project:	JSKim 10-01	Date Received:	04/09/12
Client Sample ID:	VP-2	SDG No.:	D2152
Lab Sample ID:	D2152-02	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
VL016790.D	1		04/11/12	VL041112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	0.59	2.92		0.04	0.25	0.5	ppbv
75-65-0	tert-Butyl alcohol	12	36.4		0.1	0.25	0.5	ppbv
74-87-3	Chloromethane	0.06	0.12	U	0.06	0.25	0.5	ppbv
80-62-6	Methyl Methacrylate	0.1	0.41	U	0.1	0.25	0.5	ppbv
75-01-4	Vinyl Chloride	0.17	0.43	J	0.07	0.25	0.5	ppbv
74-83-9	Bromomethane	0.03	0.12	U	0.03	0.25	0.5	ppbv
75-00-3	Chloroethane	0.71	1.87		0.07	0.25	0.5	ppbv
75-69-4	Trichlorofluoromethane	2.4	13.5		0.04	0.25	0.5	ppbv
76-14-2	Dichlorotetrafluoroethane	0.04	0.28	U	0.04	0.25	0.5	ppbv
76-13-1	1,1,2-Trichlorotrifluoroethane	0.04	0.31	U	0.04	0.25	0.5	ppbv
593-60-2	Bromoethene	0.03	0.13	U	0.03	0.25	0.5	ppbv
142-82-5	Heptane	25	102	E	0.06	0.25	0.5	ppbv
75-35-4	1,1-Dichloroethene	0.05	0.2	U	0.05	0.25	0.5	ppbv
67-64-1	Acetone	110	261	E	0.1	0.25	0.5	ppbv
75-15-0	Carbon Disulfide	1.4	4.36		0.05	0.25	0.5	ppbv
1634-04-4	Methyl tert-Butyl Ether	0.05	0.18	U	0.05	0.25	0.5	ppbv
75-09-2	Methylene Chloride	29	100	EQ	0.05	0.25	0.5	ppbv
107-05-1	Allyl Chloride	0.05	0.16	U	0.05	0.25	0.5	ppbv
156-60-5	trans-1,2-Dichloroethene	0.06	0.24	U	0.06	0.25	0.5	ppbv
75-34-3	1,1-Dichloroethane	0.53	2.15		0.04	0.25	0.5	ppbv
110-82-7	Cyclohexane	8.3	28.6		0.08	0.25	0.5	ppbv
78-93-3	2-Butanone	29	85.5	E	0.1	0.25	0.5	ppbv
56-23-5	Carbon Tetrachloride	0.03	0.19	U	0.03	0.03	0.06	ppbv
156-59-2	cis-1,2-Dichloroethene	0.49	1.94	J	0.06	0.25	0.5	ppbv
67-66-3	Chloroform	0.02	0.1	U	0.02	0.25	0.5	ppbv
123-91-1	1,4-Dioxane	0.09	0.32	U	0.09	0.25	0.5	ppbv
71-55-6	1,1,1-Trichloroethane	0.03	0.16	U	0.03	0.03	0.06	ppbv
109-99-9	Tetrahydrofuran	3.6	10.6		0.08	0.25	0.5	ppbv
540-84-1	2,2,4-Trimethylpentane	62	289	E	0.04	0.25	0.5	ppbv
71-43-2	Benzene	7.1	22.7		0.04	0.25	0.5	ppbv
107-06-2	1,2-Dichloroethane	0.07	0.28	U	0.07	0.25	0.5	ppbv
79-01-6	Trichloroethene	2.8	15.0		0.03	0.03	0.06	ppbv
78-87-5	1,2-Dichloropropane	0.06	0.28	U	0.06	0.25	0.5	ppbv
75-27-4	Bromodichloromethane	0.05	0.33	U	0.05	0.25	0.5	ppbv
108-10-1	4-Methyl-2-Pentanone	0.06	0.25	U	0.06	0.25	0.5	ppbv
108-88-3	Toluene	31	116	E	0.05	0.25	0.5	ppbv
10061-02-6	t-1,3-Dichloropropene	0.07	0.32	U	0.07	0.25	0.5	ppbv
10061-01-5	cis-1,3-Dichloropropene	0.06	0.27	U	0.06	0.25	0.5	ppbv

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:	04/05/12
Project:	JSKim 10-01	Date Received:	04/09/12
Client Sample ID:	VP-2	SDG No.:	D2152
Lab Sample ID:	D2152-02	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
VL016790.D	1		04/11/12	VL041112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.08	0.44	U	0.08	0.25	0.5	ppbv
124-48-1	Dibromochloromethane	0.05	0.43	U	0.05	0.25	0.5	ppbv
106-93-4	1,2-Dibromoethane	0.07	0.54	U	0.07	0.25	0.5	ppbv
127-18-4	Tetrachloroethene	160	1084	E	0.03	0.03	0.06	ppbv
108-90-7	Chlorobenzene	0.09	0.41	U	0.09	0.25	0.5	ppbv
100-41-4	Ethyl Benzene	7.6	33.0		0.08	0.25	0.5	ppbv
179601-23-1	m/p-Xylene	20	86.9		0.11	0.5	1	ppbv
95-47-6	o-Xylene	7.2	31.3		0.07	0.25	0.5	ppbv
100-42-5	Styrene	0.07	0.3	UQ	0.07	0.25	0.5	ppbv
75-25-2	Bromoform	0.05	0.52	U	0.05	0.25	0.5	ppbv
79-34-5	1,1,2,2-Tetrachloroethane	0.1	0.69	U	0.1	0.25	0.5	ppbv
95-49-8	2-Chlorotoluene	0.1	0.52	U	0.1	0.25	0.5	ppbv
108-67-8	1,3,5-Trimethylbenzene	2.1	10.3		0.09	0.25	0.5	ppbv
95-63-6	1,2,4-Trimethylbenzene	6.3	31.0		0.1	0.25	0.5	ppbv
622-96-8	4-Ethyltoluene	3.1	15.2		0.08	0.25	0.5	ppbv
541-73-1	1,3-Dichlorobenzene	0.08	0.48	U	0.08	0.25	0.5	ppbv
106-46-7	1,4-Dichlorobenzene	0.06	0.36	U	0.06	0.25	0.5	ppbv
95-50-1	1,2-Dichlorobenzene	0.07	0.42	U	0.07	0.25	0.5	ppbv
120-82-1	1,2,4-Trichlorobenzene	0.04	0.3	U	0.04	0.25	0.5	ppbv
87-68-3	Hexachloro-1,3-Butadiene	0.08	0.85	U	0.08	0.25	0.5	ppbv
106-99-0	1,3-Butadiene	0.09	0.2	U	0.09	0.25	0.5	ppbv
110-54-3	Hexane	24	84.6	E	0.04	0.25	0.5	ppbv
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	17.5		*	65 - 135		175%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	1444640		6.39				
540-36-3	1,4-Difluorobenzene	4501400		7.95				
3114-55-4	Chlorobenzene-d5	4441050		12.94				

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:	04/05/12
Project:	JSKim 10-01	Date Received:	04/09/12
Client Sample ID:	VP-2DL	SDG No.:	D2152
Lab Sample ID:	D2152-02DL	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
VL016791.D	10		04/11/12	VL041112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	1.3	6.43	JD	0.4	2.5	5	ppbv
75-65-0	tert-Butyl alcohol	9.3	28.2	D	1	2.5	5	ppbv
74-87-3	Chloromethane	0.6	1.24	U	0.6	2.5	5	ppbv
80-62-6	Methyl Methacrylate	1	4.09	U	1	2.5	5	ppbv
75-01-4	Vinyl Chloride	0.7	1.79	U	0.7	2.5	5	ppbv
74-83-9	Bromomethane	0.3	1.16	U	0.3	2.5	5	ppbv
75-00-3	Chloroethane	0.7	1.85	U	0.7	2.5	5	ppbv
75-69-4	Trichlorofluoromethane	2	11.2	JD	0.4	2.5	5	ppbv
76-14-2	Dichlorotetrafluoroethane	0.4	2.8	U	0.4	2.5	5	ppbv
76-13-1	1,1,2-Trichlorotrifluoroethane	0.4	3.07	U	0.4	2.5	5	ppbv
593-60-2	Bromoethene	0.3	1.31	U	0.3	2.5	5	ppbv
142-82-5	Heptane	22	90.2	D	0.6	2.5	5	ppbv
75-35-4	1,1-Dichloroethene	0.5	1.98	U	0.5	2.5	5	ppbv
67-64-1	Acetone	330	783	ED	1	2.5	5	ppbv
75-15-0	Carbon Disulfide	1.2	3.74	JD	0.5	2.5	5	ppbv
1634-04-4	Methyl tert-Butyl Ether	0.5	1.8	U	0.5	2.5	5	ppbv
75-09-2	Methylene Chloride	28	97.3	DQ	0.5	2.5	5	ppbv
107-05-1	Allyl Chloride	0.5	1.57	U	0.5	2.5	5	ppbv
156-60-5	trans-1,2-Dichloroethene	0.6	2.38	U	0.6	2.5	5	ppbv
75-34-3	1,1-Dichloroethane	0.4	1.62	U	0.4	2.5	5	ppbv
110-82-7	Cyclohexane	8.1	27.9	D	0.8	2.5	5	ppbv
78-93-3	2-Butanone	28	82.6	D	1	2.5	5	ppbv
56-23-5	Carbon Tetrachloride	0.3	1.89	U	0.3	0.3	0.6	ppbv
156-59-2	cis-1,2-Dichloroethene	0.6	2.38	U	0.6	2.5	5	ppbv
67-66-3	Chloroform	0.2	0.98	U	0.2	2.5	5	ppbv
123-91-1	1,4-Dioxane	0.9	3.24	U	0.9	2.5	5	ppbv
71-55-6	1,1,1-Trichloroethane	0.3	1.64	U	0.3	0.3	0.6	ppbv
109-99-9	Tetrahydrofuran	2.6	7.67	JD	0.8	2.5	5	ppbv
540-84-1	2,2,4-Trimethylpentane	210	980	ED	0.4	2.5	5	ppbv
71-43-2	Benzene	7.5	24.0	D	0.4	2.5	5	ppbv
107-06-2	1,2-Dichloroethane	0.7	2.83	U	0.7	2.5	5	ppbv
79-01-6	Trichloroethene	2.7	14.5	D	0.3	0.3	0.6	ppbv
78-87-5	1,2-Dichloropropane	0.6	2.77	U	0.6	2.5	5	ppbv
75-27-4	Bromodichloromethane	0.5	3.35	U	0.5	2.5	5	ppbv
108-10-1	4-Methyl-2-Pentanone	0.6	2.46	U	0.6	2.5	5	ppbv
108-88-3	Toluene	31	116	D	0.5	2.5	5	ppbv
10061-02-6	t-1,3-Dichloropropene	0.7	3.18	U	0.7	2.5	5	ppbv
10061-01-5	cis-1,3-Dichloropropene	0.6	2.72	U	0.6	2.5	5	ppbv

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:	04/05/12
Project:	JSKim 10-01	Date Received:	04/09/12
Client Sample ID:	VP-2DL	SDG No.:	D2152
Lab Sample ID:	D2152-02DL	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
VL016791.D	10		04/11/12	VL041112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.8	4.36	U	0.8	2.5	5	ppbv
124-48-1	Dibromochloromethane	0.5	4.26	U	0.5	2.5	5	ppbv
106-93-4	1,2-Dibromoethane	0.7	5.38	U	0.7	2.5	5	ppbv
127-18-4	Tetrachloroethene	510	3458	ED	0.3	0.3	0.6	ppbv
108-90-7	Chlorobenzene	0.9	4.14	U	0.9	2.5	5	ppbv
100-41-4	Ethyl Benzene	6.8	29.5	D	0.8	2.5	5	ppbv
179601-23-1	m/p-Xylene	18	78.2	D	1.1	5	10	ppbv
95-47-6	o-Xylene	6.3	27.4	D	0.7	2.5	5	ppbv
100-42-5	Styrene	0.7	2.98	UQ	0.7	2.5	5	ppbv
75-25-2	Bromoform	0.5	5.17	U	0.5	2.5	5	ppbv
79-34-5	1,1,2,2-Tetrachloroethane	1	6.87	U	1	2.5	5	ppbv
95-49-8	2-Chlorotoluene	1	5.18	U	1	2.5	5	ppbv
108-67-8	1,3,5-Trimethylbenzene	1.6	7.87	JD	0.9	2.5	5	ppbv
95-63-6	1,2,4-Trimethylbenzene	5	24.6	JD	1	2.5	5	ppbv
622-96-8	4-Ethyltoluene	2.6	12.8	JD	0.8	2.5	5	ppbv
541-73-1	1,3-Dichlorobenzene	0.8	4.81	U	0.8	2.5	5	ppbv
106-46-7	1,4-Dichlorobenzene	0.6	3.61	U	0.6	2.5	5	ppbv
95-50-1	1,2-Dichlorobenzene	0.7	4.21	U	0.7	2.5	5	ppbv
120-82-1	1,2,4-Trichlorobenzene	0.4	2.97	U	0.4	2.5	5	ppbv
87-68-3	Hexachloro-1,3-Butadiene	0.8	8.53	U	0.8	2.5	5	ppbv
106-99-0	1,3-Butadiene	0.9	1.99	U	0.9	2.5	5	ppbv
110-54-3	Hexane	24	84.6	D	0.4	2.5	5	ppbv
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	10.6			65 - 135		106%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	2385880		6.37				
540-36-3	1,4-Difluorobenzene	7497670		7.93				
3114-55-4	Chlorobenzene-d5	6662020		12.91				

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:	04/05/12
Project:	JSKim 10-01	Date Received:	04/09/12
Client Sample ID:	VP-2DL2	SDG No.:	D2152
Lab Sample ID:	D2152-02DL2	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
VL016797.D	200		04/11/12	VL041112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	8	39.6	U	8	50	100	ppbv
75-65-0	tert-Butyl alcohol	20	60.6	U	20	50	100	ppbv
74-87-3	Chloromethane	12	24.8	U	12	50	100	ppbv
80-62-6	Methyl Methacrylate	20	81.9	U	20	50	100	ppbv
75-01-4	Vinyl Chloride	14	35.8	U	14	50	100	ppbv
74-83-9	Bromomethane	6	23.3	U	6	50	100	ppbv
75-00-3	Chloroethane	14	36.9	U	14	50	100	ppbv
75-69-4	Trichlorofluoromethane	8	45.0	U	8	50	100	ppbv
76-14-2	Dichlorotetrafluoroethane	8	55.9	U	8	50	100	ppbv
76-13-1	1,1,2-Trichlorotrifluoroethane	8	61.3	U	8	50	100	ppbv
593-60-2	Bromoethene	6	26.2	U	6	50	100	ppbv
142-82-5	Heptane	12	49.2	U	12	50	100	ppbv
75-35-4	1,1-Dichloroethene	10	39.6	U	10	50	100	ppbv
67-64-1	Acetone	420	997	D	20	50	100	ppbv
75-15-0	Carbon Disulfide	10	31.1	U	10	50	100	ppbv
1634-04-4	Methyl tert-Butyl Ether	10	36.0	U	10	50	100	ppbv
75-09-2	Methylene Chloride	52	180	JDQ	10	50	100	ppbv
107-05-1	Allyl Chloride	10	31.3	U	10	50	100	ppbv
156-60-5	trans-1,2-Dichloroethene	12	47.6	U	12	50	100	ppbv
75-34-3	1,1-Dichloroethane	8	32.4	U	8	50	100	ppbv
110-82-7	Cyclohexane	16	55.1	U	16	50	100	ppbv
78-93-3	2-Butanone	20	59.0	JD	20	50	100	ppbv
56-23-5	Carbon Tetrachloride	6	37.7	U	6	6	12	ppbv
156-59-2	cis-1,2-Dichloroethene	12	47.6	U	12	50	100	ppbv
67-66-3	Chloroform	4	19.5	U	4	50	100	ppbv
123-91-1	1,4-Dioxane	18	64.9	U	18	50	100	ppbv
71-55-6	1,1,1-Trichloroethane	6	32.7	U	6	6	12	ppbv
109-99-9	Tetrahydrofuran	16	47.2	U	16	50	100	ppbv
540-84-1	2,2,4-Trimethylpentane	240	1120	D	8	50	100	ppbv
71-43-2	Benzene	8	25.6	U	8	50	100	ppbv
107-06-2	1,2-Dichloroethane	14	56.7	U	14	50	100	ppbv
79-01-6	Trichloroethene	6	32.2	U	6	6	12	ppbv
78-87-5	1,2-Dichloropropane	12	55.5	U	12	50	100	ppbv
75-27-4	Bromodichloromethane	10	67.0	U	10	50	100	ppbv
108-10-1	4-Methyl-2-Pentanone	12	49.2	U	12	50	100	ppbv
108-88-3	Toluene	26	98.0	JD	10	50	100	ppbv
10061-02-6	t-1,3-Dichloropropene	14	63.6	U	14	50	100	ppbv
10061-01-5	cis-1,3-Dichloropropene	12	54.5	U	12	50	100	ppbv

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:	04/05/12
Project:	JSKim 10-01	Date Received:	04/09/12
Client Sample ID:	VP-2DL2	SDG No.:	D2152
Lab Sample ID:	D2152-02DL2	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
VL016797.D	200		04/11/12	VL041112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	16	87.3	U	16	50	100	ppbv
124-48-1	Dibromochloromethane	10	85.2	U	10	50	100	ppbv
106-93-4	1,2-Dibromoethane	14	107	U	14	50	100	ppbv
127-18-4	Tetrachloroethene	610	4136	D	6	6	12	ppbv
108-90-7	Chlorobenzene	18	82.9	U	18	50	100	ppbv
100-41-4	Ethyl Benzene	16	69.5	U	16	50	100	ppbv
179601-23-1	m/p-Xylene	22	95.6	U	22	100	200	ppbv
95-47-6	o-Xylene	14	60.8	U	14	50	100	ppbv
100-42-5	Styrene	14	59.6	UQ	14	50	100	ppbv
75-25-2	Bromoform	10	103	U	10	50	100	ppbv
79-34-5	1,1,2,2-Tetrachloroethane	20	137	U	20	50	100	ppbv
95-49-8	2-Chlorotoluene	20	103	U	20	50	100	ppbv
108-67-8	1,3,5-Trimethylbenzene	18	88.5	U	18	50	100	ppbv
95-63-6	1,2,4-Trimethylbenzene	20	98.3	U	20	50	100	ppbv
622-96-8	4-Ethyltoluene	16	78.7	U	16	50	100	ppbv
541-73-1	1,3-Dichlorobenzene	16	96.2	U	16	50	100	ppbv
106-46-7	1,4-Dichlorobenzene	12	72.2	U	12	50	100	ppbv
95-50-1	1,2-Dichlorobenzene	14	84.2	U	14	50	100	ppbv
120-82-1	1,2,4-Trichlorobenzene	8	59.4	U	8	50	100	ppbv
87-68-3	Hexachloro-1,3-Butadiene	16	170	U	16	50	100	ppbv
106-99-0	1,3-Butadiene	18	39.8	U	18	50	100	ppbv
110-54-3	Hexane	8	28.2	U	8	50	100	ppbv
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	10.2			65 - 135		102%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	1819240		6.37				
540-36-3	1,4-Difluorobenzene	4784610		7.93				
3114-55-4	Chlorobenzene-d5	4239920		12.91				

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:	04/16/12
Project:	JSKim 10-01	Date Received:	04/17/12
Client Sample ID:	VP-3	SDG No.:	D2152
Lab Sample ID:	D2152-04	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
VM009714.D	1		04/19/12	VM041912

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	0.13	0.64	JQ	0.04	0.25	0.5	ppbv
75-65-0	tert-butyl alcohol	0.46	1.39	J	0.1	0.25	0.5	ppbv
74-87-3	Chloromethane	0.29	0.6	J	0.06	0.25	0.5	ppbv
80-62-6	Methyl Methacrylate	0.1	0.41	U	0.1	0.25	0.5	ppbv
75-01-4	Vinyl Chloride	0.07	0.18	U	0.07	0.25	0.5	ppbv
74-83-9	Bromomethane	0.03	0.12	U	0.03	0.25	0.5	ppbv
75-00-3	Chloroethane	0.07	0.18	U	0.07	0.25	0.5	ppbv
75-69-4	Trichlorofluoromethane	1.1	6.18		0.04	0.25	0.5	ppbv
76-14-2	Dichlorotetrafluoroethane	0.04	0.28	U	0.04	0.25	0.5	ppbv
76-13-1	1,1,2-Trichlorotrifluoroethane	0.04	0.31	J	0.04	0.25	0.5	ppbv
593-60-2	Bromoethene	0.03	0.13	U	0.03	0.25	0.5	ppbv
142-82-5	Heptane	0.37	1.52	J	0.06	0.25	0.5	ppbv
75-35-4	1,1-Dichloroethene	0.05	0.2	U	0.05	0.25	0.5	ppbv
67-64-1	Acetone	26	61.8	E	0.1	0.25	0.5	ppbv
75-15-0	Carbon Disulfide	0.42	1.31	J	0.05	0.25	0.5	ppbv
1634-04-4	Methyl tert-Butyl Ether	0.05	0.18	U	0.05	0.25	0.5	ppbv
75-09-2	Methylene Chloride	0.83	2.88		0.05	0.25	0.5	ppbv
107-05-1	Allyl Chloride	0.05	0.16	U	0.05	0.25	0.5	ppbv
156-60-5	trans-1,2-Dichloroethene	0.06	0.24	U	0.06	0.25	0.5	ppbv
75-34-3	1,1-Dichloroethane	0.04	0.16	U	0.04	0.25	0.5	ppbv
110-82-7	Cyclohexane	0.08	0.28	U	0.08	0.25	0.5	ppbv
78-93-3	2-Butanone	1.3	3.83		0.1	0.25	0.5	ppbv
56-23-5	Carbon Tetrachloride	0.03	0.19	U	0.03	0.03	0.06	ppbv
156-59-2	cis-1,2-Dichloroethene	0.06	0.24	U	0.06	0.25	0.5	ppbv
67-66-3	Chloroform	0.02	0.1	U	0.02	0.25	0.5	ppbv
123-91-1	1,4-Dioxane	0.09	0.32	U	0.09	0.25	0.5	ppbv
71-55-6	1,1,1-Trichloroethane	0.03	0.16	U	0.03	0.03	0.06	ppbv
109-99-9	Tetrahydrofuran	0.08	0.24	U	0.08	0.25	0.5	ppbv
540-84-1	2,2,4-Trimethylpentane	0.13	0.61	J	0.04	0.25	0.5	ppbv
71-43-2	Benzene	0.23	0.73	J	0.04	0.25	0.5	ppbv
107-06-2	1,2-Dichloroethane	0.07	0.28	U	0.07	0.25	0.5	ppbv
79-01-6	Trichloroethene	0.2	1.07		0.03	0.03	0.06	ppbv
78-87-5	1,2-Dichloropropane	0.06	0.28	U	0.06	0.25	0.5	ppbv
75-27-4	Bromodichloromethane	0.05	0.33	U	0.05	0.25	0.5	ppbv
108-10-1	4-Methyl-2-Pentanone	0.06	0.25	U	0.06	0.25	0.5	ppbv
108-88-3	Toluene	1.4	5.28		0.05	0.25	0.5	ppbv
10061-02-6	t-1,3-Dichloropropene	0.07	0.32	U	0.07	0.25	0.5	ppbv
10061-01-5	cis-1,3-Dichloropropene	0.06	0.27	U	0.06	0.25	0.5	ppbv

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:	04/16/12
Project:	JSKim 10-01	Date Received:	04/17/12
Client Sample ID:	VP-3	SDG No.:	D2152
Lab Sample ID:	D2152-04	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
VM009714.D	1		04/19/12	VM041912

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.08	0.44	U	0.08	0.25	0.5	ppbv
124-48-1	Dibromochloromethane	0.05	0.43	U	0.05	0.25	0.5	ppbv
106-93-4	1,2-Dibromoethane	0.07	0.54	U	0.07	0.25	0.5	ppbv
127-18-4	Tetrachloroethene	37	250	E	0.03	0.03	0.06	ppbv
108-90-7	Chlorobenzene	0.09	0.41	U	0.09	0.25	0.5	ppbv
100-41-4	Ethyl Benzene	0.25	1.09	J	0.08	0.25	0.5	ppbv
179601-23-1	m/p-Xylene	0.9	3.91	J	0.11	0.5	1	ppbv
95-47-6	o-Xylene	0.32	1.39	J	0.07	0.25	0.5	ppbv
100-42-5	Styrene	0.07	0.3	U	0.07	0.25	0.5	ppbv
75-25-2	Bromoform	0.05	0.52	U	0.05	0.25	0.5	ppbv
79-34-5	1,1,2,2-Tetrachloroethane	0.1	0.69	U	0.1	0.25	0.5	ppbv
95-49-8	2-Chlorotoluene	0.1	0.52	U	0.1	0.25	0.5	ppbv
108-67-8	1,3,5-Trimethylbenzene	0.14	0.69	J	0.09	0.25	0.5	ppbv
95-63-6	1,2,4-Trimethylbenzene	0.53	2.61		0.1	0.25	0.5	ppbv
622-96-8	4-Ethyltoluene	0.15	0.74	J	0.08	0.25	0.5	ppbv
541-73-1	1,3-Dichlorobenzene	0.08	0.48	U	0.08	0.25	0.5	ppbv
106-46-7	1,4-Dichlorobenzene	0.06	0.36	U	0.06	0.25	0.5	ppbv
95-50-1	1,2-Dichlorobenzene	0.07	0.42	U	0.07	0.25	0.5	ppbv
120-82-1	1,2,4-Trichlorobenzene	0.04	0.3	U	0.04	0.25	0.5	ppbv
87-68-3	Hexachloro-1,3-Butadiene	0.08	0.85	U	0.08	0.25	0.5	ppbv
106-99-0	1,3-Butadiene	0.09	0.2	U	0.09	0.25	0.5	ppbv
110-54-3	Hexane	0.04	0.14	U	0.04	0.25	0.5	ppbv
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	9.39			65 - 135		94%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	1352940		6.15				
540-36-3	1,4-Difluorobenzene	1779290		7.8				
3114-55-4	Chlorobenzene-d5	1236600		13.16				

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:	04/16/12
Project:	JSKim 10-01	Date Received:	04/17/12
Client Sample ID:	VP-3DL	SDG No.:	D2152
Lab Sample ID:	D2152-04DL	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
VM009715.D	10		04/19/12	VM041912

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	0.4	1.98	UQ	0.4	2.5	5	ppbv
75-65-0	tert-butyl alcohol	1	3.03	U	1	2.5	5	ppbv
74-87-3	Chloromethane	0.6	1.24	U	0.6	2.5	5	ppbv
80-62-6	Methyl Methacrylate	1	4.09	U	1	2.5	5	ppbv
75-01-4	Vinyl Chloride	0.7	1.79	U	0.7	2.5	5	ppbv
74-83-9	Bromomethane	0.3	1.16	U	0.3	2.5	5	ppbv
75-00-3	Chloroethane	0.7	1.85	U	0.7	2.5	5	ppbv
75-69-4	Trichlorofluoromethane	0.4	2.25	U	0.4	2.5	5	ppbv
76-14-2	Dichlorotetrafluoroethane	0.4	2.8	U	0.4	2.5	5	ppbv
76-13-1	1,1,2-Trichlorotrifluoroethane	0.4	3.07	U	0.4	2.5	5	ppbv
593-60-2	Bromoethene	0.3	1.31	U	0.3	2.5	5	ppbv
142-82-5	Heptane	0.6	2.46	U	0.6	2.5	5	ppbv
75-35-4	1,1-Dichloroethene	0.5	1.98	U	0.5	2.5	5	ppbv
67-64-1	Acetone	12	28.5	D	1	2.5	5	ppbv
75-15-0	Carbon Disulfide	0.5	1.56	U	0.5	2.5	5	ppbv
1634-04-4	Methyl tert-Butyl Ether	0.5	1.8	U	0.5	2.5	5	ppbv
75-09-2	Methylene Chloride	0.5	1.74	U	0.5	2.5	5	ppbv
107-05-1	Allyl Chloride	0.5	1.57	U	0.5	2.5	5	ppbv
156-60-5	trans-1,2-Dichloroethene	0.6	2.38	U	0.6	2.5	5	ppbv
75-34-3	1,1-Dichloroethane	0.4	1.62	U	0.4	2.5	5	ppbv
110-82-7	Cyclohexane	0.8	2.75	U	0.8	2.5	5	ppbv
78-93-3	2-Butanone	1	2.95	U	1	2.5	5	ppbv
56-23-5	Carbon Tetrachloride	0.3	1.89	U	0.3	0.3	0.6	ppbv
156-59-2	cis-1,2-Dichloroethene	0.6	2.38	U	0.6	2.5	5	ppbv
67-66-3	Chloroform	0.2	0.98	U	0.2	2.5	5	ppbv
123-91-1	1,4-Dioxane	0.9	3.24	U	0.9	2.5	5	ppbv
71-55-6	1,1,1-Trichloroethane	0.3	1.64	U	0.3	0.3	0.6	ppbv
109-99-9	Tetrahydrofuran	0.8	2.36	U	0.8	2.5	5	ppbv
540-84-1	2,2,4-Trimethylpentane	0.4	1.87	U	0.4	2.5	5	ppbv
71-43-2	Benzene	0.4	1.28	U	0.4	2.5	5	ppbv
107-06-2	1,2-Dichloroethane	0.7	2.83	U	0.7	2.5	5	ppbv
79-01-6	Trichloroethene	0.3	1.61	U	0.3	0.3	0.6	ppbv
78-87-5	1,2-Dichloropropane	0.6	2.77	U	0.6	2.5	5	ppbv
75-27-4	Bromodichloromethane	0.5	3.35	U	0.5	2.5	5	ppbv
108-10-1	4-Methyl-2-Pentanone	0.6	2.46	U	0.6	2.5	5	ppbv
108-88-3	Toluene	0.5	1.88	U	0.5	2.5	5	ppbv
10061-02-6	t-1,3-Dichloropropene	0.7	3.18	U	0.7	2.5	5	ppbv
10061-01-5	cis-1,3-Dichloropropene	0.6	2.72	U	0.6	2.5	5	ppbv

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:	04/16/12
Project:	JSKim 10-01	Date Received:	04/17/12
Client Sample ID:	VP-3DL	SDG No.:	D2152
Lab Sample ID:	D2152-04DL	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
VM009715.D	10		04/19/12	VM041912

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.8	4.36	U	0.8	2.5	5	ppbv
124-48-1	Dibromochloromethane	0.5	4.26	U	0.5	2.5	5	ppbv
106-93-4	1,2-Dibromoethane	0.7	5.38	U	0.7	2.5	5	ppbv
127-18-4	Tetrachloroethene	24	162	D	0.3	0.3	0.6	ppbv
108-90-7	Chlorobenzene	0.9	4.14	U	0.9	2.5	5	ppbv
100-41-4	Ethyl Benzene	0.8	3.47	U	0.8	2.5	5	ppbv
179601-23-1	m/p-Xylene	1.1	4.78	U	1.1	5	10	ppbv
95-47-6	o-Xylene	0.7	3.04	U	0.7	2.5	5	ppbv
100-42-5	Styrene	0.7	2.98	U	0.7	2.5	5	ppbv
75-25-2	Bromoform	0.5	5.17	U	0.5	2.5	5	ppbv
79-34-5	1,1,2,2-Tetrachloroethane	1	6.87	U	1	2.5	5	ppbv
95-49-8	2-Chlorotoluene	1	5.18	U	1	2.5	5	ppbv
108-67-8	1,3,5-Trimethylbenzene	0.9	4.42	U	0.9	2.5	5	ppbv
95-63-6	1,2,4-Trimethylbenzene	1	4.92	U	1	2.5	5	ppbv
622-96-8	4-Ethyltoluene	0.8	3.93	U	0.8	2.5	5	ppbv
541-73-1	1,3-Dichlorobenzene	0.8	4.81	U	0.8	2.5	5	ppbv
106-46-7	1,4-Dichlorobenzene	0.6	3.61	U	0.6	2.5	5	ppbv
95-50-1	1,2-Dichlorobenzene	0.7	4.21	U	0.7	2.5	5	ppbv
120-82-1	1,2,4-Trichlorobenzene	0.4	2.97	U	0.4	2.5	5	ppbv
87-68-3	Hexachloro-1,3-Butadiene	0.8	8.53	U	0.8	2.5	5	ppbv
106-99-0	1,3-Butadiene	0.9	1.99	U	0.9	2.5	5	ppbv
110-54-3	Hexane	0.4	1.41	U	0.4	2.5	5	ppbv
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	11			65 - 135		110%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	2645090		6.15				
540-36-3	1,4-Difluorobenzene	5555500		7.8				
3114-55-4	Chlorobenzene-d5	3978240		13.16				

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

QUALITY CONTROL SUMMARY REPORTS

GC/MS VOLATILE ORGANICS

CHEMTECH

Surrogate Summary

SDG No.: D2152

Client: J.R.Holzmacher P.E., LLC

Analytical Method: EPA SW846 TO-15

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery	Qual	Limits Low	Limits High
BSL0411A	BSL0411A	1-Bromo-4-Fluorobenzene	10	9.76	98		65	135
BSM0419A	BSM0419A	1-Bromo-4-Fluorobenzene	10	10.1	101		65	135
D2152-01	VP-1	1-Bromo-4-Fluorobenzene	10	11.34	113		65	135
D2152-01DL	VP-1DL	1-Bromo-4-Fluorobenzene	10	10.66	107		65	135
D2152-01DL2	VP-1DL2	1-Bromo-4-Fluorobenzene	10	9.76	98		65	135
D2152-02	VP-2	1-Bromo-4-Fluorobenzene	10	17.54	175	*	65	135
D2152-02DL	VP-2DL	1-Bromo-4-Fluorobenzene	10	10.57	106		65	135
D2152-02DL2	VP-2DL2	1-Bromo-4-Fluorobenzene	10	10.16	102		65	135
D2152-04	VP-3	1-Bromo-4-Fluorobenzene	10	9.39	94		65	135
D2152-04DL	VP-3DL	1-Bromo-4-Fluorobenzene	10	10.96	110		65	135
VBL0411A	VBL0411A	1-Bromo-4-Fluorobenzene	10	10.22	102		65	135
VBM0419A	VBM0419A	1-Bromo-4-Fluorobenzene	10	9.68	97		65	135

CHEMTECH

AIR VOLATILE LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: CHEMTECH Client: J.R.Holzmacher P.E., LLC

Lab Code: CHEM Cas No: D2152 SAS No : D2152 SDG No: D2152

Matrix Spike - EPA Sample No : BSL0411A Analytical Method: EPA SW846 TO-15 Datafile : VL016780.D

COMPOUND	SPIKE ADDED (ppbv)	CONCENTRATION (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC#	QC LIMITS REC
Dichlorodifluoromethane	10		8.0	80	(70-130)
tert-Butyl alcohol	10		10	100	(70-130)
Chloromethane	10		9.6	96	(70-130)
Methyl Methacrylate	10		13	130	(70-130)
Vinyl Chloride	10		10	100	(70-130)
Bromomethane	10		9.6	96	(70-130)
Chloroethane	10		9.6	96	(70-130)
Trichlorofluoromethane	10		9.3	93	(70-130)
Dichlorotetrafluoroethane	10		9.5	95	(70-130)
1,1,2-Trichlorotrifluoroethane	10		9.4	94	(70-130)
Bromoethene	10		10	100	(70-130)
Heptane	10		11	110	(70-130)
1,1-Dichloroethene	10		9.9	99	(70-130)
Acetone	10		8.9	89	(70-130)
Carbon Disulfide	10		9.7	97	(70-130)
Methyl tert-Butyl Ether	10		12	120	(70-130)
Methylene Chloride	10		6.8	68*	(70-130)
Allyl Chloride	10		10	100	(70-130)
trans-1,2-Dichloroethene	10		11	110	(70-130)
1,1-Dichloroethane	10		10	100	(70-130)
Cyclohexane	10		11	110	(70-130)
2-Butanone	10		11	110	(70-130)
Carbon Tetrachloride	10		10	100	(70-130)
cis-1,2-Dichloroethene	10		12	120	(70-130)
Chloroform	10		9.5	95	(70-130)
1,4-Dioxane	10		11	110	(70-130)
1,1,1-Trichloroethane	10		10	100	(70-130)
Tetrahydrofuran	10		13	130	(70-130)
2,2,4-Trimethylpentane	10		11	110	(70-130)
Benzene	10		12	120	(70-130)
1,2-Dichloroethane	10		10	100	(70-130)
Trichloroethene	10		11	110	(70-130)
1,2-Dichloropropane	10		11	110	(70-130)
Bromodichloromethane	10		10	100	(70-130)

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

Comments:

CHEMTECH

AIR VOLATILE LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: CHEMTECH **Client:** J.R.Holzmacher P.E., LLC

Lab Code: CHEM **Cas No:** D2152 **SAS No :** D2152 **SDG No:** D2152

Matrix Spike - EPA Sample No : BSL0411A **Analytical Method:** EPA SW846 TO-15 **Datafile :** VL016780.D

COMPOUND	SPIKE ADDED (ppbv)	CONCENTRATION (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC#	QC LIMITS REC
4-Methyl-2-Pentanone	10		12	120	(70-130)
Toluene	10		12	120	(70-130)
t-1,3-Dichloropropene	10		13	130	(70-130)
cis-1,3-Dichloropropene	10		13	130	(70-130)
1,1,2-Trichloroethane	10		10	100	(70-130)
Dibromochloromethane	10		11	110	(70-130)
1,2-Dibromoethane	10		11	110	(70-130)
Tetrachloroethene	10		11	110	(70-130)
Chlorobenzene	10		10	100	(70-130)
Ethyl Benzene	10		13	130	(70-130)
m/p-Xylene	20		25	125	(70-130)
o-Xylene	10		12	120	(70-130)
Styrene	10		14	140*	(70-130)
Bromoform	10		11	110	(70-130)
1,1,2,2-Tetrachloroethane	10		9.9	99	(70-130)
2-Chlorotoluene	10		13	130	(70-130)
1,3,5-Trimethylbenzene	10		12	120	(70-130)
1,2,4-Trimethylbenzene	10		11	110	(70-130)
4-Ethyltoluene	10		12	120	(70-130)
1,3-Dichlorobenzene	10		9.8	98	(70-130)
1,4-Dichlorobenzene	10		10	100	(70-130)
1,2-Dichlorobenzene	10		10	100	(70-130)
1,2,4-Trichlorobenzene	10		11	110	(70-130)
Hexachloro-1,3-Butadiene	10		9.6	96	(70-130)
1,3-Butadiene	10		10	100	(70-130)
Hexane	10		11	110	(70-130)

RPD : 0 **Out of** 60 **outside limits**

Spike Recovery : 2 **Out of** 60 **outside limits**

 # Column to be used to flag recovery and RPD values with an asterisk
*** Values outside of QC limits**

Comments:

CHEMTECH

AIR VOLATILE LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: CHEMTECH **Client:** J.R.Holzmacher P.E., LLC

Lab Code: CHEM **Cas No:** D2152 **SAS No :** D2152 **SDG No:** D2152

Matrix Spike - EPA Sample No : BSM0419A **Analytical Method:** EPA SW846 TO-15 **Datafile :** VM009702.D

COMPOUND	SPIKE ADDED (ppbv)	CONCENTRATION (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC#	QC LIMITS REC
Dichlorodifluoromethane	10		6.7	67*	(70-130)
tert-butyl alcohol	10		11	110	(70-130)
Chloromethane	10		11	110	(70-130)
Methyl Methacrylate	10		11	110	(70-130)
Vinyl Chloride	10		12	120	(70-130)
Bromomethane	10		12	120	(70-130)
Chloroethane	10		11	110	(70-130)
Trichlorofluoromethane	10		11	110	(70-130)
Dichlorotetrafluoroethane	10		8.6	86	(70-130)
1,1,2-Trichlorotrifluoroethane	10		11	110	(70-130)
Bromoethene	10		12	120	(70-130)
Heptane	10		10	100	(70-130)
1,1-Dichloroethene	10		11	110	(70-130)
Acetone	10		9.8	98	(70-130)
Carbon Disulfide	10		11	110	(70-130)
Methyl tert-Butyl Ether	10		11	110	(70-130)
Methylene Chloride	10		10	100	(70-130)
Allyl Chloride	10		12	120	(70-130)
trans-1,2-Dichloroethene	10		11	110	(70-130)
1,1-Dichloroethane	10		11	110	(70-130)
Cyclohexane	10		11	110	(70-130)
2-Butanone	10		10	100	(70-130)
Carbon Tetrachloride	10		11	110	(70-130)
cis-1,2-Dichloroethene	10		11	110	(70-130)
Chloroform	10		11	110	(70-130)
1,4-Dioxane	10		11	110	(70-130)
1,1,1-Trichloroethane	10		10	100	(70-130)
Tetrahydrofuran	10		10	100	(70-130)
2,2,4-Trimethylpentane	10		11	110	(70-130)
Benzene	10		10	100	(70-130)
1,2-Dichloroethane	10		10	100	(70-130)
Trichloroethene	10		11	110	(70-130)
1,2-Dichloropropane	10		11	110	(70-130)
Bromodichloromethane	10		10	100	(70-130)

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

Comments:

CHEMTECH

AIR VOLATILE LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: CHEMTECH **Client:** J.R.Holzmacher P.E., LLC

Lab Code: CHEM **Cas No:** D2152 **SAS No :** D2152 **SDG No:** D2152

Matrix Spike - EPA Sample No : BSM0419A **Analytical Method:** EPA SW846 TO-15 **Datafile :** VM009702.D

COMPOUND	SPIKE ADDED (ppbv)	CONCENTRATION (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC#	QC LIMITS REC
4-Methyl-2-Pentanone	10		10	100	(70-130)
Toluene	10		11	110	(70-130)
t-1,3-Dichloropropene	10		11	110	(70-130)
cis-1,3-Dichloropropene	10		11	110	(70-130)
1,1,2-Trichloroethane	10		11	110	(70-130)
Dibromochloromethane	10		11	110	(70-130)
1,2-Dibromoethane	10		10	100	(70-130)
Tetrachloroethene	10		11	110	(70-130)
Chlorobenzene	10		10	100	(70-130)
Ethyl Benzene	10		10	100	(70-130)
m/p-Xylene	20		21	105	(70-130)
o-Xylene	10		12	120	(70-130)
Styrene	10		11	110	(70-130)
Bromoform	10		11	110	(70-130)
1,1,2,2-Tetrachloroethane	10		12	120	(70-130)
2-Chlorotoluene	10		11	110	(70-130)
1,3,5-Trimethylbenzene	10		12	120	(70-130)
1,2,4-Trimethylbenzene	10		12	120	(70-130)
4-Ethyltoluene	10		12	120	(70-130)
1,3-Dichlorobenzene	10		12	120	(70-130)
1,4-Dichlorobenzene	10		11	110	(70-130)
1,2-Dichlorobenzene	10		12	120	(70-130)
1,2,4-Trichlorobenzene	10		11	110	(70-130)
Hexachloro-1,3-Butadiene	10		11	110	(70-130)
1,3-Butadiene	10		12	120	(70-130)
Hexane	10		11	110	(70-130)

RPD : 0 Out of 60 outside limits

Spike Recovery : 1 Out of 60 outside limits

 # Column to be used to flag recovery and RPD values with an asterisk
*** Values outside of QC limits**

Comments:

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:	
Project:	JSKim 10-01	Date Received:	
Client Sample ID:	BSL0411A	SDG No.:	D2152
Lab Sample ID:	BSL0411A	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
VL016780.D	1		04/11/12	VL041112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	8	39.6		0.04	0.25	0.5	ppbv
75-65-0	tert-Butyl alcohol	10	30.3		0.1	0.25	0.5	ppbv
74-87-3	Chloromethane	9.6	19.8		0.06	0.25	0.5	ppbv
80-62-6	Methyl Methacrylate	13	53.2		0.1	0.25	0.5	ppbv
75-01-4	Vinyl Chloride	10	25.6		0.07	0.25	0.5	ppbv
74-83-9	Bromomethane	9.6	37.3		0.03	0.25	0.5	ppbv
75-00-3	Chloroethane	9.6	25.3		0.07	0.25	0.5	ppbv
75-69-4	Trichlorofluoromethane	9.3	52.3		0.04	0.25	0.5	ppbv
76-14-2	Dichlorotetrafluoroethane	9.5	66.4		0.04	0.25	0.5	ppbv
76-13-1	1,1,2-Trichlorotrifluoroethane	9.4	72.0		0.04	0.25	0.5	ppbv
593-60-2	Bromoethene	10	43.7		0.03	0.25	0.5	ppbv
142-82-5	Heptane	11	45.1		0.06	0.25	0.5	ppbv
75-35-4	1,1-Dichloroethene	9.9	39.2		0.05	0.25	0.5	ppbv
67-64-1	Acetone	8.9	21.1		0.1	0.25	0.5	ppbv
75-15-0	Carbon Disulfide	9.7	30.2		0.05	0.25	0.5	ppbv
1634-04-4	Methyl tert-Butyl Ether	12	43.3		0.05	0.25	0.5	ppbv
75-09-2	Methylene Chloride	6.8	23.6		0.05	0.25	0.5	ppbv
107-05-1	Allyl Chloride	10	31.3		0.05	0.25	0.5	ppbv
156-60-5	trans-1,2-Dichloroethene	11	43.6		0.06	0.25	0.5	ppbv
75-34-3	1,1-Dichloroethane	10	40.5		0.04	0.25	0.5	ppbv
110-82-7	Cyclohexane	11	37.9		0.08	0.25	0.5	ppbv
78-93-3	2-Butanone	11	32.4		0.1	0.25	0.5	ppbv
56-23-5	Carbon Tetrachloride	10	62.9		0.03	0.03	0.06	ppbv
156-59-2	cis-1,2-Dichloroethene	12	47.6		0.06	0.25	0.5	ppbv
67-66-3	Chloroform	9.5	46.4		0.02	0.25	0.5	ppbv
123-91-1	1,4-Dioxane	11	39.6		0.09	0.25	0.5	ppbv
71-55-6	1,1,1-Trichloroethane	10	54.6		0.03	0.03	0.06	ppbv
109-99-9	Tetrahydrofuran	13	38.3		0.08	0.25	0.5	ppbv
540-84-1	2,2,4-Trimethylpentane	11	51.4		0.04	0.25	0.5	ppbv
71-43-2	Benzene	12	38.3		0.04	0.25	0.5	ppbv
107-06-2	1,2-Dichloroethane	10	40.5		0.07	0.25	0.5	ppbv
79-01-6	Trichloroethene	11	59.1		0.03	0.03	0.06	ppbv
78-87-5	1,2-Dichloropropane	11	50.8		0.06	0.25	0.5	ppbv
75-27-4	Bromodichloromethane	10	67.0		0.05	0.25	0.5	ppbv
108-10-1	4-Methyl-2-Pentanone	12	49.2		0.06	0.25	0.5	ppbv
108-88-3	Toluene	12	45.2		0.05	0.25	0.5	ppbv
10061-02-6	t-1,3-Dichloropropene	13	59.0		0.07	0.25	0.5	ppbv
10061-01-5	cis-1,3-Dichloropropene	13	59.0		0.06	0.25	0.5	ppbv

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:	
Project:	JSKim 10-01	Date Received:	
Client Sample ID:	BSL0411A	SDG No.:	D2152
Lab Sample ID:	BSL0411A	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
VL016780.D	1		04/11/12	VL041112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	10	54.6		0.08	0.25	0.5	ppbv
124-48-1	Dibromochloromethane	11	93.7		0.05	0.25	0.5	ppbv
106-93-4	1,2-Dibromoethane	11	84.5		0.07	0.25	0.5	ppbv
127-18-4	Tetrachloroethene	11	74.6		0.03	0.03	0.06	ppbv
108-90-7	Chlorobenzene	10	46.0		0.09	0.25	0.5	ppbv
100-41-4	Ethyl Benzene	13	56.5		0.08	0.25	0.5	ppbv
179601-23-1	m/p-Xylene	25	108		0.11	0.5	1	ppbv
95-47-6	o-Xylene	12	52.1		0.07	0.25	0.5	ppbv
100-42-5	Styrene	14	59.6		0.07	0.25	0.5	ppbv
75-25-2	Bromoform	11	113		0.05	0.25	0.5	ppbv
79-34-5	1,1,2,2-Tetrachloroethane	9.9	68.0		0.1	0.25	0.5	ppbv
95-49-8	2-Chlorotoluene	13	67.3		0.1	0.25	0.5	ppbv
108-67-8	1,3,5-Trimethylbenzene	12	59.0		0.09	0.25	0.5	ppbv
95-63-6	1,2,4-Trimethylbenzene	11	54.1		0.1	0.25	0.5	ppbv
622-96-8	4-Ethyltoluene	12	59.0		0.08	0.25	0.5	ppbv
541-73-1	1,3-Dichlorobenzene	9.8	58.9		0.08	0.25	0.5	ppbv
106-46-7	1,4-Dichlorobenzene	10	60.1		0.06	0.25	0.5	ppbv
95-50-1	1,2-Dichlorobenzene	10	60.1		0.07	0.25	0.5	ppbv
120-82-1	1,2,4-Trichlorobenzene	11	81.7		0.04	0.25	0.5	ppbv
87-68-3	Hexachloro-1,3-Butadiene	9.6	102		0.08	0.25	0.5	ppbv
106-99-0	1,3-Butadiene	10	22.1		0.09	0.25	0.5	ppbv
110-54-3	Hexane	11	38.8		0.04	0.25	0.5	ppbv
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	9.76			65 - 135		98%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	1608710		6.38				
540-36-3	1,4-Difluorobenzene	4137530		7.94				
3114-55-4	Chlorobenzene-d5	3457860		12.92				

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:	
Project:	JSKim 10-01	Date Received:	
Client Sample ID:	BSM0419A	SDG No.:	D2152
Lab Sample ID:	BSM0419A	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
VM009702.D	1		04/19/12	VM041912

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	6.7	33.1		0.04	0.25	0.5	ppbv
75-65-0	tert-butyl alcohol	11	33.4		0.1	0.25	0.5	ppbv
74-87-3	Chloromethane	11	22.7		0.06	0.25	0.5	ppbv
80-62-6	Methyl Methacrylate	11	45.0		0.1	0.25	0.5	ppbv
75-01-4	Vinyl Chloride	12	30.7		0.07	0.25	0.5	ppbv
74-83-9	Bromomethane	12	46.6		0.03	0.25	0.5	ppbv
75-00-3	Chloroethane	11	29.0		0.07	0.25	0.5	ppbv
75-69-4	Trichlorofluoromethane	11	61.8		0.04	0.25	0.5	ppbv
76-14-2	Dichlorotetrafluoroethane	8.6	60.1		0.04	0.25	0.5	ppbv
76-13-1	1,1,2-Trichlorotrifluoroethane	11	84.3		0.04	0.25	0.5	ppbv
593-60-2	Bromoethene	12	52.5		0.03	0.25	0.5	ppbv
142-82-5	Heptane	10	41.0		0.06	0.25	0.5	ppbv
75-35-4	1,1-Dichloroethene	11	43.6		0.05	0.25	0.5	ppbv
67-64-1	Acetone	9.8	23.3		0.1	0.25	0.5	ppbv
75-15-0	Carbon Disulfide	11	34.3		0.05	0.25	0.5	ppbv
1634-04-4	Methyl tert-Butyl Ether	11	39.7		0.05	0.25	0.5	ppbv
75-09-2	Methylene Chloride	10	34.7		0.05	0.25	0.5	ppbv
107-05-1	Allyl Chloride	12	37.6		0.05	0.25	0.5	ppbv
156-60-5	trans-1,2-Dichloroethene	11	43.6		0.06	0.25	0.5	ppbv
75-34-3	1,1-Dichloroethane	11	44.5		0.04	0.25	0.5	ppbv
110-82-7	Cyclohexane	11	37.9		0.08	0.25	0.5	ppbv
78-93-3	2-Butanone	10	29.5		0.1	0.25	0.5	ppbv
56-23-5	Carbon Tetrachloride	11	69.2		0.03	0.03	0.06	ppbv
156-59-2	cis-1,2-Dichloroethene	11	43.6		0.06	0.25	0.5	ppbv
67-66-3	Chloroform	11	53.7		0.02	0.25	0.5	ppbv
123-91-1	1,4-Dioxane	11	39.6		0.09	0.25	0.5	ppbv
71-55-6	1,1,1-Trichloroethane	10	54.6		0.03	0.03	0.06	ppbv
109-99-9	Tetrahydrofuran	10	29.5		0.08	0.25	0.5	ppbv
540-84-1	2,2,4-Trimethylpentane	11	51.4		0.04	0.25	0.5	ppbv
71-43-2	Benzene	10	32.0		0.04	0.25	0.5	ppbv
107-06-2	1,2-Dichloroethane	10	40.5		0.07	0.25	0.5	ppbv
79-01-6	Trichloroethene	11	59.1		0.03	0.03	0.06	ppbv
78-87-5	1,2-Dichloropropane	11	50.8		0.06	0.25	0.5	ppbv
75-27-4	Bromodichloromethane	10	67.0		0.05	0.25	0.5	ppbv
108-10-1	4-Methyl-2-Pentanone	10	41.0		0.06	0.25	0.5	ppbv
108-88-3	Toluene	11	41.4		0.05	0.25	0.5	ppbv
10061-02-6	t-1,3-Dichloropropene	11	49.9		0.07	0.25	0.5	ppbv
10061-01-5	cis-1,3-Dichloropropene	11	49.9		0.06	0.25	0.5	ppbv

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:	
Project:	JSKim 10-01	Date Received:	
Client Sample ID:	BSM0419A	SDG No.:	D2152
Lab Sample ID:	BSM0419A	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
VM009702.D	1		04/19/12	VM041912

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	11	60.0		0.08	0.25	0.5	ppbv
124-48-1	Dibromochloromethane	11	93.7		0.05	0.25	0.5	ppbv
106-93-4	1,2-Dibromoethane	10	76.8		0.07	0.25	0.5	ppbv
127-18-4	Tetrachloroethene	11	74.6		0.03	0.03	0.06	ppbv
108-90-7	Chlorobenzene	10	46.0		0.09	0.25	0.5	ppbv
100-41-4	Ethyl Benzene	10	43.4		0.08	0.25	0.5	ppbv
179601-23-1	m/p-Xylene	21	91.2		0.11	0.5	1	ppbv
95-47-6	o-Xylene	12	52.1		0.07	0.25	0.5	ppbv
100-42-5	Styrene	11	46.8		0.07	0.25	0.5	ppbv
75-25-2	Bromoform	11	113		0.05	0.25	0.5	ppbv
79-34-5	1,1,2,2-Tetrachloroethane	12	82.4		0.1	0.25	0.5	ppbv
95-49-8	2-Chlorotoluene	11	57.0		0.1	0.25	0.5	ppbv
108-67-8	1,3,5-Trimethylbenzene	12	59.0		0.09	0.25	0.5	ppbv
95-63-6	1,2,4-Trimethylbenzene	12	59.0		0.1	0.25	0.5	ppbv
622-96-8	4-Ethyltoluene	12	59.0		0.08	0.25	0.5	ppbv
541-73-1	1,3-Dichlorobenzene	12	72.2		0.08	0.25	0.5	ppbv
106-46-7	1,4-Dichlorobenzene	11	66.1		0.06	0.25	0.5	ppbv
95-50-1	1,2-Dichlorobenzene	12	72.2		0.07	0.25	0.5	ppbv
120-82-1	1,2,4-Trichlorobenzene	11	81.7		0.04	0.25	0.5	ppbv
87-68-3	Hexachloro-1,3-Butadiene	11	117		0.08	0.25	0.5	ppbv
106-99-0	1,3-Butadiene	12	26.6		0.09	0.25	0.5	ppbv
110-54-3	Hexane	11	38.8		0.04	0.25	0.5	ppbv
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	10.1			65 - 135		101%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	2095460		6.14				
540-36-3	1,4-Difluorobenzene	2807780		7.8				
3114-55-4	Chlorobenzene-d5	2507230		13.15				

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

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBL0411A

Lab Name: CHEMTECH Contract: JRH001

Lab Code: CHEM Case No.: D2152 SAS No.: D2152 SDG NO.: D2152

Lab File ID: VL016779.D Lab Sample ID: VBL0411A

Date Analyzed: 04/11/2012 Time Analyzed: 07:00

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
BSL0411A	BSL0411A	VL016780.D	04/11/2012
VP-1	D2152-01	VL016787.D	04/11/2012
VP-1DL	D2152-01DL	VL016788.D	04/11/2012
VP-2	D2152-02	VL016790.D	04/11/2012
VP-2DL	D2152-02DL	VL016791.D	04/11/2012
VP-1DL2	D2152-01DL2	VL016796.D	04/11/2012
VP-2DL2	D2152-02DL2	VL016797.D	04/11/2012

COMMENTS:

CHEMTECH

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBM0419A

Lab Name: CHEMTECH Contract: JRH001

Lab Code: CHEM Case No.: D2152 SAS No.: D2152 SDG NO.: D2152

Lab File ID: VM009701.D Lab Sample ID: VBM0419A

Date Analyzed: 04/19/2012 Time Analyzed: 11:23

GC Column: RTX-1 ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_M

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BSM0419A	BSM0419A	VM009702.D	04/19/2012
VP-3	D2152-04	VM009714.D	04/19/2012
VP-3DL	D2152-04DL	VM009715.D	04/19/2012

COMMENTS:

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:	
Project:	JSKim 10-01	Date Received:	
Client Sample ID:	VBL0411A	SDG No.:	D2152
Lab Sample ID:	VBL0411A	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
VL016779.D	1		04/11/12	VL041112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	0.04	0.2	U	0.04	0.25	0.5	ppbv
75-65-0	tert-Butyl alcohol	0.1	0.3	U	0.1	0.25	0.5	ppbv
74-87-3	Chloromethane	0.06	0.12	U	0.06	0.25	0.5	ppbv
80-62-6	Methyl Methacrylate	0.1	0.41	U	0.1	0.25	0.5	ppbv
75-01-4	Vinyl Chloride	0.07	0.18	U	0.07	0.25	0.5	ppbv
74-83-9	Bromomethane	0.03	0.12	U	0.03	0.25	0.5	ppbv
75-00-3	Chloroethane	0.07	0.18	U	0.07	0.25	0.5	ppbv
75-69-4	Trichlorofluoromethane	0.04	0.22	U	0.04	0.25	0.5	ppbv
76-14-2	Dichlorotetrafluoroethane	0.04	0.28	U	0.04	0.25	0.5	ppbv
76-13-1	1,1,2-Trichlorotrifluoroethane	0.04	0.31	U	0.04	0.25	0.5	ppbv
593-60-2	Bromoethene	0.03	0.13	U	0.03	0.25	0.5	ppbv
142-82-5	Heptane	0.06	0.25	U	0.06	0.25	0.5	ppbv
75-35-4	1,1-Dichloroethene	0.05	0.2	U	0.05	0.25	0.5	ppbv
67-64-1	Acetone	0.1	0.24	U	0.1	0.25	0.5	ppbv
75-15-0	Carbon Disulfide	0.05	0.16	U	0.05	0.25	0.5	ppbv
1634-04-4	Methyl tert-Butyl Ether	0.05	0.18	U	0.05	0.25	0.5	ppbv
75-09-2	Methylene Chloride	0.05	0.17	U	0.05	0.25	0.5	ppbv
107-05-1	Allyl Chloride	0.05	0.16	U	0.05	0.25	0.5	ppbv
156-60-5	trans-1,2-Dichloroethene	0.06	0.24	U	0.06	0.25	0.5	ppbv
75-34-3	1,1-Dichloroethane	0.04	0.16	U	0.04	0.25	0.5	ppbv
110-82-7	Cyclohexane	0.08	0.28	U	0.08	0.25	0.5	ppbv
78-93-3	2-Butanone	0.1	0.29	U	0.1	0.25	0.5	ppbv
56-23-5	Carbon Tetrachloride	0.03	0.19	U	0.03	0.03	0.06	ppbv
156-59-2	cis-1,2-Dichloroethene	0.06	0.24	U	0.06	0.25	0.5	ppbv
67-66-3	Chloroform	0.02	0.1	U	0.02	0.25	0.5	ppbv
123-91-1	1,4-Dioxane	0.09	0.32	U	0.09	0.25	0.5	ppbv
71-55-6	1,1,1-Trichloroethane	0.03	0.16	U	0.03	0.03	0.06	ppbv
109-99-9	Tetrahydrofuran	0.08	0.24	U	0.08	0.25	0.5	ppbv
540-84-1	2,2,4-Trimethylpentane	0.04	0.19	U	0.04	0.25	0.5	ppbv
71-43-2	Benzene	0.04	0.13	U	0.04	0.25	0.5	ppbv
107-06-2	1,2-Dichloroethane	0.07	0.28	U	0.07	0.25	0.5	ppbv
79-01-6	Trichloroethene	0.03	0.16	U	0.03	0.03	0.06	ppbv
78-87-5	1,2-Dichloropropane	0.06	0.28	U	0.06	0.25	0.5	ppbv
75-27-4	Bromodichloromethane	0.05	0.33	U	0.05	0.25	0.5	ppbv
108-10-1	4-Methyl-2-Pentanone	0.06	0.25	U	0.06	0.25	0.5	ppbv
108-88-3	Toluene	0.05	0.19	U	0.05	0.25	0.5	ppbv
10061-02-6	t-1,3-Dichloropropene	0.07	0.32	U	0.07	0.25	0.5	ppbv
10061-01-5	cis-1,3-Dichloropropene	0.06	0.27	U	0.06	0.25	0.5	ppbv

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:	
Project:	JSKim 10-01	Date Received:	
Client Sample ID:	VBL0411A	SDG No.:	D2152
Lab Sample ID:	VBL0411A	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
VL016779.D	1		04/11/12	VL041112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.08	0.44	U	0.08	0.25	0.5	ppbv
124-48-1	Dibromochloromethane	0.05	0.43	U	0.05	0.25	0.5	ppbv
106-93-4	1,2-Dibromoethane	0.07	0.54	U	0.07	0.25	0.5	ppbv
127-18-4	Tetrachloroethene	0.03	0.2	U	0.03	0.03	0.06	ppbv
108-90-7	Chlorobenzene	0.09	0.41	U	0.09	0.25	0.5	ppbv
100-41-4	Ethyl Benzene	0.08	0.35	U	0.08	0.25	0.5	ppbv
179601-23-1	m/p-Xylene	0.11	0.48	U	0.11	0.5	1	ppbv
95-47-6	o-Xylene	0.07	0.3	U	0.07	0.25	0.5	ppbv
100-42-5	Styrene	0.07	0.3	U	0.07	0.25	0.5	ppbv
75-25-2	Bromoform	0.05	0.52	U	0.05	0.25	0.5	ppbv
79-34-5	1,1,2,2-Tetrachloroethane	0.1	0.69	U	0.1	0.25	0.5	ppbv
95-49-8	2-Chlorotoluene	0.1	0.52	U	0.1	0.25	0.5	ppbv
108-67-8	1,3,5-Trimethylbenzene	0.09	0.44	U	0.09	0.25	0.5	ppbv
95-63-6	1,2,4-Trimethylbenzene	0.1	0.49	U	0.1	0.25	0.5	ppbv
622-96-8	4-Ethyltoluene	0.08	0.39	U	0.08	0.25	0.5	ppbv
541-73-1	1,3-Dichlorobenzene	0.08	0.48	U	0.08	0.25	0.5	ppbv
106-46-7	1,4-Dichlorobenzene	0.06	0.36	U	0.06	0.25	0.5	ppbv
95-50-1	1,2-Dichlorobenzene	0.07	0.42	U	0.07	0.25	0.5	ppbv
120-82-1	1,2,4-Trichlorobenzene	0.04	0.3	U	0.04	0.25	0.5	ppbv
87-68-3	Hexachloro-1,3-Butadiene	0.08	0.85	U	0.08	0.25	0.5	ppbv
106-99-0	1,3-Butadiene	0.09	0.2	U	0.09	0.25	0.5	ppbv
110-54-3	Hexane	0.04	0.14	U	0.04	0.25	0.5	ppbv
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	10.2			65 - 135		102%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	1420810		6.37				
540-36-3	1,4-Difluorobenzene	3658000		7.93				
3114-55-4	Chlorobenzene-d5	3209400		12.91				

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:	
Project:	JSKim 10-01	Date Received:	
Client Sample ID:	VBM0419A	SDG No.:	D2152
Lab Sample ID:	VBM0419A	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
VM009701.D	1		04/19/12	VM041912

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	0.04	0.2	U	0.04	0.25	0.5	ppbv
75-65-0	tert-butyl alcohol	0.1	0.3	U	0.1	0.25	0.5	ppbv
74-87-3	Chloromethane	0.06	0.12	U	0.06	0.25	0.5	ppbv
80-62-6	Methyl Methacrylate	0.1	0.41	U	0.1	0.25	0.5	ppbv
75-01-4	Vinyl Chloride	0.07	0.18	U	0.07	0.25	0.5	ppbv
74-83-9	Bromomethane	0.03	0.12	U	0.03	0.25	0.5	ppbv
75-00-3	Chloroethane	0.07	0.18	U	0.07	0.25	0.5	ppbv
75-69-4	Trichlorofluoromethane	0.04	0.22	U	0.04	0.25	0.5	ppbv
76-14-2	Dichlorotetrafluoroethane	0.04	0.28	U	0.04	0.25	0.5	ppbv
76-13-1	1,1,2-Trichlorotrifluoroethane	0.04	0.31	U	0.04	0.25	0.5	ppbv
593-60-2	Bromoethene	0.03	0.13	U	0.03	0.25	0.5	ppbv
142-82-5	Heptane	0.06	0.25	U	0.06	0.25	0.5	ppbv
75-35-4	1,1-Dichloroethene	0.05	0.2	U	0.05	0.25	0.5	ppbv
67-64-1	Acetone	0.1	0.24	U	0.1	0.25	0.5	ppbv
75-15-0	Carbon Disulfide	0.05	0.16	U	0.05	0.25	0.5	ppbv
1634-04-4	Methyl tert-Butyl Ether	0.05	0.18	U	0.05	0.25	0.5	ppbv
75-09-2	Methylene Chloride	0.05	0.17	U	0.05	0.25	0.5	ppbv
107-05-1	Allyl Chloride	0.05	0.16	U	0.05	0.25	0.5	ppbv
156-60-5	trans-1,2-Dichloroethene	0.06	0.24	U	0.06	0.25	0.5	ppbv
75-34-3	1,1-Dichloroethane	0.04	0.16	U	0.04	0.25	0.5	ppbv
110-82-7	Cyclohexane	0.08	0.28	U	0.08	0.25	0.5	ppbv
78-93-3	2-Butanone	0.1	0.29	U	0.1	0.25	0.5	ppbv
56-23-5	Carbon Tetrachloride	0.03	0.19	U	0.03	0.03	0.06	ppbv
156-59-2	cis-1,2-Dichloroethene	0.06	0.24	U	0.06	0.25	0.5	ppbv
67-66-3	Chloroform	0.02	0.1	U	0.02	0.25	0.5	ppbv
123-91-1	1,4-Dioxane	0.09	0.32	U	0.09	0.25	0.5	ppbv
71-55-6	1,1,1-Trichloroethane	0.03	0.16	U	0.03	0.03	0.06	ppbv
109-99-9	Tetrahydrofuran	0.08	0.24	U	0.08	0.25	0.5	ppbv
540-84-1	2,2,4-Trimethylpentane	0.04	0.19	U	0.04	0.25	0.5	ppbv
71-43-2	Benzene	0.04	0.13	U	0.04	0.25	0.5	ppbv
107-06-2	1,2-Dichloroethane	0.07	0.28	U	0.07	0.25	0.5	ppbv
79-01-6	Trichloroethene	0.03	0.16	U	0.03	0.03	0.06	ppbv
78-87-5	1,2-Dichloropropane	0.06	0.28	U	0.06	0.25	0.5	ppbv
75-27-4	Bromodichloromethane	0.05	0.33	U	0.05	0.25	0.5	ppbv
108-10-1	4-Methyl-2-Pentanone	0.06	0.25	U	0.06	0.25	0.5	ppbv
108-88-3	Toluene	0.05	0.19	U	0.05	0.25	0.5	ppbv
10061-02-6	t-1,3-Dichloropropene	0.07	0.32	U	0.07	0.25	0.5	ppbv
10061-01-5	cis-1,3-Dichloropropene	0.06	0.27	U	0.06	0.25	0.5	ppbv

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:	
Project:	JSKim 10-01	Date Received:	
Client Sample ID:	VBM0419A	SDG No.:	D2152
Lab Sample ID:	VBM0419A	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
VM009701.D	1		04/19/12	VM041912

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.08	0.44	U	0.08	0.25	0.5	ppbv
124-48-1	Dibromochloromethane	0.05	0.43	U	0.05	0.25	0.5	ppbv
106-93-4	1,2-Dibromoethane	0.07	0.54	U	0.07	0.25	0.5	ppbv
127-18-4	Tetrachloroethene	0.03	0.2	U	0.03	0.03	0.06	ppbv
108-90-7	Chlorobenzene	0.09	0.41	U	0.09	0.25	0.5	ppbv
100-41-4	Ethyl Benzene	0.08	0.35	U	0.08	0.25	0.5	ppbv
179601-23-1	m/p-Xylene	0.11	0.48	U	0.11	0.5	1	ppbv
95-47-6	o-Xylene	0.07	0.3	U	0.07	0.25	0.5	ppbv
100-42-5	Styrene	0.07	0.3	U	0.07	0.25	0.5	ppbv
75-25-2	Bromoform	0.05	0.52	U	0.05	0.25	0.5	ppbv
79-34-5	1,1,2,2-Tetrachloroethane	0.1	0.69	U	0.1	0.25	0.5	ppbv
95-49-8	2-Chlorotoluene	0.1	0.52	U	0.1	0.25	0.5	ppbv
108-67-8	1,3,5-Trimethylbenzene	0.09	0.44	U	0.09	0.25	0.5	ppbv
95-63-6	1,2,4-Trimethylbenzene	0.1	0.49	U	0.1	0.25	0.5	ppbv
622-96-8	4-Ethyltoluene	0.08	0.39	U	0.08	0.25	0.5	ppbv
541-73-1	1,3-Dichlorobenzene	0.08	0.48	U	0.08	0.25	0.5	ppbv
106-46-7	1,4-Dichlorobenzene	0.06	0.36	U	0.06	0.25	0.5	ppbv
95-50-1	1,2-Dichlorobenzene	0.07	0.42	U	0.07	0.25	0.5	ppbv
120-82-1	1,2,4-Trichlorobenzene	0.04	0.3	U	0.04	0.25	0.5	ppbv
87-68-3	Hexachloro-1,3-Butadiene	0.08	0.85	U	0.08	0.25	0.5	ppbv
106-99-0	1,3-Butadiene	0.09	0.2	U	0.09	0.25	0.5	ppbv
110-54-3	Hexane	0.04	0.14	U	0.04	0.25	0.5	ppbv
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	9.68			65 - 135		97%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	2799190		6.14				
540-36-3	1,4-Difluorobenzene	3759030		7.79				
3114-55-4	Chlorobenzene-d5	2575780		13.15				

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

END OF ANALYTICAL RESULTS

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

DATA PACKAGE

VOLATILE ORGANICS

PROJECT NAME : JSKIM 10-01

J.R.HOLZMACHER P.E., LLC

300 Wheeler Avenue

Suite 402

Hauppauge, NY - 11788

Phone No: 6312342220

ORDER ID : D3615

ATTENTION : Heather Sonnenberg

ACCREDITED IN ACCORDANCE WITH nelac

DoD ELAP

CHEMTECH

Table Of Contents

1) Signature Page		2
2) Case Narrative		4
	2.1) TO-15- Case Narrative	4
3) Qualifier Page		5
4) QA Checklist		6
5) VOLATILES DATA		7
	5.1) Chronicle	7
	5.2) Hit Summary	8
	5.3) Sample Data	12
	5.4) VP-4	13
	5.5) VP-5	15
	5.6) VP-5DL	17
	5.7) VP-6	19
	5.8) VP-6DL	21
	5.9) VP-7	23
	5.10) VP-7DL	25
	5.11) QC Data Summary For TO-15	27
	5.12) Deuterated Monitoring Compound Summary	28
	5.13) LCS/LCSD Summary	29
	5.14) Method Blank Summary	31
	5.15) GS/MS Tune Summary	32
	5.16) Internal Standard Area and RT Summary	34
	5.17) QC Sample Data	36
	5.18) Method Blank Raw Data	37
	5.19) LCS Raw Data	39
	5.20) Calibration Data Summary	41
	5.21) Initial Calibration Data	42
	5.22) Continued Calibration Data	44
6) Shipping Document		46
	6.1) CHAIN OF CUSTODY	47
	6.2) Air Bill	51
	6.3) Lab Certificate	52
	6.4) Internal COC	53

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

Cover Page

Order ID : D3615

Project ID : JSKim 10-01

Client : J.R.Holzmacher P.E., LLC

Lab Sample Number	Client Sample Number
D3615-01	VP-4
D3615-02	VP-5
D3615-03	VP-6
D3615-04	VP-7

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: 8/3/2012

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

J.R.Holzmacher P.E., LLC
Project Name: JSKim 10-01
Project # N/A
Chemtech Project # D3615
Test Name: TO-15

A. Number of Samples and Date of Receipt:
4 Air samples were received on 07/31/2012.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SUMMA Canister Rental and 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 except for VP-5DL.
The Retention Times were acceptable for all samples.
The Blank Spike met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration met the requirements .
The Tuning criteria met requirements.
Samples VP-5 was diluted due to bad matrix.
Samples VP-5, VP-6 and VP-7 were diluted due to high concentrations.

E. Additional Comments:
F. Manual Integration Comments:

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_____

CHEMTECH

284 Sheffield Street Mountainside NJ 07092
Tel. 908-789-8900 Fax: 908-789-8922

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

CHEMTECH
284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: D3615

	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: HIRAL PATEL **Date:** 08/03/2012

2nd Level QA Review Signature: _____ **Date:** _____

CHEMTECH
284 Sheffield Street, Mountainside, New Jersey - 07092
Phone: (908) 789 8900 Fax: (908) 789 8922

LAB CHRONICLE

OrderID:	D3615	**OrderDate:**	7/31/2012 10:50:24 AM
Client:	J.R.Holzmacher P.E., LLC	**Project:**	JSKim 10-01
Contact:	Heather Sonnenberg	**Location:**	Air Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
D3615-01	**VP-4**	**AIR**			**07/27/12**			**07/31/12**
			TO-15	TO-15			07/31/12	
D3615-02	**VP-5**	**AIR**			**07/27/12**			**07/31/12**
			TO-15	TO-15			07/31/12	
D3615-02DL	**VP-5DL**	**AIR**			**07/27/12**			**07/31/12**
			TO-15	TO-15			08/01/12	
D3615-03	**VP-6**	**AIR**			**07/27/12**			**07/31/12**
			TO-15	TO-15			07/31/12	
D3615-03DL	**VP-6DL**	**AIR**			**07/27/12**			**07/31/12**
			TO-15	TO-15			08/01/12	
D3615-04	**VP-7**	**AIR**			**07/27/12**			**07/31/12**
			TO-15	TO-15			07/31/12	
D3615-04DL	**VP-7DL**	**AIR**			**07/27/12**			**07/31/12**
			TO-15	TO-15			08/01/12	

CHEMTECH

Hit Summary Sheet
SW-846

SDG No.: D3615

Client: J.R.Holzmacher P.E., LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID:	**VP-4**								
D3615-01	VP-4	AIR	Dichlorodifluoromethane	0.34		0.040	0.05	0.10	ppbv
D3615-01	VP-4	AIR	tert-Butyl alcohol	0.17		0.100	0.05	0.10	ppbv
D3615-01	VP-4	AIR	Chloromethane	0.33		0.060	0.05	0.10	ppbv
D3615-01	VP-4	AIR	Trichlorofluoromethane	0.20		0.040	0.05	0.10	ppbv
D3615-01	VP-4	AIR	Heptane	0.08	J	0.060	0.05	0.10	ppbv
D3615-01	VP-4	AIR	Acetone	4.54		0.100	0.05	0.10	ppbv
D3615-01	VP-4	AIR	Methylene Chloride	0.28		0.050	0.05	0.10	ppbv
D3615-01	VP-4	AIR	2-Butanone	0.26		0.100	0.05	0.10	ppbv
D3615-01	VP-4	AIR	Carbon Tetrachloride	0.06		0.040	0.02	0.04	ppbv
D3615-01	VP-4	AIR	2,2,4-Trimethylpentane	0.11		0.040	0.05	0.10	ppbv
D3615-01	VP-4	AIR	Benzene	0.20		0.040	0.05	0.10	ppbv
D3615-01	VP-4	AIR	Toluene	0.49		0.050	0.05	0.10	ppbv
D3615-01	VP-4	AIR	Tetrachloroethene	0.08		0.030	0.015	0.03	ppbv
D3615-01	VP-4	AIR	m/p-Xylene	0.18	J	0.110	0.1	0.20	ppbv
D3615-01	VP-4	AIR	1,2,4-Trimethylbenzene	0.30		0.100	0.05	0.10	ppbv
D3615-01	VP-4	AIR	Hexane	0.16		0.040	0.05	0.10	ppbv
			Total Voc :		**7.78**				
			Total Concentration:		**7.78**				
Client ID:	**VP-5**								
D3615-02	VP-5	AIR	Dichlorodifluoromethane	0.23	J	0.092	0.115	0.23	ppbv
D3615-02	VP-5	AIR	tert-Butyl alcohol	23.50		0.230	0.115	0.23	ppbv
D3615-02	VP-5	AIR	Chloromethane	0.71		0.140	0.115	0.23	ppbv
D3615-02	VP-5	AIR	Vinyl Chloride	16.80		0.160	0.08	0.16	ppbv
D3615-02	VP-5	AIR	Chloroethane	365.00	E	0.160	0.115	0.23	ppbv
D3615-02	VP-5	AIR	Trichlorofluoromethane	1.24		0.092	0.115	0.23	ppbv
D3615-02	VP-5	AIR	Heptane	2.74		0.140	0.115	0.23	ppbv
D3615-02	VP-5	AIR	1,1-Dichloroethene	113.00	E	0.120	0.115	0.23	ppbv
D3615-02	VP-5	AIR	Acetone	356.00	E	0.230	0.115	0.23	ppbv
D3615-02	VP-5	AIR	Carbon Disulfide	0.62		0.120	0.115	0.23	ppbv
D3615-02	VP-5	AIR	trans-1,2-Dichloroethene	2.05		0.140	0.115	0.23	ppbv
D3615-02	VP-5	AIR	1,1-Dichloroethane	352.00	E	0.092	0.115	0.23	ppbv
D3615-02	VP-5	AIR	2-Butanone	8.60		0.230	0.115	0.23	ppbv
D3615-02	VP-5	AIR	cis-1,2-Dichloroethene	2.19		0.140	0.115	0.23	ppbv
D3615-02	VP-5	AIR	Chloroform	0.48		0.046	0.115	0.23	ppbv
D3615-02	VP-5	AIR	1,1,1-Trichloroethane	277.00	E	0.092	0.045	0.09	ppbv
D3615-02	VP-5	AIR	2,2,4-Trimethylpentane	1.93		0.092	0.115	0.23	ppbv
D3615-02	VP-5	AIR	Benzene	2.37		0.092	0.115	0.23	ppbv
D3615-02	VP-5	AIR	1,2-Dichloroethane	2.83		0.160	0.115	0.23	ppbv

CHEMTECH

Hit Summary Sheet
SW-846

SDG No.: D3615

Client: J.R.Holzmacher P.E., LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
D3615-02	VP-5	AIR	Trichloroethene	0.58		0.092	0.045	0.09	ppbv
D3615-02	VP-5	AIR	4-Methyl-2-Pentanone	0.58		0.140	0.115	0.23	ppbv
D3615-02	VP-5	AIR	Toluene	18.00		0.120	0.115	0.23	ppbv
D3615-02	VP-5	AIR	Tetrachloroethene	2.76		0.069	0.035	0.07	ppbv
D3615-02	VP-5	AIR	Ethyl Benzene	1.38		0.180	0.115	0.23	ppbv
D3615-02	VP-5	AIR	m/p-Xylene	3.66		0.250	0.23	0.46	ppbv
D3615-02	VP-5	AIR	o-Xylene	1.79		0.160	0.115	0.23	ppbv
D3615-02	VP-5	AIR	Styrene	0.78		0.160	0.115	0.23	ppbv
D3615-02	VP-5	AIR	1,3,5-Trimethylbenzene	1.20		0.210	0.115	0.23	ppbv
D3615-02	VP-5	AIR	1,2,4-Trimethylbenzene	3.29		0.230	0.115	0.23	ppbv
D3615-02	VP-5	AIR	4-Ethyltoluene	1.24		0.180	0.115	0.23	ppbv
D3615-02	VP-5	AIR	Hexane	15.00		0.092	0.115	0.23	ppbv
			Total Voc :	**1,579.55**					
			Total Concentration:	**1,579.55**					
Client ID:	**VP-5DL**								
D3615-02DL	VP-5DL	AIR	tert-Butyl alcohol	28.50	D	9.2	4.6	9.20	ppbv
D3615-02DL	VP-5DL	AIR	Vinyl Chloride	18.40	D	6.4	3.22	6.44	ppbv
D3615-02DL	VP-5DL	AIR	Chloroethane	416.00	D	6.4	4.6	9.20	ppbv
D3615-02DL	VP-5DL	AIR	1,1-Dichloroethene	123.00	D	4.6	4.6	9.20	ppbv
D3615-02DL	VP-5DL	AIR	Acetone	786.00	D	9.2	4.6	9.20	ppbv
D3615-02DL	VP-5DL	AIR	1,1-Dichloroethane	862.00	D	3.7	4.6	9.20	ppbv
D3615-02DL	VP-5DL	AIR	1,1,1-Trichloroethane	694.00	D	3.7	1.84	3.68	ppbv
D3615-02DL	VP-5DL	AIR	Toluene	12.90	D	4.6	4.6	9.20	ppbv
D3615-02DL	VP-5DL	AIR	Hexane	15.60	D	3.7	4.6	9.20	ppbv
			Total Voc :	**2,956.40**					
			Total Concentration:	**2,956.40**					
Client ID:	**VP-6**								
D3615-03	VP-6	AIR	Dichlorodifluoromethane	0.32		0.040	0.05	0.10	ppbv
D3615-03	VP-6	AIR	tert-Butyl alcohol	10.10		0.100	0.05	0.10	ppbv
D3615-03	VP-6	AIR	Chloromethane	0.24		0.060	0.05	0.10	ppbv
D3615-03	VP-6	AIR	Trichlorofluoromethane	9.89		0.040	0.05	0.10	ppbv
D3615-03	VP-6	AIR	Heptane	1.66		0.060	0.05	0.10	ppbv
D3615-03	VP-6	AIR	Acetone	151.00	E	0.100	0.05	0.10	ppbv
D3615-03	VP-6	AIR	Methylene Chloride	0.34		0.050	0.05	0.10	ppbv
D3615-03	VP-6	AIR	Cyclohexane	1.03		0.080	0.05	0.10	ppbv
D3615-03	VP-6	AIR	2-Butanone	3.21		0.100	0.05	0.10	ppbv
D3615-03	VP-6	AIR	Chloroform	0.19		0.020	0.05	0.10	ppbv
D3615-03	VP-6	AIR	1,1,1-Trichloroethane	0.13		0.040	0.02	0.04	ppbv
D3615-03	VP-6	AIR	2,2,4-Trimethylpentane	1.70		0.040	0.05	0.10	ppbv

CHEMTECH

Hit Summary Sheet
SW-846

SDG No.: D3615

Client: J.R.Holzmacher P.E., LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
D3615-03	VP-6	AIR	Benzene	0.97		0.040	0.05	0.10	ppbv
D3615-03	VP-6	AIR	Trichloroethene	0.10		0.040	0.02	0.04	ppbv
D3615-03	VP-6	AIR	4-Methyl-2-Pentanone	0.29		0.060	0.05	0.10	ppbv
D3615-03	VP-6	AIR	Toluene	8.21		0.050	0.05	0.10	ppbv
D3615-03	VP-6	AIR	Tetrachloroethene	4.88		0.030	0.015	0.03	ppbv
D3615-03	VP-6	AIR	Ethyl Benzene	1.82		0.080	0.05	0.10	ppbv
D3615-03	VP-6	AIR	m/p-Xylene	5.65		0.110	0.1	0.20	ppbv
D3615-03	VP-6	AIR	o-Xylene	2.79		0.070	0.05	0.10	ppbv
D3615-03	VP-6	AIR	Styrene	0.18		0.070	0.05	0.10	ppbv
D3615-03	VP-6	AIR	1,3,5-Trimethylbenzene	1.74		0.090	0.05	0.10	ppbv
D3615-03	VP-6	AIR	1,2,4-Trimethylbenzene	4.73		0.100	0.05	0.10	ppbv
D3615-03	VP-6	AIR	4-Ethyltoluene	2.08		0.080	0.05	0.10	ppbv
D3615-03	VP-6	AIR	Hexane	1.85		0.040	0.05	0.10	ppbv
			Total Voc :	**215.10**					
			Total Concentration:	**215.10**					
Client ID:	**VP-6DL**								
D3615-03DL	VP-6DL	AIR	tert-Butyl alcohol	14.40	D	4.0	2	4.00	ppbv
D3615-03DL	VP-6DL	AIR	Trichlorofluoromethane	11.60	D	1.6	2	4.00	ppbv
D3615-03DL	VP-6DL	AIR	Acetone	603.00	D	4.0	2	4.00	ppbv
D3615-03DL	VP-6DL	AIR	2-Butanone	4.80	D	4.0	2	4.00	ppbv
D3615-03DL	VP-6DL	AIR	Toluene	6.40	D	2.0	2	4.00	ppbv
D3615-03DL	VP-6DL	AIR	Tetrachloroethene	4.80	D	1.2	0.6	1.20	ppbv
D3615-03DL	VP-6DL	AIR	m/p-Xylene	4.40	JD	4.4	4	8.00	ppbv
D3615-03DL	VP-6DL	AIR	1,2,4-Trimethylbenzene	5.60	D	4.0	2	4.00	ppbv
			Total Voc :	**655.00**					
			Total Concentration:	**655.00**					
Client ID:	**VP-7**								
D3615-04	VP-7	AIR	Dichlorodifluoromethane	0.42		0.040	0.05	0.10	ppbv
D3615-04	VP-7	AIR	tert-Butyl alcohol	17.40	E	0.100	0.05	0.10	ppbv
D3615-04	VP-7	AIR	Chloromethane	0.39		0.060	0.05	0.10	ppbv
D3615-04	VP-7	AIR	Trichlorofluoromethane	51.30	E	0.040	0.05	0.10	ppbv
D3615-04	VP-7	AIR	Heptane	3.75		0.060	0.05	0.10	ppbv
D3615-04	VP-7	AIR	Acetone	134.00	E	0.100	0.05	0.10	ppbv
D3615-04	VP-7	AIR	Carbon Disulfide	0.34		0.050	0.05	0.10	ppbv
D3615-04	VP-7	AIR	Methylene Chloride	0.49		0.050	0.05	0.10	ppbv
D3615-04	VP-7	AIR	Cyclohexane	1.05		0.080	0.05	0.10	ppbv
D3615-04	VP-7	AIR	2-Butanone	8.93		0.100	0.05	0.10	ppbv
D3615-04	VP-7	AIR	Carbon Tetrachloride	0.04	J	0.040	0.02	0.04	ppbv
D3615-04	VP-7	AIR	Chloroform	0.18		0.020	0.05	0.10	ppbv

CHEMTECH

Hit Summary Sheet
SW-846

SDG No.: D3615

Client: J.R.Holzmacher P.E., LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
D3615-04	VP-7	AIR	1,1,1-Trichloroethane	0.38		0.040	0.02	0.04	ppbv
D3615-04	VP-7	AIR	Tetrahydrofuran	1.32		0.080	0.05	0.10	ppbv
D3615-04	VP-7	AIR	2,2,4-Trimethylpentane	3.81		0.040	0.05	0.10	ppbv
D3615-04	VP-7	AIR	Benzene	2.07		0.040	0.05	0.10	ppbv
D3615-04	VP-7	AIR	Trichloroethene	0.09		0.040	0.02	0.04	ppbv
D3615-04	VP-7	AIR	4-Methyl-2-Pentanone	2.57		0.060	0.05	0.10	ppbv
D3615-04	VP-7	AIR	Toluene	13.20		0.050	0.05	0.10	ppbv
D3615-04	VP-7	AIR	Tetrachloroethene	5.24		0.030	0.015	0.03	ppbv
D3615-04	VP-7	AIR	Ethyl Benzene	2.67		0.080	0.05	0.10	ppbv
D3615-04	VP-7	AIR	m/p-Xylene	6.89		0.110	0.1	0.20	ppbv
D3615-04	VP-7	AIR	o-Xylene	3.64		0.070	0.05	0.10	ppbv
D3615-04	VP-7	AIR	Styrene	0.21		0.070	0.05	0.10	ppbv
D3615-04	VP-7	AIR	1,3,5-Trimethylbenzene	2.16		0.090	0.05	0.10	ppbv
D3615-04	VP-7	AIR	1,2,4-Trimethylbenzene	5.79		0.100	0.05	0.10	ppbv
D3615-04	VP-7	AIR	4-Ethyltoluene	2.38		0.080	0.05	0.10	ppbv
D3615-04	VP-7	AIR	Hexane	4.13		0.040	0.05	0.10	ppbv
			Total Voc :	**274.84**					
			Total Concentration:	**274.84**					
Client ID:	**VP-7DL**								
D3615-04DL	VP-7DL	AIR	tert-Butyl alcohol	23.60	D	4.0	2	4.00	ppbv
D3615-04DL	VP-7DL	AIR	Trichlorofluoromethane	128.00	D	1.6	2	4.00	ppbv
D3615-04DL	VP-7DL	AIR	Acetone	558.00	D	4.0	2	4.00	ppbv
D3615-04DL	VP-7DL	AIR	2-Butanone	11.60	D	4.0	2	4.00	ppbv
D3615-04DL	VP-7DL	AIR	Toluene	12.80	D	2.0	2	4.00	ppbv
D3615-04DL	VP-7DL	AIR	Tetrachloroethene	5.20	D	1.2	0.6	1.20	ppbv
D3615-04DL	VP-7DL	AIR	m/p-Xylene	6.00	JD	4.4	4	8.00	ppbv
D3615-04DL	VP-7DL	AIR	1,2,4-Trimethylbenzene	6.40	D	4.0	2	4.00	ppbv
D3615-04DL	VP-7DL	AIR	Hexane	4.40	D	1.6	2	4.00	ppbv
			Total Voc :	**756.00**					
			Total Concentration:	**756.00**					

TARGET ANALYTES -
AIR RESULTS

Chemical	CAS Number	Molecular Weight	Insert Results in ppbv	Q	Generates Results in ug/m3	QAS Decision	Foot-Notes
Dichlorodifluoromethane	75-71-8	120.9	0.34		1.68		
tert-Butyl alcohol	75-65-0	74.12	0.17		0.52		
Chloromethane	74-87-3	50.49	0.33		0.68		
Methyl Methacrylate	80-62-6	100.117	0.1	U	0.41		
Vinyl Chloride	75-01-4	62.5	0.07	U	0.18		
Bromomethane	74-83-9	94.94	0.03	U	0.12		
Chloroethane	75-00-3	64.52	0.07	U	0.18		
Trichlorofluoromethane	75-69-4	137.4	0.2		1.12		
Dichlorotetrafluoroethane	76-14-2	170.9	0.04	U	0.28		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	0.04	U	0.31		
Bromoethene	593-60-2	106.9	0.03	U	0.13		
Heptane	142-82-5	100.2	0.08	J	0.33		
1,1-Dichloroethene	75-35-4	96.94	0.05	U	0.2		
Acetone	67-64-1	58.08	4.54		10.78		
Carbon Disulfide	75-15-0	76.14	0.05	U	0.16		
Methyl tert-Butyl Ether	1634-04-4	88.15	0.05	U	0.18		
Methylene Chloride	75-09-2	84.94	0.28		0.97		
Allyl Chloride	107-05-1	76.53	0.05	U	0.16		
trans-1,2-Dichloroethene	156-60-5	96.94	0.06	U	0.24		
1,1-Dichloroethane	75-34-3	98.96	0.04	U	0.16		
Cyclohexane	110-82-7	84.16	0.08	U	0.28		
2-Butanone	78-93-3	72.11	0.26		0.77		
Carbon Tetrachloride	56-23-5	153.8	0.06		0.38		
cis-1,2-Dichloroethene	156-59-2	96.94	0.06	U	0.24		
Chloroform	67-66-3	119.4	0.02	U	0.1		
1,4-Dioxane	123-91-1	88.12	0.09	U	0.32		
1,1,1-Trichloroethane	71-55-6	133.4	0.04	U	0.22		
Tetrahydrofuran	109-99-9	72.11	0.08	U	0.24		
2,2,4-Trimethylpentane	540-84-1	114.2	0.11		0.51		
Benzene	71-43-2	78.11	0.2		0.64		
1,2-Dichloroethane	107-06-2	98.96	0.07	U	0.28		
Trichloroethene	79-01-6	131.4	0.04	U	0.21		
1,2-Dichloropropane	78-87-5	113	0.06	U	0.28		
Bromodichloromethane	75-27-4	163.8	0.05	U	0.33		
4-Methyl-2-Pentanone	108-10-1	100.2	0.06	U	0.25		
Toluene	108-88-3	92.14	0.49		1.85		
t-1,3-Dichloropropene	10061-02-6	111	0.07	U	0.32		
cis-1,3-Dichloropropene	10061-01-5	111	0.06	U	0.27		
1,1,2-Trichloroethane	79-00-5	133.4	0.08	U	0.44		
Dibromochloromethane	124-48-1	208.3	0.05	U	0.43		
1,2-Dibromoethane	106-93-4	187.9	0.07	U	0.54		
Tetrachloroethene	127-18-4	165.8	0.08		0.54		
Chlorobenzene	108-90-7	112.6	0.09	U	0.41		
Ethyl Benzene	100-41-4	106.2	0.08	U	0.35		
m/p-Xylene	179601-23-1	106.2	0.18	J	0.78		
o-Xylene	95-47-6	106.2	0.07	U	0.3		
Styrene	100-42-5	104.1	0.07	U	0.3		
Bromoform	75-25-2	252.8	0.05	U	0.52		
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	0.09	U	0.44		

1,2,4-Trimethylbenzene	95-63-6	120.2	0.3		1.47		
4-Ethyltoluene	622-96-8	120.2	0.08	U	0.39		
1,3-Dichlorobenzene	541-73-1	147	0.08	U	0.48		
1,4-Dichlorobenzene	106-46-7	147	0.06	U	0.36		
1,2-Dichlorobenzene	95-50-1	147	0.07	U	0.42		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.04	U	0.3		
Hexachloro-1,3-Butadiene	87-68-3	260.8	0.08	U	0.85		
1,3-Butadiene	106-99-0	54.09	0.09	U	0.2		
Hexane	110-54-3	86.17	0.16		0.56		

Chemical	CAS Number	Molecular Weight	Insert Results in ppbv	Q	Generates Results in ug/m3	QAS Decision	Foot-Notes
Dichlorodifluoromethane	75-71-8	120.9	0.23	J	1.14		
tert-Butyl alcohol	75-65-0	74.12	23.5		71.24		
Chloromethane	74-87-3	50.49	0.71		1.47		
Methyl Methacrylate	80-62-6	100.117	0.23	U	0.94		
Vinyl Chloride	75-01-4	62.5	16.8		42.94		
Bromomethane	74-83-9	94.94	0.069	U	0.27		
Chloroethane	75-00-3	64.52	365	E	963.18		
Trichlorofluoromethane	75-69-4	137.4	1.24		6.97		
Dichlorotetrafluoroethane	76-14-2	170.9	0.092	U	0.64		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	0.092	U	0.71		
Bromoethene	593-60-2	106.9	0.069	U	0.3		
Heptane	142-82-5	100.2	2.74		11.23		
1,1-Dichloroethene	75-35-4	96.94	113	E	448.03		
Acetone	67-64-1	58.08	356	E	845.66		
Carbon Disulfide	75-15-0	76.14	0.62		1.93		
Methyl tert-Butyl Ether	1634-04-4	88.15	0.12	U	0.43		
Methylene Chloride	75-09-2	84.94	0.12	U	0.42		
Allyl Chloride	107-05-1	76.53	0.12	U	0.38		
trans-1,2-Dichloroethene	156-60-5	96.94	2.05		8.13		
1,1-Dichloroethane	75-34-3	98.96	352	E	1424.7		
Cyclohexane	110-82-7	84.16	0.18	U	0.62		
2-Butanone	78-93-3	72.11	8.6		25.36		
Carbon Tetrachloride	56-23-5	153.8	0.092	U	0.58		
cis-1,2-Dichloroethene	156-59-2	96.94	2.19		8.68		
Chloroform	67-66-3	119.4	0.48		2.34		
1,4-Dioxane	123-91-1	88.12	0.21	U	0.76		
1,1,1-Trichloroethane	71-55-6	133.4	277	E	1511.32		
Tetrahydrofuran	109-99-9	72.11	0.18	U	0.53		
2,2,4-Trimethylpentane	540-84-1	114.2	1.93		9.01		
Benzene	71-43-2	78.11	2.37		7.57		
1,2-Dichloroethane	107-06-2	98.96	2.83		11.45		
Trichloroethene	79-01-6	131.4	0.58		3.12		
1,2-Dichloropropane	78-87-5	113	0.14	U	0.65		
Bromodichloromethane	75-27-4	163.8	0.12	U	0.8		
4-Methyl-2-Pentanone	108-10-1	100.2	0.58		2.38		
Toluene	108-88-3	92.14	18		67.83		
t-1,3-Dichloropropene	10061-02-6	111	0.16	U	0.73		
cis-1,3-Dichloropropene	10061-01-5	111	0.14	U	0.64		
1,1,2-Trichloroethane	79-00-5	133.4	0.18	U	0.98		
Dibromochloromethane	124-48-1	208.3	0.12	U	1.02		
1,2-Dibromoethane	106-93-4	187.9	0.16	U	1.23		
Tetrachloroethene	127-18-4	165.8	2.76		18.72		
Chlorobenzene	108-90-7	112.6	0.21	U	0.97		
Ethyl Benzene	100-41-4	106.2	1.38		5.99		
m/p-Xylene	179601-23-1	106.2	3.66		15.9		
o-Xylene	95-47-6	106.2	1.79		7.77		
Styrene	100-42-5	104.1	0.78		3.32		
Bromoform	75-25-2	252.8	0.12	U	1.24		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.23	U	1.58		
2-Chlorotoluene	95-49-8	126.6	0.23	U	1.19		
1,3,5-Trimethylbenzene	108-67-8	120.2	1.2		5.9		

1,2,4-Trimethylbenzene	95-63-6	120.2	3.29		16.17		
4-Ethyltoluene	622-96-8	120.2	1.24		6.1		
1,3-Dichlorobenzene	541-73-1	147	0.18	U	1.08		
1,4-Dichlorobenzene	106-46-7	147	0.14	U	0.84		
1,2-Dichlorobenzene	95-50-1	147	0.16	U	0.96		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.092	U	0.68		
Hexachloro-1,3-Butadiene	87-68-3	260.8	0.18	U	1.92		
1,3-Butadiene	106-99-0	54.09	0.21	U	0.46		
Hexane	110-54-3	86.17	15		52.87		

TARGET ANALYTES -
AIR RESULTS

Chemical	CAS Number	Molecular Weight	Insert Results in ppbv	Q	Generates Results in ug/m3	QAS Decision	Foot-Notes
Dichlorodifluoromethane	75-71-8	120.9	3.7	U	18.3		
tert-Butyl alcohol	75-65-0	74.12	28.5	D	86.4		
Chloromethane	74-87-3	50.49	5.5	U	11.36		
Methyl Methacrylate	80-62-6	100.117	9.2	U	37.67		
Vinyl Chloride	75-01-4	62.5	18.4	D	47.03		
Bromomethane	74-83-9	94.94	2.8	U	10.87		
Chloroethane	75-00-3	64.52	416	D	1097.76		
Trichlorofluoromethane	75-69-4	137.4	3.7	U	20.79		
Dichlorotetrafluoroethane	76-14-2	170.9	3.7	U	25.86		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	3.7	U	28.36		
Bromoethene	593-60-2	106.9	2.8	U	12.24		
Heptane	142-82-5	100.2	5.5	U	22.54		
1,1-Dichloroethene	75-35-4	96.94	123	D	487.67		
Acetone	67-64-1	58.08	786	D	1867.11		
Carbon Disulfide	75-15-0	76.14	4.6	U	14.32		
Methyl tert-Butyl Ether	1634-04-4	88.15	4.6	U	16.58		
Methylene Chloride	75-09-2	84.94	4.6	U	15.98		
Allyl Chloride	107-05-1	76.53	4.6	U	14.4		
trans-1,2-Dichloroethene	156-60-5	96.94	5.5	U	21.81		
1,1-Dichloroethane	75-34-3	98.96	862	D	3488.9		
Cyclohexane	110-82-7	84.16	7.4	U	25.47		
2-Butanone	78-93-3	72.11	9.2	U	27.13		
Carbon Tetrachloride	56-23-5	153.8	3.7	U	23.27		
cis-1,2-Dichloroethene	156-59-2	96.94	5.5	U	21.81		
Chloroform	67-66-3	119.4	1.8	U	8.79		
1,4-Dioxane	123-91-1	88.12	8.3	U	29.91		
1,1,1-Trichloroethane	71-55-6	133.4	694	D	3786.49		
Tetrahydrofuran	109-99-9	72.11	7.4	U	21.82		
2,2,4-Trimethylpentane	540-84-1	114.2	3.7	U	17.28		
Benzene	71-43-2	78.11	3.7	U	11.82		
1,2-Dichloroethane	107-06-2	98.96	6.4	U	25.9		
Trichloroethene	79-01-6	131.4	3.7	U	19.88		
1,2-Dichloropropane	78-87-5	113	5.5	U	25.42		
Bromodichloromethane	75-27-4	163.8	4.6	U	30.82		
4-Methyl-2-Pentanone	108-10-1	100.2	5.5	U	22.54		
Toluene	108-88-3	92.14	12.9	D	48.61		
t-1,3-Dichloropropene	10061-02-6	111	6.4	U	29.06		
cis-1,3-Dichloropropene	10061-01-5	111	5.5	U	24.97		
1,1,2-Trichloroethane	79-00-5	133.4	7.4	U	40.37		
Dibromochloromethane	124-48-1	208.3	4.6	U	39.19		
1,2-Dibromoethane	106-93-4	187.9	6.4	U	49.18		
Tetrachloroethene	127-18-4	165.8	2.8	U	18.99		
Chlorobenzene	108-90-7	112.6	8.3	U	38.22		
Ethyl Benzene	100-41-4	106.2	7.4	U	32.14		
m/p-Xylene	179601-23-1	106.2	10	U	43.44		
o-Xylene	95-47-6	106.2	6.4	U	27.8		
Styrene	100-42-5	104.1	6.4	U	27.25		
Bromoform	75-25-2	252.8	4.6	U	47.56		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	9.2	U	63.18		
2-Chlorotoluene	95-49-8	126.6	9.2	U	47.64		
1,3,5-Trimethylbenzene	108-67-8	120.2	8.3	U	40.8		

1,2,4-Trimethylbenzene	95-63-6	120.2	9.2	U	45.23		
4-Ethyltoluene	622-96-8	120.2	7.4	U	36.38		
1,3-Dichlorobenzene	541-73-1	147	7.4	U	44.49		
1,4-Dichlorobenzene	106-46-7	147	5.5	U	33.07		
1,2-Dichlorobenzene	95-50-1	147	6.4	U	38.48		
1,2,4-Trichlorobenzene	120-82-1	181.5	3.7	U	27.47		
Hexachloro-1,3-Butadiene	87-68-3	260.8	7.4	U	78.93		
1,3-Butadiene	106-99-0	54.09	8.3	U	18.36		
Hexane	110-54-3	86.17	15.6	D	54.98		

Chemical	CAS Number	Molecular Weight	Insert Results in ppbv	Q	Generates Results in ug/m3	QAS Decision	Foot-Notes
Dichlorodifluoromethane	75-71-8	120.9	0.32		1.58		
tert-Butyl alcohol	75-65-0	74.12	10.1		30.62		
Chloromethane	74-87-3	50.49	0.24		0.5		
Methyl Methacrylate	80-62-6	100.117	0.1	U	0.41		
Vinyl Chloride	75-01-4	62.5	0.07	U	0.18		
Bromomethane	74-83-9	94.94	0.03	U	0.12		
Chloroethane	75-00-3	64.52	0.07	U	0.18		
Trichlorofluoromethane	75-69-4	137.4	9.89		55.58		
Dichlorotetrafluoroethane	76-14-2	170.9	0.04	U	0.28		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	0.04	U	0.31		
Bromoethene	593-60-2	106.9	0.03	U	0.13		
Heptane	142-82-5	100.2	1.66		6.8		
1,1-Dichloroethene	75-35-4	96.94	0.05	U	0.2		
Acetone	67-64-1	58.08	151	E	358.69		
Carbon Disulfide	75-15-0	76.14	0.05	U	0.16		
Methyl tert-Butyl Ether	1634-04-4	88.15	0.05	U	0.18		
Methylene Chloride	75-09-2	84.94	0.34		1.18		
Allyl Chloride	107-05-1	76.53	0.05	U	0.16		
trans-1,2-Dichloroethene	156-60-5	96.94	0.06	U	0.24		
1,1-Dichloroethane	75-34-3	98.96	0.04	U	0.16		
Cyclohexane	110-82-7	84.16	1.03		3.55		
2-Butanone	78-93-3	72.11	3.21		9.47		
Carbon Tetrachloride	56-23-5	153.8	0.04	U	0.25		
cis-1,2-Dichloroethene	156-59-2	96.94	0.06	U	0.24		
Chloroform	67-66-3	119.4	0.19		0.93		
1,4-Dioxane	123-91-1	88.12	0.09	U	0.32		
1,1,1-Trichloroethane	71-55-6	133.4	0.13		0.71		
Tetrahydrofuran	109-99-9	72.11	0.08	U	0.24		
2,2,4-Trimethylpentane	540-84-1	114.2	1.7		7.94		
Benzene	71-43-2	78.11	0.97		3.1		
1,2-Dichloroethane	107-06-2	98.96	0.07	U	0.28		
Trichloroethene	79-01-6	131.4	0.1		0.54		
1,2-Dichloropropane	78-87-5	113	0.06	U	0.28		
Bromodichloromethane	75-27-4	163.8	0.05	U	0.33		
4-Methyl-2-Pentanone	108-10-1	100.2	0.29		1.19		
Toluene	108-88-3	92.14	8.21		30.94		
t-1,3-Dichloropropene	10061-02-6	111	0.07	U	0.32		
cis-1,3-Dichloropropene	10061-01-5	111	0.06	U	0.27		
1,1,2-Trichloroethane	79-00-5	133.4	0.08	U	0.44		
Dibromochloromethane	124-48-1	208.3	0.05	U	0.43		
1,2-Dibromoethane	106-93-4	187.9	0.07	U	0.54		
Tetrachloroethene	127-18-4	165.8	4.88		33.09		
Chlorobenzene	108-90-7	112.6	0.09	U	0.41		
Ethyl Benzene	100-41-4	106.2	1.82		7.91		
m/p-Xylene	179601-23-1	106.2	5.65		24.54		
o-Xylene	95-47-6	106.2	2.79		12.12		
Styrene	100-42-5	104.1	0.18		0.77		
Bromoform	75-25-2	252.8	0.05	U	0.52		
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	1.74		8.55		

1,2,4-Trimethylbenzene	95-63-6	120.2	4.73		23.25		
4-Ethyltoluene	622-96-8	120.2	2.08		10.23		
1,3-Dichlorobenzene	541-73-1	147	0.08	U	0.48		
1,4-Dichlorobenzene	106-46-7	147	0.06	U	0.36		
1,2-Dichlorobenzene	95-50-1	147	0.07	U	0.42		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.04	U	0.3		
Hexachloro-1,3-Butadiene	87-68-3	260.8	0.08	U	0.85		
1,3-Butadiene	106-99-0	54.09	0.09	U	0.2		
Hexane	110-54-3	86.17	1.85		6.52		

Chemical	CAS Number	Molecular Weight	Insert Results in ppbv	Q	Generates Results in ug/m3	QAS Decision	Foot-Notes
Dichlorodifluoromethane	75-71-8	120.9	1.6	U	7.91		
tert-Butyl alcohol	75-65-0	74.12	14.4	D	43.65		
Chloromethane	74-87-3	50.49	2.4	U	4.96		
Methyl Methacrylate	80-62-6	100.117	4	U	16.38		
Vinyl Chloride	75-01-4	62.5	2.8	U	7.16		
Bromomethane	74-83-9	94.94	1.2	U	4.66		
Chloroethane	75-00-3	64.52	2.8	U	7.39		
Trichlorofluoromethane	75-69-4	137.4	11.6	D	65.19		
Dichlorotetrafluoroethane	76-14-2	170.9	1.6	U	11.18		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	1.6	U	12.26		
Bromoethene	593-60-2	106.9	1.2	U	5.25		
Heptane	142-82-5	100.2	2.4	U	9.84		
1,1-Dichloroethene	75-35-4	96.94	2	U	7.93		
Acetone	67-64-1	58.08	603	D	1432.4		
Carbon Disulfide	75-15-0	76.14	2	U	6.23		
Methyl tert-Butyl Ether	1634-04-4	88.15	2	U	7.21		
Methylene Chloride	75-09-2	84.94	2	U	6.95		
Allyl Chloride	107-05-1	76.53	2	U	6.26		
trans-1,2-Dichloroethene	156-60-5	96.94	2.4	U	9.52		
1,1-Dichloroethane	75-34-3	98.96	1.6	U	6.48		
Cyclohexane	110-82-7	84.16	3.2	U	11.01		
2-Butanone	78-93-3	72.11	4.8	D	14.16		
Carbon Tetrachloride	56-23-5	153.8	1.6	U	10.06		
cis-1,2-Dichloroethene	156-59-2	96.94	2.4	U	9.52		
Chloroform	67-66-3	119.4	0.8	U	3.91		
1,4-Dioxane	123-91-1	88.12	3.6	U	12.97		
1,1,1-Trichloroethane	71-55-6	133.4	1.6	U	8.73		
Tetrahydrofuran	109-99-9	72.11	3.2	U	9.44		
2,2,4-Trimethylpentane	540-84-1	114.2	1.6	U	7.47		
Benzene	71-43-2	78.11	1.6	U	5.11		
1,2-Dichloroethane	107-06-2	98.96	2.8	U	11.33		
Trichloroethene	79-01-6	131.4	1.6	U	8.6		
1,2-Dichloropropane	78-87-5	113	2.4	U	11.09		
Bromodichloromethane	75-27-4	163.8	2	U	13.4		
4-Methyl-2-Pentanone	108-10-1	100.2	2.4	U	9.84		
Toluene	108-88-3	92.14	6.4	D	24.12		
t-1,3-Dichloropropene	10061-02-6	111	2.8	U	12.71		
cis-1,3-Dichloropropene	10061-01-5	111	2.4	U	10.9		
1,1,2-Trichloroethane	79-00-5	133.4	3.2	U	17.46		
Dibromochloromethane	124-48-1	208.3	2	U	17.04		
1,2-Dibromoethane	106-93-4	187.9	2.8	U	21.52		
Tetrachloroethene	127-18-4	165.8	4.8	D	32.55		
Chlorobenzene	108-90-7	112.6	3.6	U	16.58		
Ethyl Benzene	100-41-4	106.2	3.2	U	13.9		
m/p-Xylene	179601-23-1	106.2	4.4	JD	19.11		
o-Xylene	95-47-6	106.2	2.8	U	12.16		
Styrene	100-42-5	104.1	2.8	U	11.92		
Bromoform	75-25-2	252.8	2	U	20.68		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	4	U	27.47		
2-Chlorotoluene	95-49-8	126.6	4	U	20.71		
1,3,5-Trimethylbenzene	108-67-8	120.2	3.6	U	17.7		

1,2,4-Trimethylbenzene	95-63-6	120.2	5.6	D	27.53		
4-Ethyltoluene	622-96-8	120.2	3.2	U	15.73		
1,3-Dichlorobenzene	541-73-1	147	3.2	U	19.24		
1,4-Dichlorobenzene	106-46-7	147	2.4	U	14.43		
1,2-Dichlorobenzene	95-50-1	147	2.8	U	16.83		
1,2,4-Trichlorobenzene	120-82-1	181.5	1.6	U	11.88		
Hexachloro-1,3-Butadiene	87-68-3	260.8	3.2	U	34.13		
1,3-Butadiene	106-99-0	54.09	3.6	U	7.96		
Hexane	110-54-3	86.17	1.6	U	5.64		

Chemical	CAS Number	Molecular Weight	Insert Results in ppbv	Q	Generates Results in ug/m3	QAS Decision	Foot-Notes
Dichlorodifluoromethane	75-71-8	120.9	0.42		2.08		
tert-Butyl alcohol	75-65-0	74.12	17.4	E	52.75		
Chloromethane	74-87-3	50.49	0.39		0.81		
Methyl Methacrylate	80-62-6	100.117	0.1	U	0.41		
Vinyl Chloride	75-01-4	62.5	0.07	U	0.18		
Bromomethane	74-83-9	94.94	0.03	U	0.12		
Chloroethane	75-00-3	64.52	0.07	U	0.18		
Trichlorofluoromethane	75-69-4	137.4	51.3	E	288.29		
Dichlorotetrafluoroethane	76-14-2	170.9	0.04	U	0.28		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	0.04	U	0.31		
Bromoethene	593-60-2	106.9	0.03	U	0.13		
Heptane	142-82-5	100.2	3.75		15.37		
1,1-Dichloroethene	75-35-4	96.94	0.05	U	0.2		
Acetone	67-64-1	58.08	134	E	318.31		
Carbon Disulfide	75-15-0	76.14	0.34		1.06		
Methyl tert-Butyl Ether	1634-04-4	88.15	0.05	U	0.18		
Methylene Chloride	75-09-2	84.94	0.49		1.7		
Allyl Chloride	107-05-1	76.53	0.05	U	0.16		
trans-1,2-Dichloroethene	156-60-5	96.94	0.06	U	0.24		
1,1-Dichloroethane	75-34-3	98.96	0.04	U	0.16		
Cyclohexane	110-82-7	84.16	1.05		3.61		
2-Butanone	78-93-3	72.11	8.93		26.34		
Carbon Tetrachloride	56-23-5	153.8	0.04	J	0.25		
cis-1,2-Dichloroethene	156-59-2	96.94	0.06	U	0.24		
Chloroform	67-66-3	119.4	0.18		0.88		
1,4-Dioxane	123-91-1	88.12	0.09	U	0.32		
1,1,1-Trichloroethane	71-55-6	133.4	0.38		2.07		
Tetrahydrofuran	109-99-9	72.11	1.32		3.89		
2,2,4-Trimethylpentane	540-84-1	114.2	3.81		17.8		
Benzene	71-43-2	78.11	2.07		6.61		
1,2-Dichloroethane	107-06-2	98.96	0.07	U	0.28		
Trichloroethene	79-01-6	131.4	0.09		0.48		
1,2-Dichloropropane	78-87-5	113	0.06	U	0.28		
Bromodichloromethane	75-27-4	163.8	0.05	U	0.33		
4-Methyl-2-Pentanone	108-10-1	100.2	2.57		10.53		
Toluene	108-88-3	92.14	13.2		49.74		
t-1,3-Dichloropropene	10061-02-6	111	0.07	U	0.32		
cis-1,3-Dichloropropene	10061-01-5	111	0.06	U	0.27		
1,1,2-Trichloroethane	79-00-5	133.4	0.08	U	0.44		
Dibromochloromethane	124-48-1	208.3	0.05	U	0.43		
1,2-Dibromoethane	106-93-4	187.9	0.07	U	0.54		
Tetrachloroethene	127-18-4	165.8	5.24		35.53		
Chlorobenzene	108-90-7	112.6	0.09	U	0.41		
Ethyl Benzene	100-41-4	106.2	2.67		11.6		
m/p-Xylene	179601-23-1	106.2	6.89		29.93		
o-Xylene	95-47-6	106.2	3.64		15.81		
Styrene	100-42-5	104.1	0.21		0.89		
Bromoform	75-25-2	252.8	0.05	U	0.52		
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	2.16		10.62		

1,2,4-Trimethylbenzene	95-63-6	120.2	5.79		28.46		
4-Ethyltoluene	622-96-8	120.2	2.38		11.7		
1,3-Dichlorobenzene	541-73-1	147	0.08	U	0.48		
1,4-Dichlorobenzene	106-46-7	147	0.06	U	0.36		
1,2-Dichlorobenzene	95-50-1	147	0.07	U	0.42		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.04	U	0.3		
Hexachloro-1,3-Butadiene	87-68-3	260.8	0.08	U	0.85		
1,3-Butadiene	106-99-0	54.09	0.09	U	0.2		
Hexane	110-54-3	86.17	4.13		14.56		

Chemical	CAS Number	Molecular Weight	Insert Results in ppbv	Q	Generates Results in ug/m3	QAS Decision	Foot-Notes
Dichlorodifluoromethane	75-71-8	120.9	1.6	U	7.91		
tert-Butyl alcohol	75-65-0	74.12	23.6	D	71.54		
Chloromethane	74-87-3	50.49	2.4	U	4.96		
Methyl Methacrylate	80-62-6	100.117	4	U	16.38		
Vinyl Chloride	75-01-4	62.5	2.8	U	7.16		
Bromomethane	74-83-9	94.94	1.2	U	4.66		
Chloroethane	75-00-3	64.52	2.8	U	7.39		
Trichlorofluoromethane	75-69-4	137.4	128	D	719.31		
Dichlorotetrafluoroethane	76-14-2	170.9	1.6	U	11.18		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	1.6	U	12.26		
Bromoethene	593-60-2	106.9	1.2	U	5.25		
Heptane	142-82-5	100.2	2.4	U	9.84		
1,1-Dichloroethene	75-35-4	96.94	2	U	7.93		
Acetone	67-64-1	58.08	558	D	1325.51		
Carbon Disulfide	75-15-0	76.14	2	U	6.23		
Methyl tert-Butyl Ether	1634-04-4	88.15	2	U	7.21		
Methylene Chloride	75-09-2	84.94	2	U	6.95		
Allyl Chloride	107-05-1	76.53	2	U	6.26		
trans-1,2-Dichloroethene	156-60-5	96.94	2.4	U	9.52		
1,1-Dichloroethane	75-34-3	98.96	1.6	U	6.48		
Cyclohexane	110-82-7	84.16	3.2	U	11.01		
2-Butanone	78-93-3	72.11	11.6	D	34.21		
Carbon Tetrachloride	56-23-5	153.8	1.6	U	10.06		
cis-1,2-Dichloroethene	156-59-2	96.94	2.4	U	9.52		
Chloroform	67-66-3	119.4	0.8	U	3.91		
1,4-Dioxane	123-91-1	88.12	3.6	U	12.97		
1,1,1-Trichloroethane	71-55-6	133.4	1.6	U	8.73		
Tetrahydrofuran	109-99-9	72.11	3.2	U	9.44		
2,2,4-Trimethylpentane	540-84-1	114.2	1.6	U	7.47		
Benzene	71-43-2	78.11	1.6	U	5.11		
1,2-Dichloroethane	107-06-2	98.96	2.8	U	11.33		
Trichloroethene	79-01-6	131.4	1.6	U	8.6		
1,2-Dichloropropane	78-87-5	113	2.4	U	11.09		
Bromodichloromethane	75-27-4	163.8	2	U	13.4		
4-Methyl-2-Pentanone	108-10-1	100.2	2.4	U	9.84		
Toluene	108-88-3	92.14	12.8	D	48.24		
t-1,3-Dichloropropene	10061-02-6	111	2.8	U	12.71		
cis-1,3-Dichloropropene	10061-01-5	111	2.4	U	10.9		
1,1,2-Trichloroethane	79-00-5	133.4	3.2	U	17.46		
Dibromochloromethane	124-48-1	208.3	2	U	17.04		
1,2-Dibromoethane	106-93-4	187.9	2.8	U	21.52		
Tetrachloroethene	127-18-4	165.8	5.2	D	35.26		
Chlorobenzene	108-90-7	112.6	3.6	U	16.58		
Ethyl Benzene	100-41-4	106.2	3.2	U	13.9		
m/p-Xylene	179601-23-1	106.2	6	JD	26.06		
o-Xylene	95-47-6	106.2	2.8	U	12.16		
Styrene	100-42-5	104.1	2.8	U	11.92		
Bromoform	75-25-2	252.8	2	U	20.68		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	4	U	27.47		
2-Chlorotoluene	95-49-8	126.6	4	U	20.71		
1,3,5-Trimethylbenzene	108-67-8	120.2	3.6	U	17.7		

1,2,4-Trimethylbenzene	95-63-6	120.2	6.4	D	31.46		
4-Ethyltoluene	622-96-8	120.2	3.2	U	15.73		
1,3-Dichlorobenzene	541-73-1	147	3.2	U	19.24		
1,4-Dichlorobenzene	106-46-7	147	2.4	U	14.43		
1,2-Dichlorobenzene	95-50-1	147	2.8	U	16.83		
1,2,4-Trichlorobenzene	120-82-1	181.5	1.6	U	11.88		
Hexachloro-1,3-Butadiene	87-68-3	260.8	3.2	U	34.13		
1,3-Butadiene	106-99-0	54.09	3.6	U	7.96		
Hexane	110-54-3	86.17	4.4	D	15.51		

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:	07/27/12
Project:	JSKim 10-01	Date Received:	07/31/12
Client Sample ID:	VP-4	SDG No.:	d3615
Lab Sample ID:	D3615-01	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
VL017631.D	1		07/31/12	VL073112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	0.34	1.68		0.04	0.05	0.1	ppbv
75-65-0	tert-Butyl alcohol	0.17	0.52		0.1	0.1	0.1	ppbv
74-87-3	Chloromethane	0.33	0.68		0.06	0.05	0.1	ppbv
80-62-6	Methyl Methacrylate	0.1	0.41	U	0.1	0.1	0.1	ppbv
75-01-4	Vinyl Chloride	0.07	0.18	U	0.07	0.07	0.07	ppbv
74-83-9	Bromomethane	0.03	0.12	U	0.03	0.05	0.1	ppbv
75-00-3	Chloroethane	0.07	0.18	U	0.07	0.05	0.1	ppbv
75-69-4	Trichlorofluoromethane	0.2	1.12		0.04	0.05	0.1	ppbv
76-14-2	Dichlorotetrafluoroethane	0.04	0.28	U	0.04	0.05	0.1	ppbv
76-13-1	1,1,2-Trichlorotrifluoroethane	0.04	0.31	U	0.04	0.05	0.1	ppbv
593-60-2	Bromoethene	0.03	0.13	U	0.03	0.05	0.1	ppbv
142-82-5	Heptane	0.08	0.33	J	0.06	0.05	0.1	ppbv
75-35-4	1,1-Dichloroethene	0.05	0.2	U	0.05	0.05	0.1	ppbv
67-64-1	Acetone	4.54	10.8		0.1	0.1	0.1	ppbv
75-15-0	Carbon Disulfide	0.05	0.16	U	0.05	0.05	0.1	ppbv
1634-04-4	Methyl tert-Butyl Ether	0.05	0.18	U	0.05	0.05	0.1	ppbv
75-09-2	Methylene Chloride	0.28	0.97		0.05	0.05	0.1	ppbv
107-05-1	Allyl Chloride	0.05	0.16	U	0.05	0.05	0.1	ppbv
156-60-5	trans-1,2-Dichloroethene	0.06	0.24	U	0.06	0.05	0.1	ppbv
75-34-3	1,1-Dichloroethane	0.04	0.16	U	0.04	0.05	0.1	ppbv
110-82-7	Cyclohexane	0.08	0.28	U	0.08	0.05	0.1	ppbv
78-93-3	2-Butanone	0.26	0.77		0.1	0.1	0.1	ppbv
56-23-5	Carbon Tetrachloride	0.06	0.38		0.04	0.04	0.04	ppbv
156-59-2	cis-1,2-Dichloroethene	0.06	0.24	U	0.06	0.05	0.1	ppbv
67-66-3	Chloroform	0.02	0.1	U	0.02	0.05	0.1	ppbv
123-91-1	1,4-Dioxane	0.09	0.32	U	0.09	0.05	0.1	ppbv
71-55-6	1,1,1-Trichloroethane	0.04	0.22	U	0.04	0.04	0.04	ppbv
109-99-9	Tetrahydrofuran	0.08	0.24	U	0.08	0.05	0.1	ppbv
540-84-1	2,2,4-Trimethylpentane	0.11	0.51		0.04	0.05	0.1	ppbv
71-43-2	Benzene	0.2	0.64		0.04	0.05	0.1	ppbv
107-06-2	1,2-Dichloroethane	0.07	0.28	U	0.07	0.05	0.1	ppbv
79-01-6	Trichloroethene	0.04	0.21	U	0.04	0.04	0.04	ppbv
78-87-5	1,2-Dichloropropane	0.06	0.28	U	0.06	0.05	0.1	ppbv
75-27-4	Bromodichloromethane	0.05	0.33	U	0.05	0.05	0.1	ppbv
108-10-1	4-Methyl-2-Pentanone	0.06	0.25	U	0.06	0.05	0.1	ppbv
108-88-3	Toluene	0.49	1.85		0.05	0.05	0.1	ppbv
10061-02-6	t-1,3-Dichloropropene	0.07	0.32	U	0.07	0.05	0.1	ppbv
10061-01-5	cis-1,3-Dichloropropene	0.06	0.27	U	0.06	0.05	0.1	ppbv

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:	07/27/12
Project:	JSKim 10-01	Date Received:	07/31/12
Client Sample ID:	VP-4	SDG No.:	d3615
Lab Sample ID:	D3615-01	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
VL017631.D	1		07/31/12	VL073112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.08	0.44	U	0.08	0.05	0.1	ppbv
124-48-1	Dibromochloromethane	0.05	0.43	U	0.05	0.05	0.1	ppbv
106-93-4	1,2-Dibromoethane	0.07	0.54	U	0.07	0.05	0.1	ppbv
127-18-4	Tetrachloroethene	0.08	0.54		0.03	0.03	0.03	ppbv
108-90-7	Chlorobenzene	0.09	0.41	U	0.09	0.05	0.1	ppbv
100-41-4	Ethyl Benzene	0.08	0.35	U	0.08	0.05	0.1	ppbv
179601-23-1	m/p-Xylene	0.18	0.78	J	0.11	0.1	0.2	ppbv
95-47-6	o-Xylene	0.07	0.3	U	0.07	0.05	0.1	ppbv
100-42-5	Styrene	0.07	0.3	U	0.07	0.05	0.1	ppbv
75-25-2	Bromoform	0.05	0.52	U	0.05	0.05	0.1	ppbv
79-34-5	1,1,2,2-Tetrachloroethane	0.1	0.69	U	0.1	0.1	0.1	ppbv
95-49-8	2-Chlorotoluene	0.1	0.52	U	0.1	0.1	0.1	ppbv
108-67-8	1,3,5-Trimethylbenzene	0.09	0.44	U	0.09	0.05	0.1	ppbv
95-63-6	1,2,4-Trimethylbenzene	0.3	1.47		0.1	0.1	0.1	ppbv
622-96-8	4-Ethyltoluene	0.08	0.39	U	0.08	0.05	0.1	ppbv
541-73-1	1,3-Dichlorobenzene	0.08	0.48	U	0.08	0.05	0.1	ppbv
106-46-7	1,4-Dichlorobenzene	0.06	0.36	U	0.06	0.05	0.1	ppbv
95-50-1	1,2-Dichlorobenzene	0.07	0.42	U	0.07	0.05	0.1	ppbv
120-82-1	1,2,4-Trichlorobenzene	0.04	0.3	U	0.04	0.05	0.1	ppbv
87-68-3	Hexachloro-1,3-Butadiene	0.08	0.85	U	0.08	0.05	0.1	ppbv
106-99-0	1,3-Butadiene	0.09	0.2	U	0.09	0.05	0.1	ppbv
110-54-3	Hexane	0.16	0.56		0.04	0.05	0.1	ppbv
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	11			65 - 135		110%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	738135		6.36				
540-36-3	1,4-Difluorobenzene	2096080		7.92				
3114-55-4	Chlorobenzene-d5	1801890		12.9				

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:	07/27/12
Project:	JSKim 10-01	Date Received:	07/31/12
Client Sample ID:	VP-5	SDG No.:	d3615
Lab Sample ID:	D3615-02	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
VL017633.D	2.3		07/31/12	VL073112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	0.23	1.14	J	0.092	0.115	0.23	ppbv
75-65-0	tert-Butyl alcohol	23.5	71.2		0.23	0.23	0.23	ppbv
74-87-3	Chloromethane	0.71	1.47		0.14	0.115	0.23	ppbv
80-62-6	Methyl Methacrylate	0.23	0.94	U	0.23	0.23	0.23	ppbv
75-01-4	Vinyl Chloride	16.8	42.9		0.16	0.16	0.16	ppbv
74-83-9	Bromomethane	0.069	0.27	U	0.069	0.115	0.23	ppbv
75-00-3	Chloroethane	365	963	E	0.16	0.115	0.23	ppbv
75-69-4	Trichlorofluoromethane	1.24	6.97		0.092	0.115	0.23	ppbv
76-14-2	Dichlorotetrafluoroethane	0.092	0.64	U	0.092	0.115	0.23	ppbv
76-13-1	1,1,2-Trichlorotrifluoroethane	0.092	0.71	U	0.092	0.115	0.23	ppbv
593-60-2	Bromoethene	0.069	0.3	U	0.069	0.115	0.23	ppbv
142-82-5	Heptane	2.74	11.2		0.14	0.115	0.23	ppbv
75-35-4	1,1-Dichloroethene	113	448	E	0.12	0.115	0.23	ppbv
67-64-1	Acetone	356	845	E	0.23	0.23	0.23	ppbv
75-15-0	Carbon Disulfide	0.62	1.93		0.12	0.115	0.23	ppbv
1634-04-4	Methyl tert-Butyl Ether	0.12	0.43	U	0.12	0.115	0.23	ppbv
75-09-2	Methylene Chloride	0.12	0.42	U	0.12	0.115	0.23	ppbv
107-05-1	Allyl Chloride	0.12	0.38	U	0.12	0.115	0.23	ppbv
156-60-5	trans-1,2-Dichloroethene	2.05	8.13		0.14	0.115	0.23	ppbv
75-34-3	1,1-Dichloroethane	352	1424	E	0.092	0.115	0.23	ppbv
110-82-7	Cyclohexane	0.18	0.62	U	0.18	0.115	0.23	ppbv
78-93-3	2-Butanone	8.6	25.4		0.23	0.23	0.23	ppbv
56-23-5	Carbon Tetrachloride	0.092	0.58	U	0.092	0.045	0.09	ppbv
156-59-2	cis-1,2-Dichloroethene	2.19	8.68		0.14	0.115	0.23	ppbv
67-66-3	Chloroform	0.48	2.34		0.046	0.115	0.23	ppbv
123-91-1	1,4-Dioxane	0.21	0.76	U	0.21	0.115	0.23	ppbv
71-55-6	1,1,1-Trichloroethane	277	1511	E	0.092	0.045	0.09	ppbv
109-99-9	Tetrahydrofuran	0.18	0.53	U	0.18	0.115	0.23	ppbv
540-84-1	2,2,4-Trimethylpentane	1.93	9.01		0.092	0.115	0.23	ppbv
71-43-2	Benzene	2.37	7.57		0.092	0.115	0.23	ppbv
107-06-2	1,2-Dichloroethane	2.83	11.4		0.16	0.115	0.23	ppbv
79-01-6	Trichloroethene	0.58	3.12		0.092	0.045	0.09	ppbv
78-87-5	1,2-Dichloropropane	0.14	0.65	U	0.14	0.115	0.23	ppbv
75-27-4	Bromodichloromethane	0.12	0.8	U	0.12	0.115	0.23	ppbv
108-10-1	4-Methyl-2-Pentanone	0.58	2.38		0.14	0.115	0.23	ppbv
108-88-3	Toluene	18	67.8		0.12	0.115	0.23	ppbv
10061-02-6	t-1,3-Dichloropropene	0.16	0.73	U	0.16	0.115	0.23	ppbv
10061-01-5	cis-1,3-Dichloropropene	0.14	0.64	U	0.14	0.115	0.23	ppbv

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:	07/27/12
Project:	JSKim 10-01	Date Received:	07/31/12
Client Sample ID:	VP-5	SDG No.:	d3615
Lab Sample ID:	D3615-02	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
VL017633.D	2.3		07/31/12	VL073112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.18	0.98	U	0.18	0.115	0.23	ppbv
124-48-1	Dibromochloromethane	0.12	1.02	U	0.12	0.115	0.23	ppbv
106-93-4	1,2-Dibromoethane	0.16	1.23	U	0.16	0.115	0.23	ppbv
127-18-4	Tetrachloroethene	2.76	18.7		0.069	0.035	0.07	ppbv
108-90-7	Chlorobenzene	0.21	0.97	U	0.21	0.115	0.23	ppbv
100-41-4	Ethyl Benzene	1.38	5.99		0.18	0.115	0.23	ppbv
179601-23-1	m/p-Xylene	3.66	15.9		0.25	0.23	0.46	ppbv
95-47-6	o-Xylene	1.79	7.77		0.16	0.115	0.23	ppbv
100-42-5	Styrene	0.78	3.32		0.16	0.115	0.23	ppbv
75-25-2	Bromoform	0.12	1.24	U	0.12	0.115	0.23	ppbv
79-34-5	1,1,2,2-Tetrachloroethane	0.23	1.58	U	0.23	0.23	0.23	ppbv
95-49-8	2-Chlorotoluene	0.23	1.19	U	0.23	0.23	0.23	ppbv
108-67-8	1,3,5-Trimethylbenzene	1.2	5.9		0.21	0.115	0.23	ppbv
95-63-6	1,2,4-Trimethylbenzene	3.29	16.2		0.23	0.23	0.23	ppbv
622-96-8	4-Ethyltoluene	1.24	6.1		0.18	0.115	0.23	ppbv
541-73-1	1,3-Dichlorobenzene	0.18	1.08	U	0.18	0.115	0.23	ppbv
106-46-7	1,4-Dichlorobenzene	0.14	0.84	U	0.14	0.115	0.23	ppbv
95-50-1	1,2-Dichlorobenzene	0.16	0.96	U	0.16	0.115	0.23	ppbv
120-82-1	1,2,4-Trichlorobenzene	0.092	0.68	U	0.092	0.115	0.23	ppbv
87-68-3	Hexachloro-1,3-Butadiene	0.18	1.92	U	0.18	0.115	0.23	ppbv
106-99-0	1,3-Butadiene	0.21	0.46	U	0.21	0.115	0.23	ppbv
110-54-3	Hexane	15	52.9		0.092	0.115	0.23	ppbv
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	10.7			65 - 135		107%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	807220		6.38				
540-36-3	1,4-Difluorobenzene	2400850		7.94				
3114-55-4	Chlorobenzene-d5	2052190		12.91				

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:	07/27/12
Project:	JSKim 10-01	Date Received:	07/31/12
Client Sample ID:	VP-5DL	SDG No.:	d3615
Lab Sample ID:	D3615-02DL	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
VL017639.D	92		08/01/12	VL073112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	3.7	18.3	U	3.7	4.6	9.2	ppbv
75-65-0	tert-Butyl alcohol	28.5	86.4	D	9.2	9.2	9.2	ppbv
74-87-3	Chloromethane	5.5	11.4	U	5.5	4.6	9.2	ppbv
80-62-6	Methyl Methacrylate	9.2	37.7	U	9.2	9.2	9.2	ppbv
75-01-4	Vinyl Chloride	18.4	47.0	D	6.4	3.22	6.44	ppbv
74-83-9	Bromomethane	2.8	10.9	U	2.8	4.6	9.2	ppbv
75-00-3	Chloroethane	416	1097	D	6.4	4.6	9.2	ppbv
75-69-4	Trichlorofluoromethane	3.7	20.8	U	3.7	4.6	9.2	ppbv
76-14-2	Dichlorotetrafluoroethane	3.7	25.9	U	3.7	4.6	9.2	ppbv
76-13-1	1,1,2-Trichlorotrifluoroethane	3.7	28.4	U	3.7	4.6	9.2	ppbv
593-60-2	Bromoethene	2.8	12.2	U	2.8	4.6	9.2	ppbv
142-82-5	Heptane	5.5	22.5	U	5.5	4.6	9.2	ppbv
75-35-4	1,1-Dichloroethene	123	487	D	4.6	4.6	9.2	ppbv
67-64-1	Acetone	786	1867	D	9.2	9.2	9.2	ppbv
75-15-0	Carbon Disulfide	4.6	14.3	U	4.6	4.6	9.2	ppbv
1634-04-4	Methyl tert-Butyl Ether	4.6	16.6	U	4.6	4.6	9.2	ppbv
75-09-2	Methylene Chloride	4.6	16.0	U	4.6	4.6	9.2	ppbv
107-05-1	Allyl Chloride	4.6	14.4	U	4.6	4.6	9.2	ppbv
156-60-5	trans-1,2-Dichloroethene	5.5	21.8	U	5.5	4.6	9.2	ppbv
75-34-3	1,1-Dichloroethane	862	3488	D	3.7	4.6	9.2	ppbv
110-82-7	Cyclohexane	7.4	25.5	U	7.4	4.6	9.2	ppbv
78-93-3	2-Butanone	9.2	27.1	U	9.2	9.2	9.2	ppbv
56-23-5	Carbon Tetrachloride	3.7	23.3	U	3.7	1.84	3.68	ppbv
156-59-2	cis-1,2-Dichloroethene	5.5	21.8	U	5.5	4.6	9.2	ppbv
67-66-3	Chloroform	1.8	8.79	U	1.8	4.6	9.2	ppbv
123-91-1	1,4-Dioxane	8.3	29.9	U	8.3	4.6	9.2	ppbv
71-55-6	1,1,1-Trichloroethane	694	3786	D	3.7	1.84	3.68	ppbv
109-99-9	Tetrahydrofuran	7.4	21.8	U	7.4	4.6	9.2	ppbv
540-84-1	2,2,4-Trimethylpentane	3.7	17.3	U	3.7	4.6	9.2	ppbv
71-43-2	Benzene	3.7	11.8	U	3.7	4.6	9.2	ppbv
107-06-2	1,2-Dichloroethane	6.4	25.9	U	6.4	4.6	9.2	ppbv
79-01-6	Trichloroethene	3.7	19.9	U	3.7	1.84	3.68	ppbv
78-87-5	1,2-Dichloropropane	5.5	25.4	U	5.5	4.6	9.2	ppbv
75-27-4	Bromodichloromethane	4.6	30.8	U	4.6	4.6	9.2	ppbv
108-10-1	4-Methyl-2-Pentanone	5.5	22.5	U	5.5	4.6	9.2	ppbv
108-88-3	Toluene	12.9	48.6	D	4.6	4.6	9.2	ppbv
10061-02-6	t-1,3-Dichloropropene	6.4	29.1	U	6.4	4.6	9.2	ppbv
10061-01-5	cis-1,3-Dichloropropene	5.5	25.0	U	5.5	4.6	9.2	ppbv

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:	07/27/12
Project:	JSKim 10-01	Date Received:	07/31/12
Client Sample ID:	VP-5DL	SDG No.:	d3615
Lab Sample ID:	D3615-02DL	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
VL017639.D	92		08/01/12	VL073112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	7.4	40.4	U	7.4	4.6	9.2	ppbv
124-48-1	Dibromochloromethane	4.6	39.2	U	4.6	4.6	9.2	ppbv
106-93-4	1,2-Dibromoethane	6.4	49.2	U	6.4	4.6	9.2	ppbv
127-18-4	Tetrachloroethene	2.8	19.0	U	2.8	1.38	2.76	ppbv
108-90-7	Chlorobenzene	8.3	38.2	U	8.3	4.6	9.2	ppbv
100-41-4	Ethyl Benzene	7.4	32.1	U	7.4	4.6	9.2	ppbv
179601-23-1	m/p-Xylene	10	43.4	U	10	9.2	18.4	ppbv
95-47-6	o-Xylene	6.4	27.8	U	6.4	4.6	9.2	ppbv
100-42-5	Styrene	6.4	27.2	U	6.4	4.6	9.2	ppbv
75-25-2	Bromoform	4.6	47.6	U	4.6	4.6	9.2	ppbv
79-34-5	1,1,2,2-Tetrachloroethane	9.2	63.2	U	9.2	9.2	9.2	ppbv
95-49-8	2-Chlorotoluene	9.2	47.6	U	9.2	9.2	9.2	ppbv
108-67-8	1,3,5-Trimethylbenzene	8.3	40.8	U	8.3	4.6	9.2	ppbv
95-63-6	1,2,4-Trimethylbenzene	9.2	45.2	U	9.2	9.2	9.2	ppbv
622-96-8	4-Ethyltoluene	7.4	36.4	U	7.4	4.6	9.2	ppbv
541-73-1	1,3-Dichlorobenzene	7.4	44.5	U	7.4	4.6	9.2	ppbv
106-46-7	1,4-Dichlorobenzene	5.5	33.1	U	5.5	4.6	9.2	ppbv
95-50-1	1,2-Dichlorobenzene	6.4	38.5	U	6.4	4.6	9.2	ppbv
120-82-1	1,2,4-Trichlorobenzene	3.7	27.5	U	3.7	4.6	9.2	ppbv
87-68-3	Hexachloro-1,3-Butadiene	7.4	78.9	U	7.4	4.6	9.2	ppbv
106-99-0	1,3-Butadiene	8.3	18.4	U	8.3	4.6	9.2	ppbv
110-54-3	Hexane	15.6	55.0	D	3.7	4.6	9.2	ppbv
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	10			65 - 135		100%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	1061680		6.36				
540-36-3	1,4-Difluorobenzene	3411450		7.92				
3114-55-4	Chlorobenzene-d5	2832940		12.9				

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:	07/27/12
Project:	JSKim 10-01	Date Received:	07/31/12
Client Sample ID:	VP-6	SDG No.:	d3615
Lab Sample ID:	D3615-03	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
VL017635.D	1		07/31/12	VL073112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	0.32	1.58		0.04	0.05	0.1	ppbv
75-65-0	tert-Butyl alcohol	10.1	30.6		0.1	0.1	0.1	ppbv
74-87-3	Chloromethane	0.24	0.5		0.06	0.05	0.1	ppbv
80-62-6	Methyl Methacrylate	0.1	0.41	U	0.1	0.1	0.1	ppbv
75-01-4	Vinyl Chloride	0.07	0.18	U	0.07	0.07	0.07	ppbv
74-83-9	Bromomethane	0.03	0.12	U	0.03	0.05	0.1	ppbv
75-00-3	Chloroethane	0.07	0.18	U	0.07	0.05	0.1	ppbv
75-69-4	Trichlorofluoromethane	9.89	55.6		0.04	0.05	0.1	ppbv
76-14-2	Dichlorotetrafluoroethane	0.04	0.28	U	0.04	0.05	0.1	ppbv
76-13-1	1,1,2-Trichlorotrifluoroethane	0.04	0.31	U	0.04	0.05	0.1	ppbv
593-60-2	Bromoethene	0.03	0.13	U	0.03	0.05	0.1	ppbv
142-82-5	Heptane	1.66	6.8		0.06	0.05	0.1	ppbv
75-35-4	1,1-Dichloroethene	0.05	0.2	U	0.05	0.05	0.1	ppbv
67-64-1	Acetone	151	358	E	0.1	0.1	0.1	ppbv
75-15-0	Carbon Disulfide	0.05	0.16	U	0.05	0.05	0.1	ppbv
1634-04-4	Methyl tert-Butyl Ether	0.05	0.18	U	0.05	0.05	0.1	ppbv
75-09-2	Methylene Chloride	0.34	1.18		0.05	0.05	0.1	ppbv
107-05-1	Allyl Chloride	0.05	0.16	U	0.05	0.05	0.1	ppbv
156-60-5	trans-1,2-Dichloroethene	0.06	0.24	U	0.06	0.05	0.1	ppbv
75-34-3	1,1-Dichloroethane	0.04	0.16	U	0.04	0.05	0.1	ppbv
110-82-7	Cyclohexane	1.03	3.55		0.08	0.05	0.1	ppbv
78-93-3	2-Butanone	3.21	9.47		0.1	0.1	0.1	ppbv
56-23-5	Carbon Tetrachloride	0.04	0.25	U	0.04	0.04	0.04	ppbv
156-59-2	cis-1,2-Dichloroethene	0.06	0.24	U	0.06	0.05	0.1	ppbv
67-66-3	Chloroform	0.19	0.93		0.02	0.05	0.1	ppbv
123-91-1	1,4-Dioxane	0.09	0.32	U	0.09	0.05	0.1	ppbv
71-55-6	1,1,1-Trichloroethane	0.13	0.71		0.04	0.04	0.04	ppbv
109-99-9	Tetrahydrofuran	0.08	0.24	U	0.08	0.05	0.1	ppbv
540-84-1	2,2,4-Trimethylpentane	1.7	7.94		0.04	0.05	0.1	ppbv
71-43-2	Benzene	0.97	3.1		0.04	0.05	0.1	ppbv
107-06-2	1,2-Dichloroethane	0.07	0.28	U	0.07	0.05	0.1	ppbv
79-01-6	Trichloroethene	0.1	0.54		0.04	0.04	0.04	ppbv
78-87-5	1,2-Dichloropropane	0.06	0.28	U	0.06	0.05	0.1	ppbv
75-27-4	Bromodichloromethane	0.05	0.33	U	0.05	0.05	0.1	ppbv
108-10-1	4-Methyl-2-Pentanone	0.29	1.19		0.06	0.05	0.1	ppbv
108-88-3	Toluene	8.21	30.9		0.05	0.05	0.1	ppbv
10061-02-6	t-1,3-Dichloropropene	0.07	0.32	U	0.07	0.05	0.1	ppbv
10061-01-5	cis-1,3-Dichloropropene	0.06	0.27	U	0.06	0.05	0.1	ppbv

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:	07/27/12
Project:	JSKim 10-01	Date Received:	07/31/12
Client Sample ID:	VP-6	SDG No.:	d3615
Lab Sample ID:	D3615-03	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
VL017635.D	1		07/31/12	VL073112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.08	0.44	U	0.08	0.05	0.1	ppbv
124-48-1	Dibromochloromethane	0.05	0.43	U	0.05	0.05	0.1	ppbv
106-93-4	1,2-Dibromoethane	0.07	0.54	U	0.07	0.05	0.1	ppbv
127-18-4	Tetrachloroethene	4.88	33.1		0.03	0.03	0.03	ppbv
108-90-7	Chlorobenzene	0.09	0.41	U	0.09	0.05	0.1	ppbv
100-41-4	Ethyl Benzene	1.82	7.91		0.08	0.05	0.1	ppbv
179601-23-1	m/p-Xylene	5.65	24.5		0.11	0.1	0.2	ppbv
95-47-6	o-Xylene	2.79	12.1		0.07	0.05	0.1	ppbv
100-42-5	Styrene	0.18	0.77		0.07	0.05	0.1	ppbv
75-25-2	Bromoform	0.05	0.52	U	0.05	0.05	0.1	ppbv
79-34-5	1,1,2,2-Tetrachloroethane	0.1	0.69	U	0.1	0.1	0.1	ppbv
95-49-8	2-Chlorotoluene	0.1	0.52	U	0.1	0.1	0.1	ppbv
108-67-8	1,3,5-Trimethylbenzene	1.74	8.55		0.09	0.05	0.1	ppbv
95-63-6	1,2,4-Trimethylbenzene	4.73	23.2		0.1	0.1	0.1	ppbv
622-96-8	4-Ethyltoluene	2.08	10.2		0.08	0.05	0.1	ppbv
541-73-1	1,3-Dichlorobenzene	0.08	0.48	U	0.08	0.05	0.1	ppbv
106-46-7	1,4-Dichlorobenzene	0.06	0.36	U	0.06	0.05	0.1	ppbv
95-50-1	1,2-Dichlorobenzene	0.07	0.42	U	0.07	0.05	0.1	ppbv
120-82-1	1,2,4-Trichlorobenzene	0.04	0.3	U	0.04	0.05	0.1	ppbv
87-68-3	Hexachloro-1,3-Butadiene	0.08	0.85	U	0.08	0.05	0.1	ppbv
106-99-0	1,3-Butadiene	0.09	0.2	U	0.09	0.05	0.1	ppbv
110-54-3	Hexane	1.85	6.52		0.04	0.05	0.1	ppbv
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	10.8			65 - 135		108%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	873829		6.39				
540-36-3	1,4-Difluorobenzene	2696140		7.93				
3114-55-4	Chlorobenzene-d5	2420280		12.91				

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:	07/27/12
Project:	JSKim 10-01	Date Received:	07/31/12
Client Sample ID:	VP-6DL	SDG No.:	d3615
Lab Sample ID:	D3615-03DL	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
VL017640.D	40		08/01/12	VL073112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	1.6	7.91	U	1.6	2	4	ppbv
75-65-0	tert-Butyl alcohol	14.4	43.6	D	4	4	4	ppbv
74-87-3	Chloromethane	2.4	4.96	U	2.4	2	4	ppbv
80-62-6	Methyl Methacrylate	4	16.4	U	4	4	4	ppbv
75-01-4	Vinyl Chloride	2.8	7.16	U	2.8	2.8	2.8	ppbv
74-83-9	Bromomethane	1.2	4.66	U	1.2	2	4	ppbv
75-00-3	Chloroethane	2.8	7.39	U	2.8	2	4	ppbv
75-69-4	Trichlorofluoromethane	11.6	65.2	D	1.6	2	4	ppbv
76-14-2	Dichlorotetrafluoroethane	1.6	11.2	U	1.6	2	4	ppbv
76-13-1	1,1,2-Trichlorotrifluoroethane	1.6	12.3	U	1.6	2	4	ppbv
593-60-2	Bromoethene	1.2	5.25	U	1.2	2	4	ppbv
142-82-5	Heptane	2.4	9.84	U	2.4	2	4	ppbv
75-35-4	1,1-Dichloroethene	2	7.93	U	2	2	4	ppbv
67-64-1	Acetone	603	1432	D	4	4	4	ppbv
75-15-0	Carbon Disulfide	2	6.23	U	2	2	4	ppbv
1634-04-4	Methyl tert-Butyl Ether	2	7.21	U	2	2	4	ppbv
75-09-2	Methylene Chloride	2	6.95	U	2	2	4	ppbv
107-05-1	Allyl Chloride	2	6.26	U	2	2	4	ppbv
156-60-5	trans-1,2-Dichloroethene	2.4	9.52	U	2.4	2	4	ppbv
75-34-3	1,1-Dichloroethane	1.6	6.48	U	1.6	2	4	ppbv
110-82-7	Cyclohexane	3.2	11.0	U	3.2	2	4	ppbv
78-93-3	2-Butanone	4.8	14.2	D	4	4	4	ppbv
56-23-5	Carbon Tetrachloride	1.6	10.1	U	1.6	1.6	1.6	ppbv
156-59-2	cis-1,2-Dichloroethene	2.4	9.52	U	2.4	2	4	ppbv
67-66-3	Chloroform	0.8	3.91	U	0.8	2	4	ppbv
123-91-1	1,4-Dioxane	3.6	13.0	U	3.6	2	4	ppbv
71-55-6	1,1,1-Trichloroethane	1.6	8.73	U	1.6	1.6	1.6	ppbv
109-99-9	Tetrahydrofuran	3.2	9.44	U	3.2	2	4	ppbv
540-84-1	2,2,4-Trimethylpentane	1.6	7.47	U	1.6	2	4	ppbv
71-43-2	Benzene	1.6	5.11	U	1.6	2	4	ppbv
107-06-2	1,2-Dichloroethane	2.8	11.3	U	2.8	2	4	ppbv
79-01-6	Trichloroethene	1.6	8.6	U	1.6	1.6	1.6	ppbv
78-87-5	1,2-Dichloropropane	2.4	11.1	U	2.4	2	4	ppbv
75-27-4	Bromodichloromethane	2	13.4	U	2	2	4	ppbv
108-10-1	4-Methyl-2-Pentanone	2.4	9.84	U	2.4	2	4	ppbv
108-88-3	Toluene	6.4	24.1	D	2	2	4	ppbv
10061-02-6	t-1,3-Dichloropropene	2.8	12.7	U	2.8	2	4	ppbv
10061-01-5	cis-1,3-Dichloropropene	2.4	10.9	U	2.4	2	4	ppbv

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:	07/27/12
Project:	JSKim 10-01	Date Received:	07/31/12
Client Sample ID:	VP-6DL	SDG No.:	d3615
Lab Sample ID:	D3615-03DL	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
VL017640.D	40		08/01/12	VL073112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	3.2	17.5	U	3.2	2	4	ppbv
124-48-1	Dibromochloromethane	2	17.0	U	2	2	4	ppbv
106-93-4	1,2-Dibromoethane	2.8	21.5	U	2.8	2	4	ppbv
127-18-4	Tetrachloroethene	4.8	32.6	D	1.2	1.2	1.2	ppbv
108-90-7	Chlorobenzene	3.6	16.6	U	3.6	2	4	ppbv
100-41-4	Ethyl Benzene	3.2	13.9	U	3.2	2	4	ppbv
179601-23-1	m/p-Xylene	4.4	19.1	JD	4.4	4	8	ppbv
95-47-6	o-Xylene	2.8	12.2	U	2.8	2	4	ppbv
100-42-5	Styrene	2.8	11.9	U	2.8	2	4	ppbv
75-25-2	Bromoform	2	20.7	U	2	2	4	ppbv
79-34-5	1,1,2,2-Tetrachloroethane	4	27.5	U	4	4	4	ppbv
95-49-8	2-Chlorotoluene	4	20.7	U	4	4	4	ppbv
108-67-8	1,3,5-Trimethylbenzene	3.6	17.7	U	3.6	2	4	ppbv
95-63-6	1,2,4-Trimethylbenzene	5.6	27.5	D	4	4	4	ppbv
622-96-8	4-Ethyltoluene	3.2	15.7	U	3.2	2	4	ppbv
541-73-1	1,3-Dichlorobenzene	3.2	19.2	U	3.2	2	4	ppbv
106-46-7	1,4-Dichlorobenzene	2.4	14.4	U	2.4	2	4	ppbv
95-50-1	1,2-Dichlorobenzene	2.8	16.8	U	2.8	2	4	ppbv
120-82-1	1,2,4-Trichlorobenzene	1.6	11.9	U	1.6	2	4	ppbv
87-68-3	Hexachloro-1,3-Butadiene	3.2	34.1	U	3.2	2	4	ppbv
106-99-0	1,3-Butadiene	3.6	7.96	U	3.6	2	4	ppbv
110-54-3	Hexane	1.6	5.64	U	1.6	2	4	ppbv
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	10.3			65 - 135		103%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	869736		6.36				
540-36-3	1,4-Difluorobenzene	2735440		7.92				
3114-55-4	Chlorobenzene-d5	2361130		12.9				

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:	07/27/12
Project:	JSKim 10-01	Date Received:	07/31/12
Client Sample ID:	VP-7	SDG No.:	d3615
Lab Sample ID:	D3615-04	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
VL017637.D	1		07/31/12	VL073112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	0.42	2.08		0.04	0.05	0.1	ppbv
75-65-0	tert-Butyl alcohol	17.4	52.8	E	0.1	0.1	0.1	ppbv
74-87-3	Chloromethane	0.39	0.81		0.06	0.05	0.1	ppbv
80-62-6	Methyl Methacrylate	0.1	0.41	U	0.1	0.1	0.1	ppbv
75-01-4	Vinyl Chloride	0.07	0.18	U	0.07	0.07	0.07	ppbv
74-83-9	Bromomethane	0.03	0.12	U	0.03	0.05	0.1	ppbv
75-00-3	Chloroethane	0.07	0.18	U	0.07	0.05	0.1	ppbv
75-69-4	Trichlorofluoromethane	51.3	288	E	0.04	0.05	0.1	ppbv
76-14-2	Dichlorotetrafluoroethane	0.04	0.28	U	0.04	0.05	0.1	ppbv
76-13-1	1,1,2-Trichlorotrifluoroethane	0.04	0.31	U	0.04	0.05	0.1	ppbv
593-60-2	Bromoethene	0.03	0.13	U	0.03	0.05	0.1	ppbv
142-82-5	Heptane	3.75	15.4		0.06	0.05	0.1	ppbv
75-35-4	1,1-Dichloroethene	0.05	0.2	U	0.05	0.05	0.1	ppbv
67-64-1	Acetone	134	318	E	0.1	0.1	0.1	ppbv
75-15-0	Carbon Disulfide	0.34	1.06		0.05	0.05	0.1	ppbv
1634-04-4	Methyl tert-Butyl Ether	0.05	0.18	U	0.05	0.05	0.1	ppbv
75-09-2	Methylene Chloride	0.49	1.7		0.05	0.05	0.1	ppbv
107-05-1	Allyl Chloride	0.05	0.16	U	0.05	0.05	0.1	ppbv
156-60-5	trans-1,2-Dichloroethene	0.06	0.24	U	0.06	0.05	0.1	ppbv
75-34-3	1,1-Dichloroethane	0.04	0.16	U	0.04	0.05	0.1	ppbv
110-82-7	Cyclohexane	1.05	3.61		0.08	0.05	0.1	ppbv
78-93-3	2-Butanone	8.93	26.3		0.1	0.1	0.1	ppbv
56-23-5	Carbon Tetrachloride	0.04	0.25	J	0.04	0.04	0.04	ppbv
156-59-2	cis-1,2-Dichloroethene	0.06	0.24	U	0.06	0.05	0.1	ppbv
67-66-3	Chloroform	0.18	0.88		0.02	0.05	0.1	ppbv
123-91-1	1,4-Dioxane	0.09	0.32	U	0.09	0.05	0.1	ppbv
71-55-6	1,1,1-Trichloroethane	0.38	2.07		0.04	0.04	0.04	ppbv
109-99-9	Tetrahydrofuran	1.32	3.89		0.08	0.05	0.1	ppbv
540-84-1	2,2,4-Trimethylpentane	3.81	17.8		0.04	0.05	0.1	ppbv
71-43-2	Benzene	2.07	6.61		0.04	0.05	0.1	ppbv
107-06-2	1,2-Dichloroethane	0.07	0.28	U	0.07	0.05	0.1	ppbv
79-01-6	Trichloroethene	0.09	0.48		0.04	0.04	0.04	ppbv
78-87-5	1,2-Dichloropropane	0.06	0.28	U	0.06	0.05	0.1	ppbv
75-27-4	Bromodichloromethane	0.05	0.33	U	0.05	0.05	0.1	ppbv
108-10-1	4-Methyl-2-Pentanone	2.57	10.5		0.06	0.05	0.1	ppbv
108-88-3	Toluene	13.2	49.7		0.05	0.05	0.1	ppbv
10061-02-6	t-1,3-Dichloropropene	0.07	0.32	U	0.07	0.05	0.1	ppbv
10061-01-5	cis-1,3-Dichloropropene	0.06	0.27	U	0.06	0.05	0.1	ppbv

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:	07/27/12
Project:	JSKim 10-01	Date Received:	07/31/12
Client Sample ID:	VP-7	SDG No.:	d3615
Lab Sample ID:	D3615-04	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
VL017637.D	1		07/31/12	VL073112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.08	0.44	U	0.08	0.05	0.1	ppbv
124-48-1	Dibromochloromethane	0.05	0.43	U	0.05	0.05	0.1	ppbv
106-93-4	1,2-Dibromoethane	0.07	0.54	U	0.07	0.05	0.1	ppbv
127-18-4	Tetrachloroethene	5.24	35.5		0.03	0.03	0.03	ppbv
108-90-7	Chlorobenzene	0.09	0.41	U	0.09	0.05	0.1	ppbv
100-41-4	Ethyl Benzene	2.67	11.6		0.08	0.05	0.1	ppbv
179601-23-1	m/p-Xylene	6.89	29.9		0.11	0.1	0.2	ppbv
95-47-6	o-Xylene	3.64	15.8		0.07	0.05	0.1	ppbv
100-42-5	Styrene	0.21	0.89		0.07	0.05	0.1	ppbv
75-25-2	Bromoform	0.05	0.52	U	0.05	0.05	0.1	ppbv
79-34-5	1,1,2,2-Tetrachloroethane	0.1	0.69	U	0.1	0.1	0.1	ppbv
95-49-8	2-Chlorotoluene	0.1	0.52	U	0.1	0.1	0.1	ppbv
108-67-8	1,3,5-Trimethylbenzene	2.16	10.6		0.09	0.05	0.1	ppbv
95-63-6	1,2,4-Trimethylbenzene	5.79	28.5		0.1	0.1	0.1	ppbv
622-96-8	4-Ethyltoluene	2.38	11.7		0.08	0.05	0.1	ppbv
541-73-1	1,3-Dichlorobenzene	0.08	0.48	U	0.08	0.05	0.1	ppbv
106-46-7	1,4-Dichlorobenzene	0.06	0.36	U	0.06	0.05	0.1	ppbv
95-50-1	1,2-Dichlorobenzene	0.07	0.42	U	0.07	0.05	0.1	ppbv
120-82-1	1,2,4-Trichlorobenzene	0.04	0.3	U	0.04	0.05	0.1	ppbv
87-68-3	Hexachloro-1,3-Butadiene	0.08	0.85	U	0.08	0.05	0.1	ppbv
106-99-0	1,3-Butadiene	0.09	0.2	U	0.09	0.05	0.1	ppbv
110-54-3	Hexane	4.13	14.6		0.04	0.05	0.1	ppbv
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	10.3			65 - 135		103%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	954011		6.38				
540-36-3	1,4-Difluorobenzene	3069970		7.94				
3114-55-4	Chlorobenzene-d5	2694660		12.91				

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:	07/27/12
Project:	JSKim 10-01	Date Received:	07/31/12
Client Sample ID:	VP-7DL	SDG No.:	d3615
Lab Sample ID:	D3615-04DL	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
VL017641.D	40		08/01/12	VL073112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	1.6	7.91	U	1.6	2	4	ppbv
75-65-0	tert-Butyl alcohol	23.6	71.5	D	4	4	4	ppbv
74-87-3	Chloromethane	2.4	4.96	U	2.4	2	4	ppbv
80-62-6	Methyl Methacrylate	4	16.4	U	4	4	4	ppbv
75-01-4	Vinyl Chloride	2.8	7.16	U	2.8	2.8	2.8	ppbv
74-83-9	Bromomethane	1.2	4.66	U	1.2	2	4	ppbv
75-00-3	Chloroethane	2.8	7.39	U	2.8	2	4	ppbv
75-69-4	Trichlorofluoromethane	128	719	D	1.6	2	4	ppbv
76-14-2	Dichlorotetrafluoroethane	1.6	11.2	U	1.6	2	4	ppbv
76-13-1	1,1,2-Trichlorotrifluoroethane	1.6	12.3	U	1.6	2	4	ppbv
593-60-2	Bromoethene	1.2	5.25	U	1.2	2	4	ppbv
142-82-5	Heptane	2.4	9.84	U	2.4	2	4	ppbv
75-35-4	1,1-Dichloroethene	2	7.93	U	2	2	4	ppbv
67-64-1	Acetone	558	1325	D	4	4	4	ppbv
75-15-0	Carbon Disulfide	2	6.23	U	2	2	4	ppbv
1634-04-4	Methyl tert-Butyl Ether	2	7.21	U	2	2	4	ppbv
75-09-2	Methylene Chloride	2	6.95	U	2	2	4	ppbv
107-05-1	Allyl Chloride	2	6.26	U	2	2	4	ppbv
156-60-5	trans-1,2-Dichloroethene	2.4	9.52	U	2.4	2	4	ppbv
75-34-3	1,1-Dichloroethane	1.6	6.48	U	1.6	2	4	ppbv
110-82-7	Cyclohexane	3.2	11.0	U	3.2	2	4	ppbv
78-93-3	2-Butanone	11.6	34.2	D	4	4	4	ppbv
56-23-5	Carbon Tetrachloride	1.6	10.1	U	1.6	1.6	1.6	ppbv
156-59-2	cis-1,2-Dichloroethene	2.4	9.52	U	2.4	2	4	ppbv
67-66-3	Chloroform	0.8	3.91	U	0.8	2	4	ppbv
123-91-1	1,4-Dioxane	3.6	13.0	U	3.6	2	4	ppbv
71-55-6	1,1,1-Trichloroethane	1.6	8.73	U	1.6	1.6	1.6	ppbv
109-99-9	Tetrahydrofuran	3.2	9.44	U	3.2	2	4	ppbv
540-84-1	2,2,4-Trimethylpentane	1.6	7.47	U	1.6	2	4	ppbv
71-43-2	Benzene	1.6	5.11	U	1.6	2	4	ppbv
107-06-2	1,2-Dichloroethane	2.8	11.3	U	2.8	2	4	ppbv
79-01-6	Trichloroethene	1.6	8.6	U	1.6	1.6	1.6	ppbv
78-87-5	1,2-Dichloropropane	2.4	11.1	U	2.4	2	4	ppbv
75-27-4	Bromodichloromethane	2	13.4	U	2	2	4	ppbv
108-10-1	4-Methyl-2-Pentanone	2.4	9.84	U	2.4	2	4	ppbv
108-88-3	Toluene	12.8	48.2	D	2	2	4	ppbv
10061-02-6	t-1,3-Dichloropropene	2.8	12.7	U	2.8	2	4	ppbv
10061-01-5	cis-1,3-Dichloropropene	2.4	10.9	U	2.4	2	4	ppbv

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:	07/27/12
Project:	JSKim 10-01	Date Received:	07/31/12
Client Sample ID:	VP-7DL	SDG No.:	d3615
Lab Sample ID:	D3615-04DL	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
VL017641.D	40		08/01/12	VL073112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	3.2	17.5	U	3.2	2	4	ppbv
124-48-1	Dibromochloromethane	2	17.0	U	2	2	4	ppbv
106-93-4	1,2-Dibromoethane	2.8	21.5	U	2.8	2	4	ppbv
127-18-4	Tetrachloroethene	5.2	35.3	D	1.2	1.2	1.2	ppbv
108-90-7	Chlorobenzene	3.6	16.6	U	3.6	2	4	ppbv
100-41-4	Ethyl Benzene	3.2	13.9	U	3.2	2	4	ppbv
179601-23-1	m/p-Xylene	6	26.1	JD	4.4	4	8	ppbv
95-47-6	o-Xylene	2.8	12.2	U	2.8	2	4	ppbv
100-42-5	Styrene	2.8	11.9	U	2.8	2	4	ppbv
75-25-2	Bromoform	2	20.7	U	2	2	4	ppbv
79-34-5	1,1,2,2-Tetrachloroethane	4	27.5	U	4	4	4	ppbv
95-49-8	2-Chlorotoluene	4	20.7	U	4	4	4	ppbv
108-67-8	1,3,5-Trimethylbenzene	3.6	17.7	U	3.6	2	4	ppbv
95-63-6	1,2,4-Trimethylbenzene	6.4	31.5	D	4	4	4	ppbv
622-96-8	4-Ethyltoluene	3.2	15.7	U	3.2	2	4	ppbv
541-73-1	1,3-Dichlorobenzene	3.2	19.2	U	3.2	2	4	ppbv
106-46-7	1,4-Dichlorobenzene	2.4	14.4	U	2.4	2	4	ppbv
95-50-1	1,2-Dichlorobenzene	2.8	16.8	U	2.8	2	4	ppbv
120-82-1	1,2,4-Trichlorobenzene	1.6	11.9	U	1.6	2	4	ppbv
87-68-3	Hexachloro-1,3-Butadiene	3.2	34.1	U	3.2	2	4	ppbv
106-99-0	1,3-Butadiene	3.6	7.96	U	3.6	2	4	ppbv
110-54-3	Hexane	4.4	15.5	D	1.6	2	4	ppbv
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	10.5			65 - 135		105%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	822107		6.36				
540-36-3	1,4-Difluorobenzene	2552140		7.92				
3114-55-4	Chlorobenzene-d5	2221330		12.9				

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

Surrogate Summary

SDG No.: D3615

Client: J.R.Holzmacher P.E., LLC

Analytical Method: EPA SW846 TO-15

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery	Qual	Limits Low	Limits High
D3615-01	VP-4	1-Bromo-4-Fluorobenzene	10	10.98	110		65	135
D3615-02	VP-5	1-Bromo-4-Fluorobenzene	10	10.68	107		65	135
D3615-02DL	VP-5DL	1-Bromo-4-Fluorobenzene	10	10.01	100		65	135
D3615-03	VP-6	1-Bromo-4-Fluorobenzene	10	10.76	108		65	135
D3615-03DL	VP-6DL	1-Bromo-4-Fluorobenzene	10	10.29	103		65	135
D3615-04	VP-7	1-Bromo-4-Fluorobenzene	10	10.34	103		65	135
D3615-04DL	VP-7DL	1-Bromo-4-Fluorobenzene	10	10.52	105		65	135
VL0731ABL	VL0731ABL	1-Bromo-4-Fluorobenzene	10	10.48	105		65	135
VL0731ABS	VL0731ABS	1-Bromo-4-Fluorobenzene	10	10.05	101		65	135

CHEMTECH

AIR VOLATILE LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: CHEMTECH Client: J.R.Holzmacher P.E., LLC

Lab Code: CHEM Cas No: D3615 SAS No : D3615 SDG No: D3615

Matrix Spike - EPA Sample No : VL0731ABS Analytical Method: EPA SW846 TO-15 Datafile : VL017630.D

COMPOUND	SPIKE ADDED (ppbv)	CONCENTRATION (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC#	QC LIMITS REC
Dichlorodifluoromethane	10.0		8.60	86	(70-130)
tert-Butyl alcohol	10.0		10.4	104	(70-130)
Chloromethane	10.0		8.95	90	(70-130)
Methyl Methacrylate	10.0		11.4	114	(70-130)
Vinyl Chloride	10.0		9.14	91	(70-130)
Bromomethane	10.0		9.12	91	(70-130)
Chloroethane	10.0		8.70	87	(70-130)
Trichlorofluoromethane	10.0		9.54	95	(70-130)
Dichlorotetrafluoroethane	10.0		9.19	92	(70-130)
1,1,2-Trichlorotrifluoroethane	10.0		9.32	93	(70-130)
Bromoethene	10.0		9.28	93	(70-130)
Heptane	10.0		9.58	96	(70-130)
1,1-Dichloroethene	10.0		9.24	92	(70-130)
Acetone	10.0		8.27	83	(70-130)
Carbon Disulfide	10.0		9.16	92	(70-130)
Methyl tert-Butyl Ether	10.0		10.1	101	(70-130)
Methylene Chloride	10.0		8.30	83	(70-130)
Allyl Chloride	10.0		9.14	91	(70-130)
trans-1,2-Dichloroethene	10.0		9.26	93	(70-130)
1,1-Dichloroethane	10.0		9.27	93	(70-130)
Cyclohexane	10.0		9.62	96	(70-130)
2-Butanone	10.0		9.66	97	(70-130)
Carbon Tetrachloride	10.0		9.71	97	(70-130)
cis-1,2-Dichloroethene	10.0		9.92	99	(70-130)
Chloroform	10.0		9.34	93	(70-130)
1,4-Dioxane	10.0		10.5	105	(70-130)
1,1,1-Trichloroethane	10.0		9.67	97	(70-130)
Tetrahydrofuran	10.0		10.3	103	(70-130)
2,2,4-Trimethylpentane	10.0		9.97	100	(70-130)
Benzene	10.0		9.83	98	(70-130)
1,2-Dichloroethane	10.0		9.83	98	(70-130)
Trichloroethene	10.0		10.3	103	(70-130)
1,2-Dichloropropane	10.0		9.71	97	(70-130)
Bromodichloromethane	10.0		9.91	99	(70-130)

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

Comments:

CHEMTECH

AIR VOLATILE LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: CHEMTECH **Client:** J.R.Holzmacher P.E., LLC

Lab Code: CHEM **Cas No:** D3615 **SAS No :** D3615 **SDG No:** D3615

Matrix Spike - EPA Sample No : VL0731ABS **Analytical Method:** EPA SW846 TO-15 **Datafile :** VL017630.D

COMPOUND	SPIKE ADDED (ppbv)	CONCENTRATION (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC#	QC LIMITS REC
4-Methyl-2-Pentanone	10.0		10.4	104	(70-130)
Toluene	10.0		10.5	105	(70-130)
t-1,3-Dichloropropene	10.0		11.3	113	(70-130)
cis-1,3-Dichloropropene	10.0		10.9	109	(70-130)
1,1,2-Trichloroethane	10.0		9.72	97	(70-130)
Dibromochloromethane	10.0		10.4	104	(70-130)
1,2-Dibromoethane	10.0		10.2	102	(70-130)
Tetrachloroethene	10.0		10.5	105	(70-130)
Chlorobenzene	10.0		9.54	95	(70-130)
Ethyl Benzene	10.0		10.4	104	(70-130)
m/p-Xylene	20.0		18.9	95	(70-130)
o-Xylene	10.0		10.2	102	(70-130)
Styrene	10.0		11.0	110	(70-130)
Bromoform	10.0		10.5	105	(70-130)
1,1,2,2-Tetrachloroethane	10.0		9.37	94	(70-130)
2-Chlorotoluene	10.0		11.5	115	(70-130)
1,3,5-Trimethylbenzene	10.0		10.1	101	(70-130)
1,2,4-Trimethylbenzene	10.0		9.88	99	(70-130)
4-Ethyltoluene	10.0		10.6	106	(70-130)
1,3-Dichlorobenzene	10.0		9.58	96	(70-130)
1,4-Dichlorobenzene	10.0		9.83	98	(70-130)
1,2-Dichlorobenzene	10.0		9.75	98	(70-130)
1,2,4-Trichlorobenzene	10.0		9.19	92	(70-130)
Hexachloro-1,3-Butadiene	10.0		9.09	91	(70-130)
1,3-Butadiene	10.0		9.11	91	(70-130)
Hexane	10.0		9.61	96	(70-130)

RPD : 0 **Out of** 60 **outside limits**

Spike Recovery : 0 **Out of** 60 **outside limits**

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

Comments:

CHEMTECH

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VL0731ABL

Lab Name: CHEMTECH Contract: JRH001

Lab Code: CHEM Case No.: D3615 SAS No.: D3615 SDG NO.: D3615

Lab File ID: VL017629.D Lab Sample ID: VL0731ABL

Date Analyzed: 07/31/2012 Time Analyzed: 17:14

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
VL0731ABS	VL0731ABS	VL017630.D	07/31/2012
VP-4	D3615-01	VL017631.D	07/31/2012
VP-5	D3615-02	VL017633.D	07/31/2012
VP-6	D3615-03	VL017635.D	07/31/2012
VP-7	D3615-04	VL017637.D	07/31/2012
VP-5DL	D3615-02DL	VL017639.D	08/01/2012
VP-6DL	D3615-03DL	VL017640.D	08/01/2012
VP-7DL	D3615-04DL	VL017641.D	08/01/2012

COMMENTS:

CHEMTECH

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: JRHO01

Lab Code: CHEM Case No.: D3615 SAS No.: D3615 SDG NO.: D3615

Lab File ID: VL017596.D BFB Injection Date: 07/27/2012

Instrument ID: MSVOA_L BFB Injection Time: 11:05

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	21.2
75	30.0 - 66.0% of mass 95	57.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.6 (0.8) 1
174	50.0 - 120.0% of mass 95	78.2
175	4.0 - 9.0% of mass 174	5.9 (7.6) 1
176	93.0 - 101.0% of mass 174	75.8 (96.9) 1
177	5.0 - 9.0% of mass 176	5.1 (6.7) 2

1-Value is % mass 69 2-Value is % mass 442

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
VSTDICC010	VSTDICC010	VL017597.D	07/27/2012	11:44
VSTDICC002	VSTDICC002	VL017598.D	07/27/2012	12:26
VSTDICC001	VSTDICC001	VL017599.D	07/27/2012	13:05
VSTDICC0.5	VSTDICC0.5	VL017600.D	07/27/2012	13:45
VSTDICC015	VSTDICC015	VL017601.D	07/27/2012	14:26
0.1 PPBV RPT	0.1 PPBV RPT	VL017605.D	07/27/2012	17:46
0.03 PPBV RPT	0.03 PPBV RPT	VL017606.D	07/27/2012	18:26

CHEMTECH

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: JRHO01

Lab Code: CHEM Case No.: D3615 SAS No.: D3615 SDG NO.: D3615

Lab File ID: VL017627.D BFB Injection Date: 07/31/2012

Instrument ID: MSVOA_L BFB Injection Time: 15:38

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	21.8
75	30.0 - 66.0% of mass 95	60.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.8 (1.1) 1
174	50.0 - 120.0% of mass 95	77.7
175	4.0 - 9.0% of mass 174	5.9 (7.6) 1
176	93.0 - 101.0% of mass 174	75.6 (97.3) 1
177	5.0 - 9.0% of mass 176	4.8 (6.3) 2

1-Value is % mass 69 2-Value is % mass 442

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	VL017628.D	07/31/2012	16:18
VL0731ABL	VL0731ABL	VL017629.D	07/31/2012	17:14
VL0731ABS	VL0731ABS	VL017630.D	07/31/2012	17:53
VP-4	D3615-01	VL017631.D	07/31/2012	18:35
VP-5	D3615-02	VL017633.D	07/31/2012	19:57
VP-6	D3615-03	VL017635.D	07/31/2012	21:20
VP-7	D3615-04	VL017637.D	07/31/2012	22:42
VP-5DL	D3615-02DL	VL017639.D	08/01/2012	05:10
VP-6DL	D3615-03DL	VL017640.D	08/01/2012	05:52
VP-7DL	D3615-04DL	VL017641.D	08/01/2012	06:34

CHEMTECH

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: JRHO01

Lab Code: CHEM Case No.: D3615 SAS No.: D3615 SDG NO.: D3615

Lab File ID: VL017628.D Date Analyzed: 07/31/2012

Instrument ID: MSVOA_L Time Analyzed: 16:18

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	778385	6.37	2229663	7.93	2375510	12.91
UPPER LIMIT	1089739	6.70	3121528	8.26	3325714	13.24
LOWER LIMIT	467031	6.04	1337798	7.60	1425306	12.58
EPA SAMPLE NO.						
VP-4	738135	6.36	2096076	7.92	1801887	12.90
VP-5	807220	6.38	2400850	7.94	2052186	12.91
VP-5DL	1061681	6.36	3411452 *	7.92	2832935	12.90
VP-6	873829	6.39	2696139	7.93	2420279	12.91
VP-6DL	869736	6.36	2735444	7.92	2361133	12.90
VP-7	954011	6.38	3069971	7.94	2694659	12.91
VP-7DL	822107	6.36	2552144	7.92	2221331	12.90
VL0731ABL	806945	6.36	2306081	7.92	1944856	12.90
VL0731ABS	778975	6.37	2240278	7.93	2178720	12.91

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 UPPER LIMIT = -0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

CHEMTECH

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: JRH001

Lab Code: CHEM Case No.: D3615 SAS No.: D3615 SDG NO.: D3615

Lab File ID: VL017628.D Date Analyzed: 07/31/2012

Instrument ID: MSVOA_L Time Analyzed: 16:18

GC Column: RTX-1 ID: 0.32 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	0	0				
UPPER LIMIT	0	0				
LOWER LIMIT	0	0				
EPA SAMPLE NO.						
VP-4	0	0.00				
VP-5	0	0.00				
VP-5DL	0	0.00				
VP-6	0	0.00				
VP-6DL	0	0.00				
VP-7	0	0.00				
VP-7DL	0	0.00				
VL0731ABL	0	0.00				
VL0731ABS	0	0.00				

IS4 =

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

CHEMTECH

QC 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:	
Project:	JSKim 10-01	Date Received:	
Client Sample ID:	VL0731ABL	SDG No.:	d3615
Lab Sample ID:	VL0731ABL	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
VL017629.D	1		07/31/12	VL073112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	0.04	0.2	U	0.04	0.05	0.1	ppbv
75-65-0	tert-Butyl alcohol	0.1	0.3	U	0.1	0.1	0.1	ppbv
74-87-3	Chloromethane	0.06	0.12	U	0.06	0.05	0.1	ppbv
80-62-6	Methyl Methacrylate	0.1	0.41	U	0.1	0.1	0.1	ppbv
75-01-4	Vinyl Chloride	0.07	0.18	U	0.07	0.07	0.07	ppbv
74-83-9	Bromomethane	0.03	0.12	U	0.03	0.05	0.1	ppbv
75-00-3	Chloroethane	0.07	0.18	U	0.07	0.05	0.1	ppbv
75-69-4	Trichlorofluoromethane	0.04	0.22	U	0.04	0.05	0.1	ppbv
76-14-2	Dichlorotetrafluoroethane	0.04	0.28	U	0.04	0.05	0.1	ppbv
76-13-1	1,1,2-Trichlorotrifluoroethane	0.04	0.31	U	0.04	0.05	0.1	ppbv
593-60-2	Bromoethene	0.03	0.13	U	0.03	0.05	0.1	ppbv
142-82-5	Heptane	0.06	0.25	U	0.06	0.05	0.1	ppbv
75-35-4	1,1-Dichloroethene	0.05	0.2	U	0.05	0.05	0.1	ppbv
67-64-1	Acetone	0.1	0.24	U	0.1	0.1	0.1	ppbv
75-15-0	Carbon Disulfide	0.05	0.16	U	0.05	0.05	0.1	ppbv
1634-04-4	Methyl tert-Butyl Ether	0.05	0.18	U	0.05	0.05	0.1	ppbv
75-09-2	Methylene Chloride	0.05	0.17	U	0.05	0.05	0.1	ppbv
107-05-1	Allyl Chloride	0.05	0.16	U	0.05	0.05	0.1	ppbv
156-60-5	trans-1,2-Dichloroethene	0.06	0.24	U	0.06	0.05	0.1	ppbv
75-34-3	1,1-Dichloroethane	0.04	0.16	U	0.04	0.05	0.1	ppbv
110-82-7	Cyclohexane	0.08	0.28	U	0.08	0.05	0.1	ppbv
78-93-3	2-Butanone	0.1	0.29	U	0.1	0.1	0.1	ppbv
56-23-5	Carbon Tetrachloride	0.04	0.25	U	0.04	0.04	0.04	ppbv
156-59-2	cis-1,2-Dichloroethene	0.06	0.24	U	0.06	0.05	0.1	ppbv
67-66-3	Chloroform	0.02	0.1	U	0.02	0.05	0.1	ppbv
123-91-1	1,4-Dioxane	0.09	0.32	U	0.09	0.05	0.1	ppbv
71-55-6	1,1,1-Trichloroethane	0.04	0.22	U	0.04	0.04	0.04	ppbv
109-99-9	Tetrahydrofuran	0.08	0.24	U	0.08	0.05	0.1	ppbv
540-84-1	2,2,4-Trimethylpentane	0.04	0.19	U	0.04	0.05	0.1	ppbv
71-43-2	Benzene	0.04	0.13	U	0.04	0.05	0.1	ppbv
107-06-2	1,2-Dichloroethane	0.07	0.28	U	0.07	0.05	0.1	ppbv
79-01-6	Trichloroethene	0.04	0.21	U	0.04	0.04	0.04	ppbv
78-87-5	1,2-Dichloropropane	0.06	0.28	U	0.06	0.05	0.1	ppbv
75-27-4	Bromodichloromethane	0.05	0.33	U	0.05	0.05	0.1	ppbv
108-10-1	4-Methyl-2-Pentanone	0.06	0.25	U	0.06	0.05	0.1	ppbv
108-88-3	Toluene	0.05	0.19	U	0.05	0.05	0.1	ppbv
10061-02-6	t-1,3-Dichloropropene	0.07	0.32	U	0.07	0.05	0.1	ppbv
10061-01-5	cis-1,3-Dichloropropene	0.06	0.27	U	0.06	0.05	0.1	ppbv

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:	
Project:	JSKim 10-01	Date Received:	
Client Sample ID:	VL0731ABL	SDG No.:	d3615
Lab Sample ID:	VL0731ABL	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
VL017629.D	1		07/31/12	VL073112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.08	0.44	U	0.08	0.05	0.1	ppbv
124-48-1	Dibromochloromethane	0.05	0.43	U	0.05	0.05	0.1	ppbv
106-93-4	1,2-Dibromoethane	0.07	0.54	U	0.07	0.05	0.1	ppbv
127-18-4	Tetrachloroethene	0.03	0.2	U	0.03	0.03	0.03	ppbv
108-90-7	Chlorobenzene	0.09	0.41	U	0.09	0.05	0.1	ppbv
100-41-4	Ethyl Benzene	0.08	0.35	U	0.08	0.05	0.1	ppbv
179601-23-1	m/p-Xylene	0.11	0.48	U	0.11	0.1	0.2	ppbv
95-47-6	o-Xylene	0.07	0.3	U	0.07	0.05	0.1	ppbv
100-42-5	Styrene	0.07	0.3	U	0.07	0.05	0.1	ppbv
75-25-2	Bromoform	0.05	0.52	U	0.05	0.05	0.1	ppbv
79-34-5	1,1,2,2-Tetrachloroethane	0.1	0.69	U	0.1	0.1	0.1	ppbv
95-49-8	2-Chlorotoluene	0.1	0.52	U	0.1	0.1	0.1	ppbv
108-67-8	1,3,5-Trimethylbenzene	0.09	0.44	U	0.09	0.05	0.1	ppbv
95-63-6	1,2,4-Trimethylbenzene	0.1	0.49	U	0.1	0.1	0.1	ppbv
622-96-8	4-Ethyltoluene	0.08	0.39	U	0.08	0.05	0.1	ppbv
541-73-1	1,3-Dichlorobenzene	0.08	0.48	U	0.08	0.05	0.1	ppbv
106-46-7	1,4-Dichlorobenzene	0.06	0.36	U	0.06	0.05	0.1	ppbv
95-50-1	1,2-Dichlorobenzene	0.07	0.42	U	0.07	0.05	0.1	ppbv
120-82-1	1,2,4-Trichlorobenzene	0.04	0.3	U	0.04	0.05	0.1	ppbv
87-68-3	Hexachloro-1,3-Butadiene	0.08	0.85	U	0.08	0.05	0.1	ppbv
106-99-0	1,3-Butadiene	0.09	0.2	U	0.09	0.05	0.1	ppbv
110-54-3	Hexane	0.04	0.14	U	0.04	0.05	0.1	ppbv
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	10.5			65 - 135		105%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	806945		6.36				
540-36-3	1,4-Difluorobenzene	2306080		7.92				
3114-55-4	Chlorobenzene-d5	1944860		12.9				

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:	
Project:	JSKim 10-01	Date Received:	
Client Sample ID:	VL0731ABS	SDG No.:	d3615
Lab Sample ID:	VL0731ABS	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
VL017630.D	1		07/31/12	VL073112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	8.6	42.5		0.04	0.05	0.1	ppbv
75-65-0	tert-Butyl alcohol	10.4	31.5		0.1	0.1	0.1	ppbv
74-87-3	Chloromethane	8.95	18.5		0.06	0.05	0.1	ppbv
80-62-6	Methyl Methacrylate	11.4	46.7		0.1	0.1	0.1	ppbv
75-01-4	Vinyl Chloride	9.14	23.4		0.07	0.07	0.07	ppbv
74-83-9	Bromomethane	9.12	35.4		0.03	0.05	0.1	ppbv
75-00-3	Chloroethane	8.7	23.0		0.07	0.05	0.1	ppbv
75-69-4	Trichlorofluoromethane	9.54	53.6		0.04	0.05	0.1	ppbv
76-14-2	Dichlorotetrafluoroethane	9.19	64.2		0.04	0.05	0.1	ppbv
76-13-1	1,1,2-Trichlorotrifluoroethane	9.32	71.4		0.04	0.05	0.1	ppbv
593-60-2	Bromoethene	9.28	40.6		0.03	0.05	0.1	ppbv
142-82-5	Heptane	9.58	39.3		0.06	0.05	0.1	ppbv
75-35-4	1,1-Dichloroethene	9.24	36.6		0.05	0.05	0.1	ppbv
67-64-1	Acetone	8.27	19.6		0.1	0.1	0.1	ppbv
75-15-0	Carbon Disulfide	9.16	28.5		0.05	0.05	0.1	ppbv
1634-04-4	Methyl tert-Butyl Ether	10.1	36.4		0.05	0.05	0.1	ppbv
75-09-2	Methylene Chloride	8.3	28.8		0.05	0.05	0.1	ppbv
107-05-1	Allyl Chloride	9.14	28.6		0.05	0.05	0.1	ppbv
156-60-5	trans-1,2-Dichloroethene	9.26	36.7		0.06	0.05	0.1	ppbv
75-34-3	1,1-Dichloroethane	9.27	37.5		0.04	0.05	0.1	ppbv
110-82-7	Cyclohexane	9.62	33.1		0.08	0.05	0.1	ppbv
78-93-3	2-Butanone	9.66	28.5		0.1	0.1	0.1	ppbv
56-23-5	Carbon Tetrachloride	9.71	61.1		0.04	0.04	0.04	ppbv
156-59-2	cis-1,2-Dichloroethene	9.92	39.3		0.06	0.05	0.1	ppbv
67-66-3	Chloroform	9.34	45.6		0.02	0.05	0.1	ppbv
123-91-1	1,4-Dioxane	10.5	37.8		0.09	0.05	0.1	ppbv
71-55-6	1,1,1-Trichloroethane	9.67	52.8		0.04	0.04	0.04	ppbv
109-99-9	Tetrahydrofuran	10.3	30.4		0.08	0.05	0.1	ppbv
540-84-1	2,2,4-Trimethylpentane	9.97	46.6		0.04	0.05	0.1	ppbv
71-43-2	Benzene	9.83	31.4		0.04	0.05	0.1	ppbv
107-06-2	1,2-Dichloroethane	9.83	39.8		0.07	0.05	0.1	ppbv
79-01-6	Trichloroethene	10.3	55.4		0.04	0.04	0.04	ppbv
78-87-5	1,2-Dichloropropane	9.71	44.9		0.06	0.05	0.1	ppbv
75-27-4	Bromodichloromethane	9.91	66.4		0.05	0.05	0.1	ppbv
108-10-1	4-Methyl-2-Pentanone	10.4	42.6		0.06	0.05	0.1	ppbv
108-88-3	Toluene	10.5	39.6		0.05	0.05	0.1	ppbv
10061-02-6	t-1,3-Dichloropropene	11.3	51.3		0.07	0.05	0.1	ppbv
10061-01-5	cis-1,3-Dichloropropene	10.9	49.5		0.06	0.05	0.1	ppbv

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:	
Project:	JSKim 10-01	Date Received:	
Client Sample ID:	VL0731ABS	SDG No.:	d3615
Lab Sample ID:	VL0731ABS	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
VL017630.D	1		07/31/12	VL073112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	9.72	53.0		0.08	0.05	0.1	ppbv
124-48-1	Dibromochloromethane	10.4	88.6		0.05	0.05	0.1	ppbv
106-93-4	1,2-Dibromoethane	10.2	78.4		0.07	0.05	0.1	ppbv
127-18-4	Tetrachloroethene	10.5	71.2		0.03	0.03	0.03	ppbv
108-90-7	Chlorobenzene	9.54	43.9		0.09	0.05	0.1	ppbv
100-41-4	Ethyl Benzene	10.4	45.2		0.08	0.05	0.1	ppbv
179601-23-1	m/p-Xylene	18.9	82.1		0.11	0.1	0.2	ppbv
95-47-6	o-Xylene	10.2	44.3		0.07	0.05	0.1	ppbv
100-42-5	Styrene	11	46.8		0.07	0.05	0.1	ppbv
75-25-2	Bromoform	10.5	108		0.05	0.05	0.1	ppbv
79-34-5	1,1,2,2-Tetrachloroethane	9.37	64.3		0.1	0.1	0.1	ppbv
95-49-8	2-Chlorotoluene	11.5	59.6		0.1	0.1	0.1	ppbv
108-67-8	1,3,5-Trimethylbenzene	10.1	49.6		0.09	0.05	0.1	ppbv
95-63-6	1,2,4-Trimethylbenzene	9.88	48.6		0.1	0.1	0.1	ppbv
622-96-8	4-Ethyltoluene	10.6	52.1		0.08	0.05	0.1	ppbv
541-73-1	1,3-Dichlorobenzene	9.58	57.6		0.08	0.05	0.1	ppbv
106-46-7	1,4-Dichlorobenzene	9.83	59.1		0.06	0.05	0.1	ppbv
95-50-1	1,2-Dichlorobenzene	9.75	58.6		0.07	0.05	0.1	ppbv
120-82-1	1,2,4-Trichlorobenzene	9.19	68.2		0.04	0.05	0.1	ppbv
87-68-3	Hexachloro-1,3-Butadiene	9.09	97.0		0.08	0.05	0.1	ppbv
106-99-0	1,3-Butadiene	9.11	20.2		0.09	0.05	0.1	ppbv
110-54-3	Hexane	9.61	33.9		0.04	0.05	0.1	ppbv
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	10			65 - 135		101%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	778975		6.37				
540-36-3	1,4-Difluorobenzene	2240280		7.93				
3114-55-4	Chlorobenzene-d5	2178720		12.91				

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

CHEMTECH

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: JRH001

Lab Code: CHEM Case No.: D3615 SAS No.: D3615 SDG No.: D3615

Instrument ID: MSVOA_L Calibration Date(s): 07/27/2012 07/27/2012

Heated Purge: (Y/N) N Calibration Time(s): 11:44 14:26

GC Column: RTX-1 ID: 0.32 (mm)

LAB FILE ID: RRF0.50 = VL017600.D RRF001 = VL017599.D RRF002 = VL017598.D
RRF010 = VL017597.D RRF015 = VL017601.D RRF =

COMPOUND	RRF0.50	RRF001	RRF002	RRF010	RRF015	RRF	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	5.126	4.699	4.183	3.587	3.381		4.195	17.5
tert-Butyl alcohol	2.911	2.932	2.706	2.632	2.506		2.738	6.7
Chloromethane	1.557	1.559	1.512	1.306	1.273		1.441	9.7
Methyl Methacrylate	0.332	0.375	0.420	0.433	0.439		0.4	11.3
Vinyl Chloride	1.292	1.260	1.299	1.136	1.120		1.221	7.1
Bromomethane	1.028	1.005	0.986	0.865	0.860		0.949	8.5
Chloroethane	0.630	0.584	0.561	0.503	0.493		0.554	10.3
Trichlorofluoromethane	5.157	4.987	4.768	4.206	4.159		4.656	9.7
Dichlorotetrafluoroethane	3.841	3.729	3.701	3.245	3.197		3.543	8.4
1,1,2-Trichlorotrifluoroethane	3.428	3.267	3.154	2.832	2.842		3.105	8.5
Bromoethene	1.199	1.192	1.206	1.071	1.082		1.15	5.8
Heptane	1.811	1.895	1.919	1.916	1.874		1.883	2.3
1,1-Dichloroethene	1.376	1.327	1.349	1.212	1.208		1.294	6.1
Acetone	2.888	2.621	2.525	1.943	1.922		2.38	18
Carbon Disulfide	3.908	3.817	3.769	3.440	3.403		3.667	6.3
Methyl tert-Butyl Ether	3.625	3.942	4.160	3.922	3.914		3.912	4.9
Methylene Chloride	1.659	1.460	1.336	1.121	1.126		1.341	17.1
Allyl Chloride	1.632	1.531	1.494	1.367	1.360		1.477	7.8
trans-1,2-Dichloroethene	1.123	1.170	1.140	1.068	1.062		1.113	4.2
1,1-Dichloroethane	2.592	2.574	2.560	2.303	2.295		2.465	6.2
Cyclohexane	1.391	1.470	1.513	1.479	1.485		1.468	3.1
2-Butanone	0.729	0.737	0.770	0.714	0.714		0.733	3.1
Carbon Tetrachloride	1.197	1.178	1.170	1.113	1.109		1.153	3.4
cis-1,2-Dichloroethene	1.489	1.633	1.672	1.627	1.646		1.614	4.4
Chloroform	3.398	3.375	3.261	2.962	2.981		3.196	6.6
1,4-Dioxane	0.117	0.119	0.105	0.119	0.109		0.114	5.6
1,1,1-Trichloroethane	3.542	3.511	3.422	3.181	3.185		3.368	5.2
Tetrahydrofuran	0.310	0.352	0.380	0.377	0.375		0.359	8.2
2,2,4-Trimethylpentane	1.598	1.738	1.796	1.749	1.731		1.722	4.3
Benzene	1.066	1.112	1.168	1.131	1.127		1.121	3.3
1,2-Dichloroethane	0.907	0.903	0.887	0.830	0.829		0.871	4.5
Trichloroethene	0.465	0.476	0.502	0.510	0.526		0.496	5
1,2-Dichloropropane	0.374	0.372	0.386	0.377	0.375		0.377	1.5

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: JRH001

Lab Code: CHEM Case No.: D3615 SAS No.: D3615 SDG No.: D3615

Instrument ID: MSVOA_L Calibration Date(s): 07/27/2012 07/27/2012

Heated Purge: (Y/N) N Calibration Time(s): 11:44 14:26

GC Column: RTX-1 ID: 0.32 (mm)

LAB FILE ID: RRF0.50 = VL017600.D RRF001 = VL017599.D RRF002 = VL017598.D
RRF010 = VL017597.D RRF015 = VL017601.D RRF =

COMPOUND	RRF0.50	RRF001	RRF002	RRF010	RRF015	RRF	$\overline{RRF}$	% RSD
Bromodichloromethane	1.120	1.104	1.123	1.082	1.080		1.102	1.8
4-Methyl-2-Pentanone	0.748	0.812	0.880	0.875	0.873		0.838	6.8
Toluene	1.137	1.280	1.412	1.454	1.480		1.353	10.6
t-1,3-Dichloropropene	0.525	0.614	0.689	0.758	0.771		0.671	15.3
cis-1,3-Dichloropropene	0.580	0.682	0.762	0.808	0.817		0.73	13.6
1,1,2-Trichloroethane	0.482	0.494	0.504	0.500	0.505		0.497	1.9
Dibromochloromethane	0.831	0.876	0.915	0.940	0.957		0.904	5.6
1,2-Dibromoethane	0.700	0.744	0.785	0.806	0.823		0.771	6.5
Tetrachloroethene	0.493	0.508	0.541	0.571	0.596		0.542	7.9
Chlorobenzene	1.417	1.356	1.327	1.201	1.171		1.294	8.1
Ethyl Benzene	1.796	2.066	2.151	1.997	1.935		1.989	6.8
m/p-Xylene	1.866	1.995	2.001	1.813	1.752		1.885	5.9
o-Xylene	1.793	1.964	1.978	1.818	1.765		1.864	5.4
Styrene	0.822	1.026	1.153	1.133	1.112		1.049	13
Bromoform	0.785	0.813	0.870	0.918	0.946		0.866	7.9
1,1,2,2-Tetrachloroethane	1.276	1.258	1.236	1.110	1.083		1.193	7.5
2-Chlorotoluene	1.436	1.672	1.752	1.621	1.587		1.614	7.3
1,3,5-Trimethylbenzene	1.989	2.170	2.213	2.029	1.967		2.074	5.3
1,2,4-Trimethylbenzene	2.218	2.338	2.353	2.121	2.062		2.218	5.8
4-Ethyltoluene	1.713	1.967	2.086	1.965	1.904		1.927	7.1
1,3-Dichlorobenzene	1.532	1.516	1.468	1.328	1.305		1.43	7.4
1,4-Dichlorobenzene	1.426	1.493	1.461	1.343	1.321		1.409	5.3
1,2-Dichlorobenzene	1.396	1.417	1.423	1.295	1.274		1.361	5.2
1,2,4-Trichlorobenzene	1.246	1.296	1.356	1.293	1.262		1.29	3.3
Hexachloro-1,3-Butadiene	1.452	1.397	1.349	1.121	1.062		1.276	13.6
1,3-Butadiene	1.033	0.991	0.982	0.868	0.867		0.948	8
Hexane	1.616	1.691	1.737	1.653	1.654		1.67	2.7
1-Bromo-4-Fluorobenzene	0.900	0.884	0.852	0.793	0.772		0.84	6.7

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: JRHO01

Lab Code: CHEM Case No.: D3615 SAS No.: D3615 SDG No.: D3615

Instrument ID: MSVOA_L Calibration Date/Time: 07/31/2012 16:18

Lab File ID: VL017628.D Init. Calib. Date(s): 07/27/2012 07/27/2012

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:44 14:26

GC Column: RTX-1 ID: 0.32 (mm)

COMPOUND	$\overline{RRF}$	RRF010	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	4.195	3.580		-14.66	30
tert-Butyl alcohol	2.738	2.681		-2.08	30
Chloromethane	1.441	1.320		-8.4	30
Methyl Methacrylate	0.4	0.436		9	30
Vinyl Chloride	1.221	1.131		-7.37	30
Bromomethane	0.949	0.873		-8.01	30
Chloroethane	0.554	0.493		-11.01	30
Trichlorofluoromethane	4.656	4.586		-1.5	30
Dichlorotetrafluoroethane	3.543	3.340		-5.73	30
1,1,2-Trichlorotrifluoroethane	3.105	2.981		-3.99	30
Bromoethene	1.15	1.089		-5.3	30
Heptane	1.883	1.856		-1.43	30
1,1-Dichloroethene	1.294	1.238		-4.33	30
Acetone	2.38	2.015		-15.34	30
Carbon Disulfide	3.667	3.473		-5.29	30
Methyl tert-Butyl Ether	3.912	4.020		2.76	30
Methylene Chloride	1.341	1.150		-14.24	30
Allyl Chloride	1.477	1.374		-6.97	30
trans-1,2-Dichloroethene	1.113	1.049		-5.75	30
1,1-Dichloroethane	2.465	2.315		-6.09	30
Cyclohexane	1.468	1.456		-0.82	30
2-Butanone	0.733	0.721		-1.64	30
Carbon Tetrachloride	1.153	1.214		5.29	30
cis-1,2-Dichloroethene	1.614	1.641		1.67	30
Chloroform	3.196	3.063		-4.16	30
1,4-Dioxane	0.114	0.119		4.39	30
1,1,1-Trichloroethane	3.368	3.341		-0.8	30
Tetrahydrofuran	0.359	0.383		6.69	30
2,2,4-Trimethylpentane	1.722	1.780		3.37	30
Benzene	1.121	1.134		1.16	30
1,2-Dichloroethane	0.871	0.894		2.64	30
Trichloroethene	0.496	0.527		6.25	30
1,2-Dichloropropane	0.377	0.376		-0.27	30
Bromodichloromethane	1.102	1.132		2.72	30
4-Methyl-2-Pentanone	0.838	0.898		7.16	30
Toluene	1.353	1.485		9.76	30
t-1,3-Dichloropropene	0.671	0.782		16.54	30
cis-1,3-Dichloropropene	0.73	0.824		12.88	30
1,1,2-Trichloroethane	0.497	0.508		2.21	30
Dibromochloromethane	0.904	0.994		9.96	30
1,2-Dibromoethane	0.771	0.831		7.78	30
Tetrachloroethene	0.542	0.594		9.59	30

CHEMTECH

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: JRHO01

Lab Code: CHEM Case No.: D3615 SAS No.: D3615 SDG No.: D3615

Instrument ID: MSVOA_L Calibration Date/Time: 07/31/2012 16:18

Lab File ID: VL017628.D Init. Calib. Date(s): 07/27/2012 07/27/2012

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:44 14:26

GC Column: RTX-1 ID: 0.32 (mm)

COMPOUND	RRF	RRF010	MIN RRF	%D	MAX%D
Chlorobenzene	1.294	1.192		-7.88	30
Ethyl Benzene	1.989	2.000		0.55	30
m/p-Xylene	1.885	1.728		-8.33	30
o-Xylene	1.864	1.853		-0.59	30
Styrene	1.049	1.114		6.2	30
Bromoform	0.866	0.974		12.47	30
1,1,2,2-Tetrachloroethane	1.193	1.114		-6.62	30
2-Chlorotoluene	1.614	1.649		2.17	30
1,3,5-Trimethylbenzene	2.074	2.050		-1.16	30
1,2,4-Trimethylbenzene	2.218	2.176		-1.89	30
4-Ethyltoluene	1.927	1.971		2.28	30
1,3-Dichlorobenzene	1.43	1.359		-4.97	30
1,4-Dichlorobenzene	1.409	1.371		-2.7	30
1,2-Dichlorobenzene	1.361	1.318		-3.16	30
1,2,4-Trichlorobenzene	1.29	1.332		3.26	30
Hexachloro-1,3-Butadiene	1.276	1.189		-6.82	30
1,3-Butadiene	0.948	0.878		-7.38	30
Hexane	1.67	1.646		-1.44	30
1-Bromo-4-Fluorobenzene	0.84	0.787		-6.31	30

All other compounds must meet a minimum RRF of 0.010.

SHIPPING DOCUMENTS

CHEMTECH

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

CHEMTECH Project No. : D3615

Client Contact Information	Bottle Order ID : **B1207066**	Courier : fed ex	1 of 4 COCs
Client ID : **JRHO01** Project ID : **JSKim 10-01**		Sampler Name(s) : [signature]	Analysis / Matrix
Customer Name : **J.R.Holzmacher P.E., LLC**	Project Manager : **Heather sonnenberg**	AIR ANALYSIS CHAIN-OF-CUSTODY	
	Phone Number : **6312342220**		
Address : **300 Wheeler Avenue**	Fax Number : **6312342221**		
Suite 402	Site Details: demolished bldg w/ existing slab & partial pavement		
City : **Hauppauge**			
State : **NY**	Analysis Turnaround Time Std.		
Zip Code : **11788**	Standard : **15 business days**	Data Package Type :	
Country : US	Rush (Specify): N/A **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~~ Ext Temp. (F) (Start)	~~Interior~~ Ext 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 (ml/min)	Can Cert ID	TO-15				Indoor/Ambinet Air	Soil Gas		
VP-4	7-27-12	8:57 AM	9:25 AM	30	5	85°	88°	-30		10767	10265	6 L	25	VL017320.D	✓					✓		

Temperature (Fahrenheit)	Ambient	Maximum	Minimum	
Start				
Stop				

Pressure (Inches of Hg)	Ambient	Maximum	Minimum	
Start				
Stop				

GC/MS Analyst Signature (TO-15): [signature]

** Submittal of this COC indicates approval of the analysis based on existing conditions.

Please follow the instructions on the back of this COC.

Special Instructions/QC Requirements & Comments :

Suspected Contamination: High Medium (Low)

PID Readings: none

Sampling site (State):

Quick Connector required : NO

Canisters Shiped by: [signature]	Date/Time: 7/23/12	Canisters Received by:	Date/Time:
Samples Relinquished by: [signature]	Date/Time: 7/31/12 8:55 AM	Received by:	Date/Time:
Relinquished by: FEDEX	Date/Time: 7/31/12 9:30AM	Received by: JONTAI TENGCO	Date/Time: 7/31/12 9:30AM

B1207066 - 1

CHEMTECH

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

CHEMTECH Project No. : D3615

Client Contact Information	Bottle Order ID : **B1207066**	Courier : Fed ex	2 of 4 COCs
Client ID : **JRHO01** Project ID : **JSKim 10-01**		Sampler Name(s) : Heather Sonnenberg	
Customer Name : **J.R.Holzmacher P.E., LLC**	Project Manager : **Heather sonnenberg**		
	Phone Number : **6312342220**		
Address : **300 Wheeler Avenue**	Fax Number : **6312342221**	AIR ANALYSIS CHAIN-OF-CUSTODY	
Suite 402	Site Details: demolished bldg - existing slab partial pavement		
City : **Hauppauge**			
State : **NY**	Analysis Turnaround Time Std.		
Zip Code : **11788**	Standard : **15 business days**	Data Package Type :	
Country : US	Rush (Specify): N/A **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~~ Ext. Temp. (F) (Start)	~~Interior~~ Ext. 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 (ml/min)	Can Cert ID	TO-15				Indoor/Ambinet Air	Soil Gas		
VP-5	7-27-12	926 AM	230 PM	30	0	85°	88°	-30		10230	10279	6 L	25	VL017320.D	✓					✓		

Temperature (Fahrenheit)	Ambient	Maximum	Minimum	
Start				
Stop				

Pressure (Inches of Hg)	Ambient	Maximum	Minimum	
Start				
Stop				

GC/MS Analyst Signature (TO-15): [signature]

** Submittal of this COC indicates approval of the analysis based on existing conditions.

Please follow the instructions on the back of this COC.

Special Instructions/QC Requirements & Comments :

Suspected Contamination: High Medium Low

PID Readings: none

Sampling site (State):

Quick Connector required : N/A

Canisters Shiped by:	Date/Time: 7/23/12	Canisters Received by:	Date/Time:
Samples Relinquished by: [signature]	Date/Time: 7/30/12 830 PM	Received by:	Date/Time:
Relinquished by: FEDEX	Date/Time: 7/31/12 9:30AM	Received by: JOHN TENBLO	Date/Time: 7/31/12 9:30AM

B1207066 - 3

CHEMTECH

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

CHEMTECH Project No. : D3615

Client Contact Information	Bottle Order ID : **B1207066**	Courier : fed ex	3 of 4 COCs
Client ID : **JRHO01** Project ID : **JSKim 10-01**		Sampler Name(s) : Heather Sonnenberg	Analysis / Matrix
Customer Name : **J.R.Holzmacher P.E., LLC**	Project Manager : **Heather sonnenberg**	AIR ANALYSIS CHAIN-OF-CUSTODY	
	Phone Number : **6312342220**		
Address : **300 Wheeler Avenue**	Fax Number : **6312342221**		
Suite 402	Site Details: demolished bldg, existing slab, partial pavement.		
City : **Hauppauge**			
State : **NY**	Analysis Turnaround Time 3d		
Zip Code : **11788**	Standard : **15 business days**	Data Package Type :	
Country : US	Rush (Specify): N/A **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~~ Out Temp. (F) (Start)	~~Interior~~ In 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 (ml/min)	Can Cert ID	TO-15				Indoor/Ambinet Air	Soil Gas		
VP-6	7-27-12	10:30	2:30	30	3	85°	88°	-30		10623	10280	6 L	25	VL017320.D	✓					✓		

Temperature (Fahrenheit)	Ambient	Maximum	Minimum	
Start				
Stop				

Pressure (Inches of Hg)	Ambient	Maximum	Minimum	
Start				
Stop				

GC/MS Analyst Signature (TO-15): Signature

** Submittal of this COC indicates approval of the analysis based on existing conditions.

Please follow the instructions on the back of this COC.

Special Instructions/QC Requirements & Comments :

Suspected Contamination: High Medium (Low)

PID Readings: None

Sampling site (State):

Quick Connector required : NO

Canisters Shiped by:	Date/Time: 7/23/12	Canisters Received by:	Date/Time:	
Samples Relinquished by:	Date/Time: 7/30/12	Received by:	Date/Time:	B1207066 - 5
Relinquished by: FEDEX	Date/Time: 7/31/12 9:30AM	Received by: JOHN TENGCO	Date/Time: 7/31/12 9:30AM	

CHEMTECH

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

CHEMTECH Project No. : D3615

Client Contact Information	Bottle Order ID : **B1207066**	Courier : fed ex	4 of 4 COCs
Client ID : **JRHO01** Project ID : **JSKim 10-01**		Sampler Name(s) : [signature]	
Customer Name : **J.R.Holzmacher P.E., LLC**	Project Manager : **Heather sonnenberg**	AIR ANALYSIS CHAIN-OF-CUSTODY	
Address : **300 Wheeler Avenue**	Phone Number : **6312342220**		
Suite 402	Fax Number : **6312342221**		
City : **Hauppauge**	Site Details: demolished bldg, existing slab, partial basement		
State : **NY**	Analysis Turnaround Time Std		
Zip Code : **11788**	Standard : **15 business days**	Data Package Type :	
Country : US	Rush (Specify): N/A **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~~ Ept Temp. (F) (Start)	~~Interior~~ Ept 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 (ml/min)	Can Cert ID	TO-15				Indoor/Ambinet Air	Soil Gas		
VP-7	7-27-12	958 AM	230 PM	30	0	85°	88°	-30		10522	10447	6 L	25	VL017320.D	✓					✓		

Temperature (Fahrenheit)	Ambient	Maximum	Minimum	
Start				
Stop				

Pressure (Inches of Hg)	Ambient	Maximum	Minimum	
Start				
Stop				

GC/MS Analyst Signature (TO-15): [signature]

** Submittal of this COC indicates approval of the analysis based on existing conditions.

Please follow the instructions on the back of this COC.

Special Instructions/QC Requirements & Comments :

Suspected Contamination: High Medium (Low)

PID Readings: none

Sampling site (State):

Quick Connector required : NO

Canisters Shiped by: [signature]	Date/Time: 7/23/12	Canisters Received by:	Date/Time:
Samples Relinquished by: [signature]	Date/Time: 7/30/12 830 AM	Received by:	Date/Time:
Relinquished by: FEDEX	Date/Time: 7/31/12 9:30AM	Received by: JOHN TENBOLO	Date/Time: 7/31/12 9:30AM

B1207066 - 7

From: (631) 234-2
Pat Zalak
J.R. HOLZMACHER
300 WHEELER RO
HAUPPAUGE, NY 11788

SHIP TO: (908) 789-890
Joe Dockery
Chemtech, Inc.
284 SHEFFIELD S
MOUNTAINSIDE.

220
E., LLC
D SUITE 402

Origin ID: WLMA

FedEx Express

J122012071603 25

BILL SENDER

NJ 07092

Ship Date: 30JUL12
ActWgt: 35.0 LB
CAD: 3033057/INET3300

Delivery Address Bar Code

Ref # QUEST 04-01
Invoice #
PO #
Dept #

JDT
7/31/12
9:30AM

TUE - 31 JUL A1
STANDARD OVERNIGHT

TRK# 7938 4339 9380
0201

07092
NJ-US
EWR

EB CDWA

515G1/A270/AA44

Laboratory Certification

State	License No.
New Jersey	20012
New York	11376
Connecticut	PH-0649
Florida	E87935
Maryland	296
Massachusetts	M-NJ503
Oklahoma	9705
Pennsylvania	68-548
Rhode Island	LAO00259
Virginia	460220
Texas	T10470448-10-1

Other:

DOD ELAP	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
~~Nabak~~
Field Sample Seal No.: D3615
Case No.: JSKim 10-01

Location: 284 Sheffield Street, Mountainside,NJ 7092
Title: Sample Custodian
Date Broken: 7/31/2012
Analytical Parameter/Fraction: TO-15

Military Time Seal Broken: 09:30:00

Sample No.	Aliquot/Extract No.	Sample No.	Aliquot/Extract No.
D3615-01	VP-4		
D3615-02	VP-5		
D3615-03	VP-6		
D3615-04	VP-7		

Date	Time	Relinquished By	Received By	Purpose of Change of Custody
7/31/12	1255	Signature Palak Shah Printed Name Palak Shah	Signature [illegible] Printed Name [illegible]	Air lab
		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	
		Signature Printed Name	Signature Printed Name	

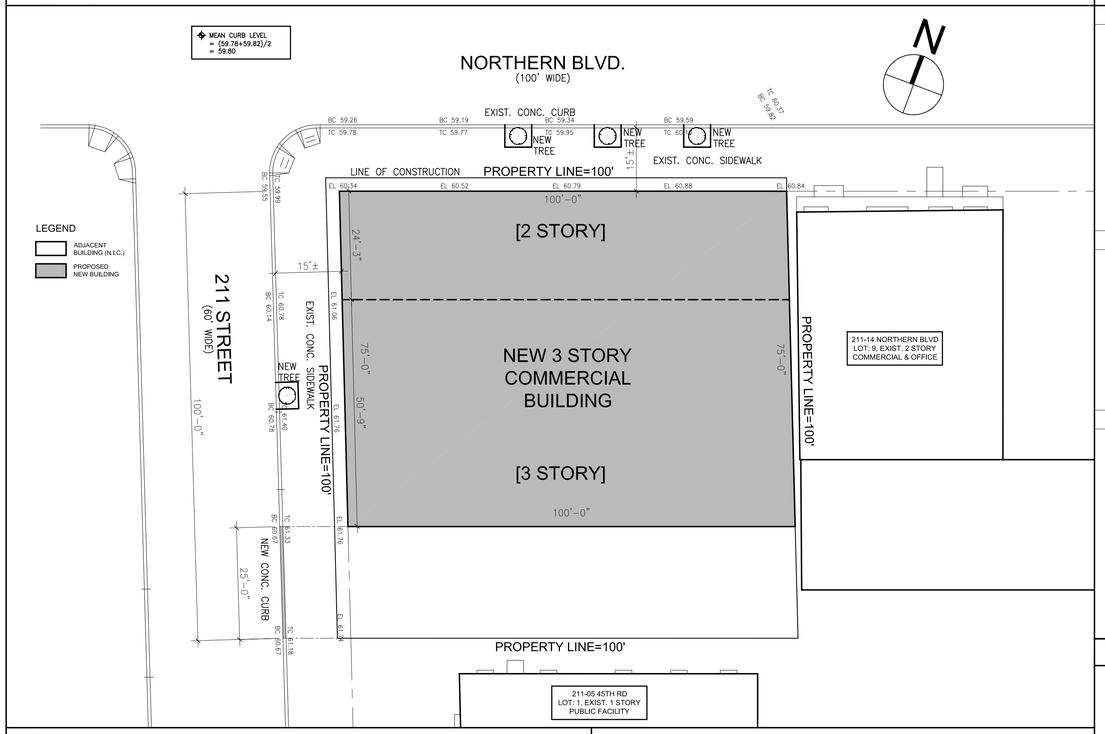
Distribution: White - Original (Sent With Report) Yellow - Contractor Archive Pink - Sample Custodian - Interim Copy

Appendix E

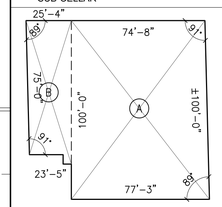
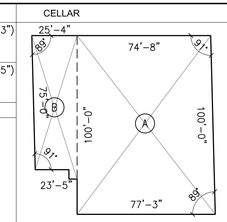
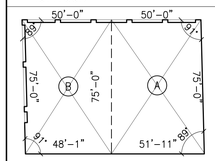
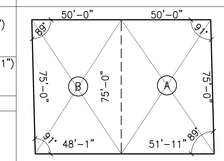
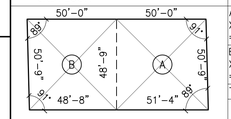
Proposed Development Plans

PLOT PLAN

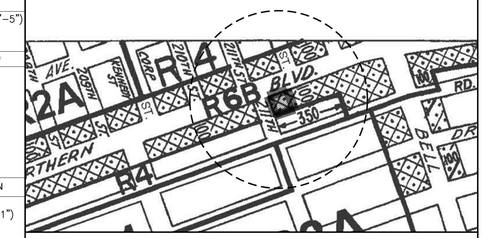
SCALE : 1/16" = 1'-0"



FLOOR AREA CALCULATION FOR F.A.R.

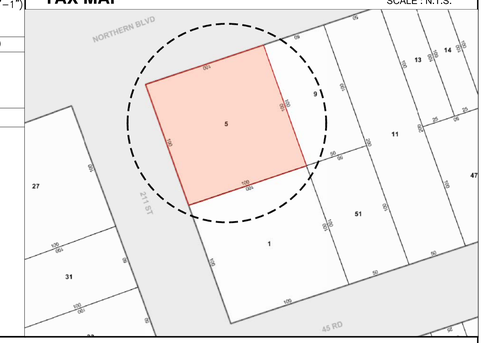
SUB-CELLAR	COMPUTATION	CELLAR	COMPUTATION
	A: ((74'-8"+77'-3") X 100'-0")/2 = 7,592.69 B: ((25'-4"+23'-5") X 75'-0")/2 = 1,852.00 TOTAL: 9,444.29		A: ((74'-8"+77'-3") X 100'-0")/2 = 7,592.69 B: ((25'-4"+23'-5") X 75'-0")/2 = 1,852.00 TOTAL: 9,444.29
1ST FLOOR	**COMPUTATION**	**2ND FLOOR**	**COMPUTATION**
	A: ((50'-0"+51'-11") X 75'-0")/2 = 3,760.25 B: ((50'-0"+48'-1") X 75'-0")/2 = 3,543.95 TOTAL: 7,304.20		A: ((50'-0"+51'-11") X 75'-0")/2 = 3,821.75 B: ((50'-0"+48'-1") X 75'-0")/2 = 3,678.25 TOTAL: 7,500.00
3RD FLOOR	**COMPUTATION**		
	A: ((50'-0"+51'-4") X 48'-9")/2 = 2,570.35 B: ((50'-0"+48'-8") X 48'-9")/2 = 2,504.65 TOTAL: 5,075.00		

ZONING MAP 11b

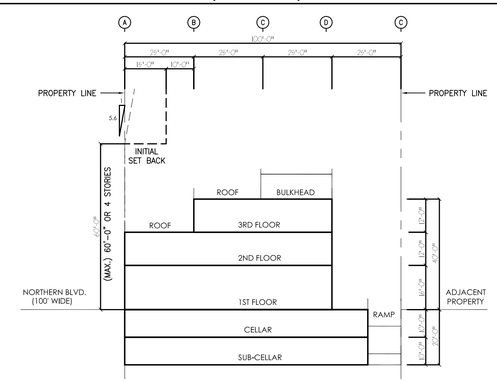


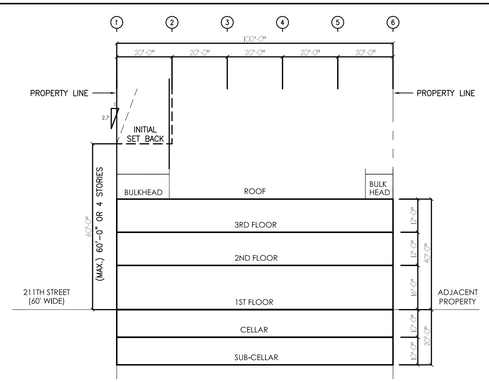
TAX MAP

SCALE : N.T.S.



SKY EXPOSURE PLANE (ZR 33-431)





ZONING ANALYSIS

PROPERTY INFO	ADDRESS	211-02 NORTHERN BLVD, QUEENS, NY 11361	
	BLOCK	7313	
	LOT	5	
	ZONE	R6B / C2-2	
	MAP NO.	11B	
	CB NO.	411	
	BIN NO.	4156880	
	USE GROUP	6 (1ST & 2ND FL.) / 4 (3RD FL.)	
	OCCUPANCY GROUP	M(1ST FL.) & B(2ND & 3RD FL.)	
SECTION	DESCRIPTION	PROPOSED	REMARKS
	LOT AREA	9,996.75 SF. (SURVEY)	CORNER LOT
	LOT WIDTH	100.00' (SURVEY)	
33-121	FLOOR AREA — FLOOR	AREA	
	1ST	7,304.20 SF	COMMERCIAL
	2ND	7,500.00 SF	COMMERCIAL
	3RD	5,075.00 SF	COMMUNITY FACILITY
	TOTAL	19,879.20 SF	
	CELLAR	9,444.29 SF	PARKING LOT
	SUB-CELLAR	9,444.29 SF	PARKING LOT
	TOTAL CONSTRUCTION AREA	38,767.78 SF	
33-121	COMMERCIAL F.A.R.	1.48 (14,804.20/9,996.75)	< MAX. 2.0
	COMMUNITY FACILITY F.A.R.	0.51 (5075.00/9,996.75)	< MAX. 2.0
	TOTAL F.A.R.	1.99	< MAX. 2.0
	LOT COVERAGE	75.02% (9,996.75/7,500.00)	
	OPEN SPACE	24.98%	
33-25	SIDE YARD	NONE	NONE
33-261	REAR YARD	NONE	NONE (CORNER LOT > 100')
33-431	MAXIMUM HEIGHT OF FRONT WALL AND REQUIRED FRONT SETBACKS	25'	INITIAL SETBACK DISTANCE = 20'
		28-0" & 2 STORIES 40-0" & 3 STORIES	MAX. HEIGHT OF FRONT WALL = 60' OR 4 STORIES WHICHEVER IS LESS
36-21 36-521	PARKING REQUIREMENT: 1.GENERAL RETAIL OR SERVICE USE 2.AMBULATORY DIAGNOSTIC OR TREATMENT HEALTH CARE	ATTENDANT 56 SPACE PROVIDED AT SUB CELLAR & CELLAR 2 SPACE (OPEN) AT OSP	1 PER 300 SF 17,112.00/300 = 57.04 SPACES REQ'D 58 CARS x 200 SF. = 11,600 SF. REQ'D < 14,492 SF. PROVIDED
33-03	STREET TREE PLANTING	4 STREET TREES PROVIDED ON SITE & 4 TREES -PAYMENT TO PARK	1 PER 25' -> 100'/25 = 4 x 2 = 8 = 8 REQUIRED
36-711	BICYCLE PARKING REQUIREMENT 1.GENERAL RETAIL OR SERVICE USE		1 PER 10,000 SF --> 1 SPACE 7,500.00/10,000 = 0.75(USE G.-6A &C) 12,500.00/7,500 = 1.66(USE G.-6B) TOTAL : 2.41 SPACES
	WAIVER	0 SPACE PROVIDED	UP TO 3 SPACES TO BE WAIVED

CONSTRUCTION CLASSIFICATION

TYPE 2-B (FULLY SPRINKLERED)

SCOPE OF WORK

NEW 3 STORY COMMERCIAL BUILDING CONSTRUCTION.

ENERGY CODE COMPLIANCE

TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGMENT, THIS APPLICATION IS IN COMPLIANCE WITH THE 2011 NYCECC.*

**NOTE: SEE ENERGY ANALYSIS ON #EN-001

USE

FLOOR	PROPOSED	U.G.	OCC. G.
SUB-CELLAR	PARKING LOT	6F	S-2
CELLAR	METER ROOMS, ACCESSORY USE	6F	S-2
	PARKING LOT	6F	S-2
1ST	RETAIL STORES	6	M
2ND	OFFICES	6B	B
3RD	AMBULATORY DIAGNOSTIC OR TREATMENT HEALTH CARE	4	B

OCCUPANT LOAD CALCULATION (TABLE 1004.1.2)

FLOOR	USE OF SPACE	FLOOR AREA PER OCCUPANT	NET AREA	OCCUPANT
1ST	MERCANTILE	30 SF	6037 SF	202 PERSONS
2ND	BUSINESS AREA	100 SF	5593 SF	56 PERSONS
3RD	BUSINESS AREA	100 SF	3398 SF	34 PERSONS
TOTAL				292 PERSONS

TRAVEL DISTANCE (TABLE 1015.1)

FLOOR	OCCUPANCY		WITHOUT SPRINKLER SYSTEM	WITH SPRINKLER SYSTEM	ACTUAL TRAVEL DISTANCE
1ST	MERCANTILE	M	150'	200'	> 40' OK
2ND	BUSINESS	B	200'	300'	> 82' OK
3RD	BUSINESS	B	200'	300'	> 89' OK

EXIT CAPACITY (TABLE 1005.1)

FLOOR	EXITS	WIDTH	EXIT UNIT	CAPACITY	ACTUAL OCCUPANTS
1ST FL.	EXIT 1	36"	36"/22"=1.5	1.5X100=150	450 > 90 PERSONS : OK (2ND + 3RD FLOOR = 90)
	EXIT 2	72"	72"/22"=3.0	3.0X100=300	

RELATED DOB FILINGS

DESCRIPTION	JOB NO.	REMARKS
SHORING & UNDERPINNING		
BPP (BUILDER'S PAVEMENT PLAN)		
ELEVATOR		

SPECIAL INSPECTIONS (TR1)

INSPECTIONS/TESTS	CODE/SECTION
STRUCTURAL STEEL - WELDING	BC 1704.3.1
STRUCTURAL STEEL - ERECTING & BOLTING	BC 1704.3.2, BC 1704.3.3
STRUCTURAL COLD - FORMED STEEL	BC 1704.3.4
CONCRETE-CAST IN PLACE	BC 1704.4
MASONRY	BC 1704.5
SOILS-INVESTIGATIONS (BORINGS/TEST PITS) ▮ TR4	BC 1704.7.4
SOIL PERCOLATION TEST - DRYWELL	BC 1704.20.1
SITE STORM DRAINAGE DISPOSAL & DETENTION SYSTEM INSTALLATION	BC 1704.20
FIRE STOP, DRAFTSTOP, AND FIRE BLOCK SYSTEM	BC 1704.25
FOOTING & FOUNDATION	BC 109.3.2
FRAME INSPECTION	BC 109.3.5
ENERGY CODE COMPLIANCE INSPECTIONS ▮ TR8	BC 109.3.5
FIRE-RESISTANCE RATED CONSTRUCTION	BC 109.3.4

ENERGY CODE PROGRESS INSPECTIONS (TR8)

PROGRESS INSPECTIONS	TABLE REFERENCE IN 1RCNY
INSULATION PLACEMENT & R-VALUE	IIA2
FENESTRATION THERMAL VALUES & RATINGS	IIA3
FENESTRATION RATINGS FOR AIR LEAKAGE	IIA4
FENESTRATION AREAS	IIA5
AIR SEALING AND INSULATION- VISUAL	IIA6
PROJECTION FACTORS	IIA7
DAMPERS INTEGRAL TO BUILDING ENVELOPE	IIB2
HVAC AND SERVICE WATER HEATING EQUIPMENT	IIB3
HVAC AND SERVICE WATER HEATING SYSTEM CONTROLS	IIB4
DUCT, PLENUM & PIPING INSULATION & SEALING	IIB5
INTERIOR LIGHTING POWER	IIC3
EXTERIOR LIGHTING POWER	IIC4
LIGHTING CONTROLS	IIC5
EXIT SIGNS	IIC6
TANDEM WIRING	IIC7
ELECTRIC MOTORS	IIC8
MAINTENANCE INFORMATION	IID1

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

211-02 NORTHERN BLVD.
QUEENS, NY 11361

Drawing Title:

PLOT PLAN, MAPS & ZONING ANALYSIS

Application No.:

Seal & Signature

Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: Z-001.00
Sheet No.: 1 OF 54

GENERAL ADMINISTRATIVE NOTES

1. THE FOLLOWING GENERAL NOTES AND PLANS COVER BASIC ZONING AND ADMINISTRATIVE REQUIREMENTS FOR BUILDINGS WITHIN FIRE LIMITS OF CODES OF THE CITY OF NEW YORK
2. ALL WORK SHALL CONFORM TO THE CITY OF NEW YORK BUILDING CODE. INITIAL FILING WITH THE BUILDING DEPARTMENT DOES NOT CONSTITUTE COMPLETENESS, CORRECTNESS OR FINALIZATION OF PLANS.
3. ONLY UPON APPROVAL BY THE BUILDING DEPARTMENT, A PERMIT MAY BE TAKEN OUT TO COMMENCE WORK. NO WORK SHOULD BE STARTED UNTIL THE BUILDING PERMIT IS SECURED BY THE CONTRACTOR.

GENERAL CONSTRUCTION NOTES

1. THE CONTRACTOR SHALL CHECK AND VERIFY DIMENSIONS, DETAILS AND JOB CONDITIONS PRIOR TO COMMENCING ANY WORK, AND REPORT ANY DISCREPANCY TO ATTENTION OF ARCHITECT.
2. THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE REQUIREMENTS OF SAFETY OF PUBLIC AND PROPERTY DURING CONSTRUCTION, AND SHALL BE HELD RESPONSIBLE FOR SAFE MAINTENANCE UNTIL COMPLETION OF ALL WORK.
3. NO DRAWINGS TO BE SCALED. DIMENSIONS ARE TO BE USED.
4. ARCHITECT HAS NOT BEEN RETAINED FOR THE FULL SUPERVISION OF WORK AND IT REMAINS INCUMBENT ON THE CONTRACTOR TO INFORM THE BUILDING DEPARTMENT OR ARCHITECT OF ANY DISCREPANCY OR CHANGE ON THE APPROVED PLANS AND OF ANY UNFORESEEN DEVELOPMENT THAT MAY OCCUR DURING THE COURSE OF CONSTRUCTION. ANY DEVIATION FROM THE APPROVED PLANS REQUIRE AN AMENDMENT AND APPROVAL OF SAME BY THE BUILDING DEPARTMENT.
5. LOCATIONS OF EQUIPMENT SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL MAKE FIELD ADJUSTMENT AS NECESSARY.
6. ALL WIRING, OUTLETS APPURTENANCES TO COMPLY WITH THE REQUIREMENTS OF THE N.Y.S. ELECTRICAL CODE. ALL OUTLETS, SWITCHES, BELL SYSTEMS, ETC. TO BE LOCATED AS DIRECTED BY THE OWNER IF NOT SHOWN ON PLANS.
7. CEILING OPENINGS FOR ELECTRICAL OUTLET BOXES AND RECESSED LIGHTING FIXTURE MAY NOT EXCEED 16 SQ. FT. FOR EACH 90 SQ. FT. OF CEILING AREA.
8. PIPING AND EQUIPMENT ARE INDICATED IN SCHEMATIC FORM. THE CONTRACTOR SHALL PROVIDE NECESSARY OFFSETS, TRANSITIONS, BENDS, AND ADJUSTMENT IN LOCATION SUBJECT APPROVAL OF ARCHITECT.
9. SUSPENDED CEILING SHALL COMPLY WITH APPLICABLE SECTION OF BUILDING CODE, WITH METAL HANGERS, PURING AND RUNNERS AS REQUIRED.

GENERAL NOTES

1. ENVIRONMENTALLY HAZARDOUS MATERIALS, INCLUDING ASBESTOS CONTAINING MATERIALS,LEAD AND OTHER HAZARDOUS OR TOXIC MATERIALS ARE ENCOUNTERED DURING PERFORMANCE OF CONTRACT WORK: CONTRACTOR SHALL IMMEDIATELY STOP AFFECTED WORK, TAKE PRECAUTIONS TO PROTECT AND SHORE UP WORK, AND NOTIFY THE OWNER WHEN DIRECTED BY OWNER, CONTRACTOR SHALL COORDINATE WITH OWNERS REPRESENTATIVES.
2. THE DRAWINGS ARE PART OF THE COMPLETE CONTRACT DOCUMENTS AND WORK INDICATED ON THE DRAWINGS SHALL BE SUBJECT TO THE ENTIRE CONTRACT DOCUMENTS. DRAWINGS, SPECIFICATIONS, AND OTHER CONTRACT DOCUMENTS, WHETHER OR NOT ATTACHED HERETO, ARE COMPLEMENTARY AND THE REQUIREMENTS OF ONE SHALL BE AS BINDING AS IF REQUIRED BY ALL. IT IS ESSENTIAL TO THE PROPER EXECUTION OF THE WORK THAT COORDINATION BETWEEN THE VARIOUS CONTRACT DOCUMENTS BE PROPERLY AND CONSISTENTLY MADE.
3. WHERE DRAWINGS INDICATE THE WORK IN DIAGRAMMATIC FORM, SUCH INDICATIONS SHALL BE SUBJECT TO DRAWN AND/OR WRITTEN DETAIL OR DIMENSIONAL INFORMATION PROVIDED ELSEWHERE. MAKE MODIFICATIONS IN THE LAYOUT WORK THAT MAY BE NECESSARY TO SUIT ACTUAL FIELD CONDITIONS. NOTIFY THE ARCHITECT PRIOR TO ANY SUCH MODIFICATIONS.
4. LAYOUT AND VERIFY NEW AND EXISTING CONDITIONS SO THAT WORK WILL AGREE WITH THE LINES, LEVELS, AND DIMENSIONS INDICATED ON THE DRAWINGS. NOTIFY THE ARCHITECT, AND REQUEST INSTRUCTIONS, IF THERE IS ANY DISCREPANCY BETWEEN THE DRAWINGS AND CONDITIONS ENCOUNTERED IN THE FIELD.
5. DIMENSIONS INDICATED ARE TO FINISH SURFACES, UNLESS OTHERWISE INDICATED. WHERE DIMENSIONS ARE MARKED WITH A PLUS OR MINUS (±) SIGN OR INDICATED AS V.I.F., SUCH DIMENSIONS ARE GENERALLY FOR CONVENIENCE, AND SHALL BE SUBORDINATE TO THE OTHER WRITTEN DIMENSIONS OR CONDITIONS.
6. WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS. LARGER SCALE DRAWINGS SHALL TAKE PRECEDENCE OVER SMALLER SCALED DRAWINGS.
7. CONTRACTOR SHALL HAVE SOLE RESPONSIBILITY FOR THE SELECTION AND SUPERVISION OF THE APPROPRIATE, SAFE, AND LAWFUL MEANS AND METHODS OF CONSTRUCTION AND CONSTRUCTION OPERATIONS, AND SHALL ENSURE THAT ALL CONSTRUCTION PERSONNEL ARE FULLY COGNIZANT OF THEIR RESPONSIBILITIES UNDER THE CONTRACT DOCUMENTS AND ANY OTHER APPLICABLE REQUIREMENTS.
8. ALL PRECAUTIONS ARE TO BE TAKEN TO PREVENT DIRT, NOISE, WATER AND DUST FROM PERMEATING OTHER PARTS OF THE BUILDING DURING THE PROGRESS OF THE WORK, DURING CONSTRUCTION, TEMPORARY BAFFLES AND OR TEMPORARY PARTITIONS TO SEAL OPENINGS TO PREVENT DUST AND DIRT FROM FILTERING INTO OCCUPIED AREAS ARE TO BE PROVIDED BY THE CONTRACTOR.
9. ALL WORK SHALL BE INSTALLED SO THAT ALL PARTS REQUIRED ARE READILY ACCESSIBLE FOR INSPECTION, OPERATION, MAINTENANCE AND REPAIR. PROVIDE ACCESS DOORS AT POINTS WHERE MEP CONTROLS ARE INSTALLED. ACCESS DOOR RATING WILL MAINTAIN AND COMPLY WITH PARTITION OR CEILING FIRE RATING IN WHICH IT IS INSTALLED. SEE ARCHITECTURAL MEP DRAWINGS.
10. CONTRACTOR SHALL MAINTAIN FREE AND UNOBSTRUCTED ACCESS FROM ALL FLOORS AND ADJACENT SPACES INTO THE EXISTING FIRE STAIRS TO OUTSIDE OF THE BUILDING AT ALL TIMES. IF THE PATHS OF EGRESS CANNOT BE MAINTAINED DURING DURING THE CONSTRUCTION. THE CONTRACTOR MUST PROVIDE ALTERNATE MEANS OF EGRESS INCLUDING ERECTING BARRICADES, TEMPORARY SIGNS, ALTERNATE PATHS OF TRAVEL, ETC. IN ORDER TO MAINTAIN A SAFE ENVIRONMENT FOR THE OCCUPANTS OF THE BUILDING.
11. THE PLANS AND SPECIFICATIONS ARE NOT INTENDED TO DEPICT EACH AND EVERY CONDITION OR DETAIL OF CONSTRUCTION. AS THE KNOWLEDGEABLE PARTY IN THE FIELD, THE CONTRACTOR SHALL VERIFY THAT ALL CONSTRUCTIONS COMPLIED IN A MANNER WHICH WILL PROVIDE A WATERTIGHT STRUCTURE.
12. ALL STRUCTURE ARE SUBJECT TO WEAR AND TEAR AND ENVIRONMENTAL AND MAN-MADE EXPOSURES. AS A RESULT, ALL STRUCTURES REQUIRE REGULAR AND FREQUENT MONITORING AND MAINTENANCE TO PREVENT DAMAGE AND DETERIORATION. SUCH MONITORING AND MAINTENANCE IS THE SOLE RESPONSIBILITY OF THE OWNER. THE DESIGN PROFESSIONAL SHALL HAVE NO RESPONSIBILITY FOR SUCH ISSUES OR RESULTING DAMAGES. IF ROUTINE INSPECTIONS AND MAINTENANCE OF THE PROJECT ARE NOT PROPERLY PERFORMED, DAMAGE (I.E. MOLD) TO THE STRUCTURES MAY OCCUR AND THE DESIGN PROFESSIONAL CANNOT BE HELD RESPONSIBLE FOR ANY RESULTANT DAMAGE.

FOUNDATION NOTES

1. FOUNDATIONS CONSIST OF SPREAD FOOTINGS, GRADE BEAMS, STRIP FOOTINGS UNDER BLOCK WALLS AND SLAB ON GRADE WHERE NECESSARY.
2. NO RESPONSIBILITY IS ASSUMED BY THE ARCHITECT OR ENGINEER FOR THE VALIDITY OF THE SUBSURFACE CONDITIONS DESCRIBED ON THE DRAWINGS, SPECIFICATIONS, TEST BORINGS OR TEST PITS AND SOIL REPORT. THIS DATA IS INCLUDED ONLY TO ASSIST THE CONTRACTOR DURING BIDDING AND SUBSEQUENT CONSTRUCTION AND REPRESENT CONDITIONS ONLY AT SPECIFIC LOCATIONS AT THE TIME THEY WERE MADE.
3. ALL EXISTING FOOTINGS AND FOUNDATIONS AS SHOWN ON THE DRAWINGS ARE INDICATIVE AND MAY NOT REPRESENT THE ACTUAL CONDITIONS OF THE STRUCTURE.
4. ALL NEW FOUNDATIONS ARE BEAR AT LEVEL EQUAL TO THE EXISTING BUILDING FOUNDATIONS. AS PER THE GEOTECHICAL SOILS REPORT, THIS LEVEL IS ESTIMATED TO BE 15'-0" BELOW EXISTING GRADE THE CONTRACTOR IS TO PROVIDE UNIT COSTS AND/OR CREDITS FOR ADDITIONAL EXCAVATION AND FOOTING DEPTH AS REQUIRED FOR FINAL CONSTRUCTION.
5. BUILDING FOUNDATIONS SHALL REST ON UNDISTURBED SOIL OR ROCK OF MINIMUM BEARING CAPACITY: 4000 PSF. ADEQUACY OF BEARING STRATUM SHALL BE VERIFIED IN THE FILED PRIOR TO POURING CONCRETE.
6. DO NOT PLACE BACKFILL AGAINST BASEMENT WALLS UNTIL ALL FLOORS BRACING THESE WALLS ARE IN PLACE.
7. PIERS AND FOOTING SHALL BE CENTERED ABOUT CENTERLINES OF PIERS, COLUMNS OR WALLS UNLESS ARE IN PLACE.
8. EXTERIOR CONSTRUCTION SHALL BE CARRIED DOWN BELOW FINISHED EXTERIOR GRADE TO A MINIMUM DEPTH OF 4'-0" UNLESS OTHERWISE INDICATED.
9. CARRY OUT CONTINUOUS CONTROL OF SURFACE AND SUBSURFACE WATER DURING CONSTRUCTION SO THE FOUNDATION WORK IS DONE ON DRY AND UNDISTURBED SUBGRADE MATERIAL AS APPLICABLE.

CONCRETE NOTES

1. THE STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE SPECIFICATIONS AND THE ARCHITECTURAL AND MECHANICAL DRAWINGS.
2. CONCRETE WORK SHALL CONFORM TO THE A.C.I. 318 LATEST EDITION AND THE BUILDING CODE OF THE CITY OF NEW YORK. IN CASE OF CONFLICT THE BUILDING CODE SHALL GOVERN. DESIGN IS IN ACCORDANCE WITH A.C.I. 318-17.
3. ALL STRUCTURAL CONCRETE SHALL BE CONTROLLED CONCRETE HAVING A MINIMUM ULTIMATE STRENGTH AT 28 DAYS AS LISTED BELOW FOR USE INDICATED:
   A. 3000 PSI STONE CONCRETE: FOR FOUNDATION, WALLS, PIERS, PILE CAPS, AND SLAB ON GRADE.
   B. 3000 PSI LT. WT. CONCRETE: FOR SLAB ON METAL DECK.
4. ALL BAR REINFORCING SHALL BE DEFORMED BARS OF NEW BILLET STEEL CONFORMING TO ASTM SPEC. A615 GRADE 60. WELDED WIRE MESH SHALL CONFORM TO ASTM SPEC. A185-90.
5. PROVIDE CLEARANCE FROM FACE OF CONCRETE TO REINFORCEMENT AS FOLLOWS:
   - SLAB 3/4" EXCEPT WWF 1"
   - BEAMS 1-1/2"
   - WALLS: 1-1/2" FOR #5 OR SMALLER BARS
   - COLUMNS: 1-1/2" CLEAR OVER TIES
6. SLABS AND BEAMS SHALL BE CAST MONOLITHICALLY EXCEPT WHERE OTHERWISE SHOWN AND SHALL BE FINISHED AS INDICATED IN THE SPECIFICATION.
7. CONSTRUCTION JOINTS SHALL BE PROVIDED AS INDICATED ON THE DRAWINGS, AND LOCATED IN CENTER OF BAY BETWEEN COLUMNS. FOR ADDITIONAL REINFORCING AT JOINTS, SEE DETAIL ON THIS DRAWING. LOCATION OF CONSTRUCTION JOINTS TO BE SUBMITTED FOR APPROVAL BY CONTRACTOR TO THE ENGINEER.

MASONRY WALL NOTES

1. CONCRETE BLOCK SHALL CONFORM TO ASTM C145 GRADE N-1 F'C=1500 PSI.
2. BLOCK WORK WALLS CONSIST OF 12" HOLLOW REINFORCED BLOCK BELOW GRADE AND 8" HOLLOW REINFORCED BLOCK ABOVE GRADE UNLESS OTHERWISE NOTED ON THE DRAWINGS.
3. ALL UNITS SHALL BE PLACED IN RUNNING BOND.
4. MORTAR SHALL CONFORM TO ASTM C270 TYPE M BELOW GRADE AND TYPE S ABOVE GRADE.
5. DO NOT BACKFILL AGAINST FOUNDATION WALLS UNTIL MORTAR HAS ATTAINED MAXIMUM STRENGTH WHERE BACKFILL IS PLACED AGAINST FOUNDATION WALLS BEFORE FLOOR CONSTRUCTION IS IN PLACE PROVIDE TEMPORARY BRACING.
6. THE FIRST BLOCK COURSE ON FOOTING SHOULD BE FILLED SOLID WITH CONCRETE.
7. EXPOSED EXTERNAL WALL EDGES SHALL BE REINFORCED AND SOLID FOR A MINIMUM OF TWO BLOCK LENGTHS OR 32".
8. CONCRETE BLOCK BELOW BEAM BEARING POINTS SHALL BE FILLED SOLID WITH CONCRETE FOR A MINIMUM OF TWO COURSES IN DEPTH AND FOR A WIDTH OF 24".
9. PLACE DUROWALL ON EVERY OTHER COURSE.
10. ALL BLOCK WORK BELOW GRADE IS TO HAVE ALL VOIDS FILLED SOLID WITH CONCRETE.

FROST PROTECTION:

ALL MASONRY SHALL BE PROTECTED AGAINST FREEZING FOR NOT LESS THAN FORTY-EIGHT (48) HOURS AFTER INSTALLATION; AND SHALL NOT BE CONSTRUCTED BELOW TWENTY -EIGHT (28) DEGREES F. DURING RISING TEMPERATURES OR BELOW THIRTY SIX (36) DEGREE F. DURING FALLING TEMPERATURES, WITHOUT TEMPORARY HEATED ENCLOSURES OR WITHOUT HEATING MATERIALS OR OTHER PRECAUTIONS NECESSARY TO PREVENT FREEZING. FROZEN MATERIALS SHALL NOT BE USED, NOR SHALL FROZEN MASONRY BUILT UPON.

BONDING:

MASONRY WALLS AND PARTITIONS SHALL BE SECURELY ANCHORED OR BONDED AT POINTS WHERE THEY INTERSECT BY ONE OF THE FOLLOWING METHODS: WALLS MAY BE BONDED BY LAYING AT LEAST FIFTY (50) PERCENT OF THE UNITS AT THE INTERSECTION IN TRUE MASONRY BOND WITH ALTERNATE UNITS HAVING A BEARING OF NOT LESS THAN EIGHT (8) INCHES UPON THE UNIT BELOW, OR THEY MAY BE ANCHORED WITH NOT LESS THAN THREE-SIXTEENTH (3/16) INCH CORROSION-RESISTANT METAL WIRE TIE JOINT REINFORCEMENT AT VERTICAL INTERVALS NOT TO EXCEED 16 INCHES, OR BY OTHER EQUIVALENT APPROVED ANCHORAGE.

BEARING:

BEAM, GIRDER AND OTHER CONCENTRATED LOADS SHALL BE PROVIDED WITH A BEARING OF SOLID MASONRY OR HOLLOW UNIT MASONRY FILLED SOLID WITH MINIMUM 2500 PSI COMPRESSIVE STRENGTH CONCRETE FULL HEIGHT OF WALL OR PIER.

BRICK VENEER:

PROVIDE UNIFORMLY SIZED UNITS COMPLYING WITH A.S.T.M. C216, GRADE SW TYPE FBS. PROVIDE LIME/CEMENT MORTAR CONFORMING TO A.S.T.M. C270, TYPE S. INSTALL GALVANIZED ANCHORS AT 16" O.C. EACH WAY WITH CADMIUM PLATED SCREWS. INSTALL FLASHING ("NERVASTRAL 11.D") AS SHOWN.

DRYWALL NOTES

1. GYPSUM WALLBOARD SHALL BE U.L. RATED FOR FIRE RESISTANCE AND CONSTRUCTED PER ASTM C-36, TYPE III, CLASS 1, STYLE 3, TAPER-EDGED AND OF THE GRADE AND FORM HEREINAFTER SPECIFIED.
2. STUDS SHALL BE 22 GAUGE METAL STUDS, CHANNEL-SHAPED HAVING NOT LESS THAN 1-1/4 INCH WIDE FLANGES.
3. STUDS SHALL BE REINFORCED WITH 2X'S WOOD CUT TO FIT STUDS AT LOCATIONS WHERE HEAVY ELECTRICAL PANELS AND SWITCHES ARE TO BE MOUNTED.
4. STUD TRACKS SHALL BE 25 GAGE METAL CHANNEL-SHAPED SIZED TO RECEIVE THE METAL STUDS, IN NOT LESS THAN 10 FOOT LENGTHS.
5. JOINT TAPE SHALL BE FIBER TYPE. TAPE AND JOINT CEMENT SHALL BE AS RECOMMENDED BY THE WALLBOARD MANUFACTURER.
6. INSULATION SHALL BE AN EFFECTIVE NOISE BARRIER, R-11, 3-1/2" THICK AND IT SHALL COMPLY WITH ASTMC665, TYPE 1 AND ASTM E119.
7. ATTACH STUD TRACK TO BUILDING CEILING/ROOF BY R.E. APPROVED METHODS. ATTACH STUD TRACK TO FLOOR WITH POWER ACTUATED ANCHORS SPACED 24" CENTER TO CENTER. RUN TRACK CONTINUOUS WALL TO WALL.
8. INSTALL METAL STUDS AS PER PROJECT DRAWINGS AND ATTACH TO TRACK WITH TWO - #8 PHILIPS PAN HEAD STSM SCREWS, ONE ON TOP AND ONE ON BOTTOM. PLACE ONE STUD AGAINST EACH WALL.
9. INSTALL INSULATION ACCORDING TO MANUFACTURER'S INSTRUCTIONS. INSULATION NEED ONLY BE INSTALLED IN WALL BETWEEN E/G ROOM AND EQUIPMENT ROOM, AND AS SHOWN ON THE DRAWINGS.
10. INSTALL GYPSUM WALL BOARD, AS PER PROJECT DRAWINGS. THE FIRST LAYER SHALL BE ATTACHED WITH 1"- LONG #6 BUGLE HEAD PHILIPS STEEL SCREWS, 8" ON CENTER AROUND PERIMETER AND 12" ON CENTER ON INTERMEDIATE STUDS. THE SECOND LAYER SHALL BE APPLIED WITH VERTICAL JOINTS OFFSET. SPACE ONE STUD FROM FIRST LAYER USING 1-5/8" LONG #6 BUGLE HEAD PHILIPS STEEL SCREWS SPACED 9" ON CENTER ALONG VERTICAL JOINTS, 12" ON CENTER AT INTERMEDIATE STUDS AND 24" ON CENTER ALONG TOP AND BOTTOM TRACKS. TRIM SHALL BE PLACED ON EDGES AT CEILING AND METAL CORNER/CASING BEADS AT WALLS (BOTH SIDES). COVE BASE SHALL BE INSTALLED ON BOTH SIDES OF THE WALL AT THE FLOOR.
11. THE SPACES BETWEEN THE TOP OF THE CEILING RUNNER AND THE METAL ROOF DECK SHALL BE FILLED WITH 4 LAYERS OF NEATLY CUT AND FITTED GYPSUM BOARD AND CEMENTED.
12. THE SPACE BETWEEN THE ENDS OF THE GYPSUM WALL AND THE METAL WALLS, AND ABOVE THE FLOOR SHALL BE CAULKED.
13. TAPING AND CEMENTING: ALL DEPRESSIONS AROUND SCREWS SHALL BE FILLED WITH JOINT CEMENT AND SANDED SMOOTH. ALL JOINTS SHALL BE COVERED WITH FIBER TAPE AND CEMENT. ALL PATCHED AREAS AND JOINTS SHALL BE SANDED SMOOTH.

STORE FRONT NOTES

1. NO WORK BEYOND THE BUILDING LINE.
2. DOORS DO NOT EXTEND MORE THAN 18" BEYOND THE BUILDING LINE.
3. ANY SIGNS SHALL BE FILED BY OTHERS.
4. COMPLETE SEPARATION MUST BE MAINTAINED BETWEEN FIRST STORY AND CELLAR BELOW BY A CONTINUOUS FIRE RETARDING UP TO BUILDING LINE.
5. MINIMUM LIVE LOAD FOR SHOW WINDOW PLATFORMS SHALL BE 60 PSF.
6. ALL GLASS SHALL BE EITHER 1/4" POLISHED GLASS OR AS MARKED ON PLANS AND ALL AS PER N.Y.C. BUILDING CODE.
7. VENEERING TO BE IN ACCORDANCE WITH RULE #2 ON EXTERIOR VENEERING MATERIALS BY THE BSA RULES 465-44 SR.
8. CONSTRUCTION EQ. (PLYWOOD) CAN NOT PROJECT MOVE THAN 3'-0" BEYOND PROPERTY LINE.

CARPENTRY NOTES

1. (A) NO SHEET ROCK TO BE INSTALLED UNTIL ARCHITECT IS NOTIFIED. NOTIFY ARCHITECT AT LEAST 3 DAYS PRIOR TO INSTALLATION OF ANY SHEET ROCK OR INSULATION.
   (B) LUMBER AND TIMBER AS PER NLMA 1962, NATIONAL DESIGN SPECIFICATION FOR STRESS-GRADE LUMBER AND ITS FASTENERS AND MODIFIED BY CODE.
   (C) PLYWOOD SHALL COMPLY WITH APA 1966, PLYWOOD DESIGN SPECIFICATION.
2. ALL WOOD USED FOR STRUCTURAL ELEMENTS SHALL BE IDENTIFIED AS TO GRADE MARK AND SHALL BEAR AND IDENTIFYING MARK OF APPROVED GRADING BUREAU AND AGENCY, AFFIXED PRIOR DELIVERY.
3. WOOD JOIST, UNLESS OTHERWISE SHOWN ON PLANS SHALL BE ONE OF THE FOLLOWING SPECIES:
   (A) DOUGLAS FIR, COAST REGION, CONSTRUCTION GRADE F'=1500 HEM ROCK, WEST COAST, CONSTRUCTION GRADE F'=1500
   (B) ALL NEW WOOD STUD PARTITIONS, WHERE SHOWN. ARE TO #2 COMMON W.C. HEM ROCK OR D.FIR(F'=1200#), STANDARD(INTERIOR PARTITIONS.)
   (C) ALL NEW PARTITIONS TO COMPLY WITH BUILDING DEPARTMENT REQUIREMENT. (D) NEW PARTITION THAT MEET EXISTING WORK ARE TO PLACED SO AS TO BE FINISHED FLUSH WITH EXISTING FINISH.
4. END OF WOOD BEAMS, JOISTS AND RAFTERS RESTING ON MASONRY OR CONCRETE WALL SHALL BE FIRE CUT TO A LEVEL OF 3 INCHES IN THEIR DEPTH.
5. PROVIDE MIN.1/2" AIR SPACE TOP, SIDE AND END OF WOOD GIRDERS ENTERING MASONRY OF CONCRETE WALLS.
6. CROSS BRIDGING FOR JOIST TO BE WOOD (C-D FIR,1 1/2"X3") IN ROWS NOT MORE THAN 8'-0" ON CENTER BETWEEN JOISTS AND AT SUPPORTS OR EQUIVALENT METAL BRIDGING POINT.
7. DOUBLE UP FLOOR JOIST UNDER PARTITIONS RUNNING PARALLEL TO JOINTS.
8. ANCHOR MASONRY WALL TO EACH TO TIER OF JOIST WITH 1/4"X1 1/2"W.1. SHARP "T" ANCHOR AS FOLLOWS;
   (A) WOOD JOIST BEARING ON MASONRY WALL SHALL BE SECURELY ANCHORED WITH 1/4"X1 1/2"X 16" LONG W.I. SHARP "T" ANCHORS, 4'-0" O.C.
   (B) MASONRY WALL THAT ARE PARALLEL TO JOIST SHALL BE ANCHORED WITH 1/4"X1 1/2"X 44" LONG MIN.W.I. STRAP "T" ANCHORS,6'-0"O.C. SECURED ANCHORED(SPICKED) TO THREE JOIST MIN.,PER SEC.8.4.1.4.OF B.C.
   (C) ALL JOIST TO BEAR ON 75% SOLID LOAD BEARING BLOCK WALLS WITH THE VOID FILLED IN THE SOLID IN THE TOP(BEARING COURSE) OF BLOCK.
9. PROVIDE DOUBLE HEADERS AND TRIMMERS AROUND ALL STAIR OPENINGS, "SKY DOME" OPENINGS, AND OTHER OPENINGS MORE THAN 16" WIDE.
10. PROVIDE DOUBLE STRAP ANCHORS MAX. 4'-0" O.C. TO STIFFEN TO TOP OF STEEL FLANGE WHERE JOISTS ARE SUPPORTED ON STEEL BEAMS.
11. WOOD JOIST TO HAVE A MIN. 4" BEARING UNLESS OTHERWISE INDICATED.
12. ALL INTERIOR STUD PARTITIONS TO BE OF 2"X4", 16" O.C. COVERED WITH 1/2" SHEET ROCK, UNLESS OTHERWISE INDICATED. SECTION III.5 IV.1.
13. ALL WOOD FRAMING AROUND BOILER FLUE TO BE KEPT 4' CLEAR.
14. ALL TALL WOOD JOIST JOISTS TO BE HUNG IN BRIDGER IRONS.
15. MASONRY WALL TO BE FURRED WITH 1"X2", 16" O.C.
16. FRAME OUT OPENING TO BE REFLECTIVE A RECESSED MEDICINE CABINET IN BATHROOM.
17. FRAME CONSTRUCTION TO BE MIN. OF 8" ABOVE ADJACENT GRADES.
18. PROVIDE FLASHING AT HEADS AND SILLS OF ALL WINDOWS AND EXTERIOR DOOR OPENINGS.
19. INTERIOR FINISH : MATERIAL SHALL BE CLASSIFIED IN ACCORDANCE WITH THE SURFACE FRAME-SPREAD RATING OBTAINED AS PRESCRIBED IN ASTM 84-1961 " STANDARD METHODS OF TEST FOR SURFACE BURNING CHARACTERISTICS OF BUILDING MATERIALS. " INTERIOR FINISH SHALL BE GROUPED IN THE FOLLOWING CLASSES:

INTERIOR FINISH CLASS	FLAME SPREAD RATING
A	0 - 25
B	26 - 75
C	76 - 225
D	OVER - 225

20. INTERIOR FINISH, EXCEPT FINISH FLOORING AND FLOOR COVERING, WALL COVERING AND COATINGS LESS THAN 0.036 INCH TOTAL THICKNESS, SHALL HAVE FLAME SPREAD RATING NOT GREATER THAN THAT OF THE FOLLOWING INTERIOR FINISH CLASS;

EXIT AND SHAFTS	B
CORRIDORS	D
ROOMS	D

INTERIOR METAL STUD GYPSUM WALL NOTES

1. GYPSUM BOARD WALL IS PROVIDED IN THE THICKNESS SPECIFIED ON THE PLANS. GYPSUM BOARD WALL SHALL COMPLY ASTM C36.
2. GYPSUM BOARD WALL SHALL BE FASTENED TO METAL STUDS VERTICALLY WITH NO. 6 SCREWS WITH TAPED HEAD. SCREWS ARE TO PENETRATE FRAMING NOT LESS THAN 1/4" MAXIMUM SPACING OF SCREWS SHALL BE 12" FOR 5/8" GYPSUM BOARD.
3. STEEL SCREWS TO COMPLY WITH ASTM C 1002 AND C965.
4. JOINTS REINFORCING TAPE AND COMPOUND SHALL CONFORM TO ASTM C474, C475.
5. METAL STUDS ARE TO BE NON LOAD BEARING SUPPLIED IN THE THICKNESS SPECIFIED ON THE PLANS. THEY ARE TO COMPLY WITH ASTM C645. CONTRACTOR IS TO SUPPLY TOP AND BOTTOM TRACK RUNNERS.
6. HEIGHT SPACING LIMITATIONS FOR ONE LAYER OF GYPSUM BOARD AS FOLLOWS.
   25 GAUGE 2 1/2" THICKNESS 16" O.C. = 10'-9"
   25 GAUGE 2 1/2" THICKNESS 24" O.C. = 9'-6"
   25 GAUGE 3 5/8" THICKNESS 16" O.C. = 14'-9"
   25 GAUGE 3 5/8" THICKNESS 24" O.C. = 12'-3"
7. STEEL FRAMING SHALL BE INSTALLED IN ACCORDANCE WITH ASTM C754 AND C1007.
8. WHEN THE PLANS INDICATED A FIRE RATED PARTITION, THE FIRE PARTITION IS TO BE CONSTRUCTED IN ACCORDANCE WITH UNDER BUILDING CODES.
9. WHEN SPECIFIED ON THE PLANS SOUND ATTENUATING INSULATION IS TO FILL THE ENTIRE WALL CAVITIES ARE TO HAVE ASTC RATING OF 50. 2-1/2" WALL CAVITIES ARE TO HAVE ASTC RATING OF 47. A SILICONE BEAD IS TO PENETRATIONS AND TO SEAL THE WALL TO THE FLOOR, THE WALL TO THE CEILING AND THE WALL TO THE STRUCTURAL DECK ABOVE.
10. ALL GYPSUM BOARD WALL SURFACES ARE TO BE TAPED, STAGGERED A SMOOTH FINISH AND ARE TO BE MADE READY TO RECIEVE THE SPECIFIED WALL FINISH.

DRAWING LIST

NO	DWG NO	DRAWING TITLE	REMARKS
1	Z-001.00	PLOT PLAN, MAPS & ZONING ANALYSIS	
2	G-001.00	NOTES & DRAWING LIST	
3	EN-001.00	COMCHECK	
4	EN-002.00	COMCHECK, PROGRESS INSPECTIONS & THERMAL BOUNDARY DIAGRAM	
5	A-101.00	SUB CELLAR FLOOR PLAN	
6	A-102.00	CELLAR FLOOR PLAN	
7	A-103.00	FIRST FLOOR PLAN	
8	A-104.00	SECOND FLOOR PLAN	
9	A-105.00	THIRD FLOOR PLAN	
10	A-106.00	ROOF FLOOR PLAN	
11	A-201.00	FRONT ELEVATION	
12	A-202.00	RIGHT SIDE ELEVATION	
13	A-203.00	REAR ELEVATION	
14	A-301.00	BUILDING SECTION 'A'	
15	A-302.00	BUILDING SECTION 'B'	
16	A-303.00	BUILDING SECTION 'C'	
17	A-401.00	SUB CELLAR REFLECTED CEILING PLAN	
18	A-402.00	CELLAR REFLECTED CEILING PLAN	
19	A-403.00	FIRST FLOOR REFLECTED CEILING PLAN	
20	A-404.00	SECOND FLOOR REFLECTED CEILING PLAN	
21	A-405.00	THIRD FLOOR REFLECTED CEILING PLAN	
22	A-406.00	ROOF FLOOR REFLECTED CEILING PLAN	
23	A-501.00	DETAILS	
24	A-502.00	DETAILS	
25	A-601.00	SCHEDULES, HANDICAP DIAGRAM & DETAILS	
26	F-001.00	SUB CELLAR FOUNDATION PLAN & DETAIL & WALL SECTION	
27	F-002.00	CELLAR FLOOR FRAMING PLAN & WALL SECTIONS	
28	S-001.00	FIRST FLOOR FRAMING PLAN	
29	S-002.00	SECOND FLOOR FRAMING PLAN	
30	S-003.00	THIRD FLOOR FRAMING PLAN	
31	S-004.00	ROOF FLOOR FRAMING PLAN	
32	S-005.00	DETAILS	
33	S-006.00	DETAILS	
34	M-001.00	NOTES	
35	M-101.00	SUB CELLAR & CELLAR FLOOR MECHANICAL PLANS	
36	M-102.00	FIRST & SECOND FLOOR MECHANICAL PLANS	
37	M-103.00	THIRD & ROOF FLOOR MECHANICAL PLANS	
38	M-201.00	DETAILS	
39	M-202.00	ROOFTOP HVAC UNITS	
40	M-203.00	DUCT-FREE HVAC SYSTEM & FAN	
41	E-101.00	SUB CELLAR & CELLAR FLOOR ELECTRICAL PLANS	
42	E-102.00	FIRST & SECOND FLOOR ELECTRICAL PLANS	
43	E-103.00	THIRD & ROOF FLOOR ELECTRICAL PLANS	
44	E-104.00	FIRST FLOOR ELECTRICAL PLAN (EXTERIOR ONLY)	
45	P-101.00	SUB CELLAR & CELLAR FLOOR PLUMBING PLANS	
46	P-102.00	FIRST & SECOND FLOOR PLUMBING PLANS	
47	P-103.00	THIRD & ROOF FLOOR PLUMBING PLANS	
48	P-201.00	SANITARY RISER & FLOW DIAGRAM	
49	P-202.00	DOMESTIC COLD & HOT WATER RISER & FLOW DIAGRAM	
50	P-203.00	STORM WATER & GAS RISER & FLOW DIAGRAMS	
51	P-301.00	DETAILS	
52	SP-101.00	SUB CELLAR & CELLAR FLOOR FIRE SPRINKLER PLANS & DETAIL	
53	SP-102.00	FIRST & SECOND FLOOR FIRE SPRINKLER PLANS	
54	SP-103.00	THIRD & ROOF FLOOR FIRE SPRINKLER PLANS	

TL ENGINEERING P.C.
Architect & P.E. Group

163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

211-02 NORTHERN BLVD.
QUEENS, NY 11361

Drawing Title:

NOTES & DRAWING LIST

Application No.:

Seal & Signature

Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: G-001.00
Sheet No.: 2 OF 54

COMcheck Software Version 3.9.4

Envelope Compliance Certificate

2010 New York Energy Conservation Construction Code

Section 1: Project Information

Project Type: **New Construction**
Project Title : 211-04 Northern Blvd

Construction Site:	Owner/Agent:	Designer/Contractor:
2110-04 Northern Boulevard Queens, NY 11361	211 St. LLC 43-01 37th Street Long Island City, NY 11101 (718) 392-0111	TL Engineering P.C. 163-07 Depot Road Queens, NY 11358 (718) 353-8137

Section 2: General Information

Building Location (for weather data):	**Queens, New York**
Climate Zone:	**4a**
Building Space Conditioning Type(s):	**Nonresidential**
Vertical Glazing / Wall Area Rat.:	**35%**

Activity Type(s)	Floor Area
1ST FL (Retail)	7304
2ND FL (Office)	7500
3RD FL (Healthcare-Clinic)	5075
Cellar (Parking Garage)	9444
Sub Cellar (Parking Garage)	9444

Section 3: Requirements Checklist

Envelope PASSES: Design 0.1% better than code.

Climate-Specific Requirements:

Component Name/Description	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor(a)	
Roof (Bulkhead 01): Other Roof (b)	507	---	---	0.025	0.027	A-301,302,303
Roof (Bulkhead 02): Other Roof (b)	196	---	---	0.025	0.027	A-301,302,303
Roof (3rd): Other Roof (b)	4446	---	---	0.025	0.027	A-301,302,303
Roof (2nd): Other Roof (b)	2425	---	---	0.025	0.027	A-301,302,303
Exterior Wall (BH 01): Concrete Block:8", Solid Grouted,Light Density , Furring: None	821	---	13.0	0.085	0.104	A-303
Door: Insulated Metal, Swinging	20	---	---	0.091	0.700	A-601
Exterior Wall (BH 02) East: Concrete Block:8", Solid Grouted,Light Density , Furring: Metal	173	13.0	13.0	0.049	0.104	A-106,501
Exterior Wall (BH 02): Other Exterior Wall, Heat capacity 12.0 (b)	356	---	---	0.208	0.089	A-106
Door: Insulated Metal, Swinging	20	---	---	0.091	0.700	A-601
Exterior Wall (East): Concrete Block:8", Solid Grouted,Light Density , Furring: Metal	3030	13.0	13.0	0.049	0.104	A-501
Exterior Wall (1st North & West): Steel-Framed, 16" o.c.	2812	21.0	13.0	0.045	0.064	A-301
Window: Metal Frame with Thermal Break, Perf. Type: Energy code default, Double Pane with Low-E, Tinted , SHGC 0.60, PF 0.13	1749	---	---	0.650	0.550	A-601
Exterior Wall (1st South): Concrete Block:8", Solid Grouted,Light Density , Furring: Metal	1600	13.0	13.0	0.049	0.104	A-501
Window: Metal Frame with Thermal Break, Perf. Type: Energy code default, Double Pane with Low-E, Tinted , SHGC 0.60, PF 0.04	152	---	---	0.650	0.550	A-601

Door: Insulated Metal, Swinging	100	---	---	0.091	0.700	A-601
Exterior Wall (2nd): Steel-Framed, 16" o.c.	3309	21.0	13.0	0.045	0.064	A-301
Window: Metal Frame with Thermal Break, Perf. Type: Energy code default, Double Pane with Low-E, Tinted , SHGC 0.60, PF 0.04	1776	---	---	0.650	0.550	A-601
Exterior Wall (3rd): Steel-Framed, 16" o.c.	3018	21.0	13.0	0.045	0.064	A-301
Window: Metal Frame with Thermal Break, Perf. Type: Energy code default, Double Pane with Low-E, Tinted , SHGC 0.60, PF 0.04	1622	---	---	0.650	0.550	A-601
Floor: Concrete Floor (over unconditioned space)	7500	---	24.0	0.037	0.087	A-301

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.
(b) 'Other' components require supporting documentation for proposed U-factors.

Air Leakage, Component Certification, and Vapor Retarder Requirements:

1. All joints and penetrations are caulked, gasketed or covered with a moisture vapor-permeable wrapping material installed in accordance with the manufacturer's installation instructions.
2. Windows, doors, and skylights certified as meeting leakage requirements.
3. Component R-values & U-factors labeled as certified.
4. No roof insulation is installed on a suspended ceiling with removable ceiling panels.
5. 'Other' components have supporting documentation for proposed U-Factors.
6. Insulation installed according to manufacturer's instructions, in substantial contact with the surface being insulated, and in a manner that achieves the rated R-value without compressing the insulation.
7. Stair, elevator shaft vents, and other outdoor air intake and exhaust openings in the building envelope are equipped with motorized dampers.
8. Cargo doors and loading dock doors are weather sealed.
9. Recessed lighting fixtures installed in the building envelope are Type IC rated as meeting ASTM E283, are sealed with gasket or caulk.
10. Building entrance doors have a vestibule equipped with self-closing devices.

Exceptions:

- ☐ Building entrances with revolving doors.
- ☑ Doors not intended to be used as a building entrance.
- ☑ Doors that open directly from a space less than 3000 sq. ft. in area.
- ☑ Doors used primarily to facilitate vehicular movement or materials handling and adjacent personnel doors.
- ☐ Doors opening directly from a sleeping/dwelling unit.

Section 4: Compliance Statement

Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications and other calculations submitted with this permit application. The proposed envelope system has been designed to meet the 2010 New York Energy Conservation Construction Code requirements in *COMcheck* Version 3.9.4 and to comply with the mandatory requirements in the Requirements Checklist.

When a Registered Design Professional has stamped and signed this page, they are attesting that to the best of his/her knowledge, belief, and professional judgment, such plans or specifications are in compliance with this Code.

Name - Title Signature Date

COMcheck Software Version 3.9.4

Interior Lighting Compliance Certificate

2010 New York Energy Conservation Construction Code

Section 1: Project Information

Project Type: **New Construction**
Project Title : 211-04 Northern Blvd

Construction Site:	Owner/Agent:	Designer/Contractor:
2110-04 Northern Boulevard Queens, NY 11361	211 St. LLC 43-01 37th Street Long Island City, NY 11101 (718) 392-0111	TL Engineering P.C. 163-07 Depot Road Queens, NY 11358 (718) 353-8137

Section 2: Interior Lighting and Power Calculation

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts (B x C)
1ST FL (Retail)	7304	1.5	10956
2ND FL (Office)	7500	1	7500
3RD FL (Healthcare-Clinic)	5075	1	5075
Cellar (Parking Garage)	9444	0.3	2833
Sub Cellar (Parking Garage)	9444	0.3	2833
		Total Allowed Watts =	29197

Section 3: Interior Lighting Fixture Schedule

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)	
1ST FL (Retail 7304 sq.ft.)					
Linear Fluorescent: Type D: 2x4 Recessed: 48" T8 32W (Super T8): Electronic:	3	79	81	6399	E-101,102,103
Linear Fluorescent: Type E: 2x2 Recessed: 48" T8 32W (Super T8): Electronic:	2	4	61	244	
Linear Fluorescent: Type B: 4' Surface Mounted: 48" T8 28W (Super T8): Electronic:	2	2	48	96	
Linear Fluorescent: Type C: 2' Surface Mounted: 24" T8 17W: Electronic:	2	2	36	72	
Compact Fluorescent: Type F: Recessed Down: Triple 4-pin 26W: Electronic:	1	5	28	140	
2ND FL (Office 7500 sq.ft.)					
Linear Fluorescent: Type D: 2x4 Recessed: 48" T8 32W (Super T8): Electronic:	3	53	81	4293	
Linear Fluorescent: Type E: 2x2 Recessed: 48" T8 32W (Super T8): Electronic:	2	4	61	244	
Linear Fluorescent: Type B: 4' Surface Mounted: 48" T8 28W (Super T8): Electronic:	2	4	48	192	
Compact Fluorescent: Type F: Recessed Down: Triple 4-pin 26W: Electronic:	1	5	28	140	
3RD FL (Healthcare-Clinic 5075 sq.ft.)					
Linear Fluorescent: Type D: 2x4 Recessed: 48" T8 32W (Super T8): Electronic:	3	30	81	2430	
Linear Fluorescent: Type E: 2x2 Recessed: 48" T8 32W (Super T8): Electronic:	2	2	61	122	
Linear Fluorescent: Type B: 4' Surface Mounted: 48" T8 28W (Super T8): Electronic:	2	4	48	192	
Linear Fluorescent: Type C: 2' Surface Mounted: 24" T8 17W: Electronic:	2	1	36	36	
Compact Fluorescent: Type F: Recessed Down: Triple 4-pin 26W: Electronic:	1	5	28	140	
Cellar (Parking Garage 9444 sq.ft.)					
Linear Fluorescent: Type A: 8' Surface Mounted: 48" T8 28W (Super T8): Electronic:	4	20	96	1920	
Linear Fluorescent: Type B: 4' Surface Mounted: 48" T8 28W (Super T8): Electronic:	2	6	48	288	
Linear Fluorescent: Type C: 2' Surface Mounted: 24" T8 17W: Electronic:	2	1	36	36	
Sub Cellar (Parking Garage 9444 sq.ft.)					
Linear Fluorescent: Type A: 8' Surface Mounted: 48" T8 28W (Super T8): Electronic:	4	21	96	2016	

Linear Fluorescent: Type B: 4' Surface Mounted: 48" T8 28W (Super T8): Electronic:	2	7	48	336
Linear Fluorescent: Type C: 2' Surface Mounted: 24" T8 17W: Electronic:	2	2	36	72
			Total Proposed Watts =	19408

Section 4: Requirements Checklist

Interior Lighting PASSES: Design 34% better than code.

Lighting Wattage:

☑ 1. Total proposed watts must be less than or equal to total allowed watts.

Allowed Watts	Proposed Watts	Complies
29197	19408	YES

Controls, Switching, and Wiring:

☑ 2. Daylight zones under skylights more than 15 feet from the perimeter have lighting controls separate from daylight zones adjacent to vertical fenestration.
☑ 3. Daylight zones have individual lighting controls independent from that of the general area lighting.

Exceptions:

- ☐ Contiguous daylight zones spanning no more than two orientations are allowed to be controlled by a single controlling device.
- ☐ Daylight spaces enclosed by walls or ceiling height partitions and containing two or fewer light fixtures are not required to have a separate switch for general area lighting.

☑ 4. Independent controls for each space (switch/occupancy sensor).

Exceptions:

- ☑ Areas designated as security or emergency areas that must be continuously illuminated.
- ☑ Lighting in stairways or corridors that are elements of the means of egress.

☐ 5. Master switch at entry to hotel/motel guest room.
☐ 6. Individual dwelling units separately metered.
☐ 7. Medical task lighting or art/history display lighting claimed to be exempt from compliance has a control device independent of the control of the nonexempt lighting.
☑ 8. Each space required to have a manual control also allows for reducing the connected lighting load by at least 50 percent by either controlling all luminaires, dual switching of alternate rows of luminaires, alternate luminaires, or alternate lamps, switching the middle lamp luminaires independently of other lamps, or switching each luminaire or each lamp.

Exceptions:

- ☑ Only one luminaire in space.
- ☐ An occupant-sensing device controls the area.
- ☐ The area is a corridor, storeroom, restroom, public lobby or sleeping unit.
- ☑ Areas that use less than 0.6 Watts/sq.ft.

☑ 9. Automatic lighting shutoff control in buildings larger than 5,000 sq.ft.

Exceptions:

- ☐ Sleeping units, patient care areas; and spaces where automatic shutoff would endanger safety or security.

☑ 10. Photocell/astronomical time switch on exterior lights.

Exceptions:

- ☐ Lighting intended for 24 hour use.

☑ 11. Tandem wired one-lamp and three-lamp ballasted luminaires (No single-lamp ballasts).

Exceptions:

- ☑ Electronic high-frequency ballasts; Luminaires on emergency circuits or with no available pair.

Section 5: Compliance Statement

Compliance Statement: The proposed lighting design represented in this document is consistent with the building plans, specifications and other calculations submitted with this permit application. The proposed lighting system has been designed to meet the 2010 New York Energy Conservation Construction Code requirements in *COMcheck* Version 3.9.4 and to comply with the mandatory requirements in the Requirements Checklist.

Name - Title Signature Date

COMcheck Software Version 3.9.4

Exterior Lighting Compliance Certificate

2010 New York Energy Conservation Construction Code

Section 1: Project Information

Project Type: **New Construction**
Project Title : 211-04 Northern Blvd
Exterior Lighting Zone: **2 (Neighborhood business district)**

Construction Site:	Owner/Agent:	Designer/Contractor:
2110-04 Northern Boulevard Queens, NY 11361	211 St. LLC 43-01 37th Street Long Island City, NY 11101 (718) 392-0111	TL Engineering P.C. 163-07 Depot Road Queens, NY 11358 (718) 353-8137

Section 2: Exterior Lighting Area/Surface Power Calculation

A Exterior Area/Surface	B Quantity	C Allowed Watts / Unit	D Tradable Wattage	E Allowed Watts (B x C)	F Proposed Watts
Driveway	2018 ft2	0.06	Yes	121	434
Parking area	479 ft2	0.06	Yes	29	54
Walkway >= 10 feet wide	2839 ft2	0.14	Yes	397	0
Main entry	6 ft of door width	20	Yes	120	0
Other door (not main entry)	51 ft of door width	20	Yes	1020	0
Illuminated length of facade wall or surface	104 ft	2.5	No	260	855
			Total Tradable Watts* =	1867	488
			Total Allowed Watts =	1947	
			Total Allowed Supplemental Watts** =	600	

* Wattage tradeoffs are only allowed between tradable areas/surfaces.
** A supplemental allowance equal to 600 watts may be applied toward compliance of both non-tradable and tradable areas/surfaces.

Section 3: Exterior Lighting Fixture Schedule

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)	
Driveway (2018 ft2): Tradable Wattage					
LED: Type J: Area Exterior: LED Roadway-Parking Unit 54W:	2	1	54	54	E-104
HID: Type I: Wall Mounted: High-Pressure Sodium: Standard:	1	4	95	380	
Parking area (479 ft2): Tradable Wattage					
LED: Type J: Area Exterior: LED Roadway-Parking Unit 54W:	2	1	54	54	
Walkway >= 10 feet wide (2839 ft2): Tradable Wattage					
Main entry (6 ft of door width): Tradable Wattage					
Other door (not main entry) (51 ft of door width): Tradable Wattage					
Illuminated length of facade wall or surface (104 ft): Non-tradable Wattage					
HID: Type I: Wall Mounted Exterior: High-Pressure Sodium: Standard:	1	9	95	855	
			Total Tradable Proposed Watts =	488	

Section 4: Requirements Checklist

Lighting Wattage:

☑ 1. Within each non-tradable area/surface, total proposed watts must be less than or equal to total allowed watts. Across all tradable areas/surfaces, total proposed watts must be less than or equal to total allowed watts.
Compliance: Passes using supplemental allowance watts.

Controls, Switching, and Wiring:

☐ 2. All exemption claims are associated with fixtures that have a control device independent of the control of the nonexempt lighting.
☐ 3. Lighting not designated for dusk-to-dawn operation is controlled by either a a photosensor (with time switch), or an astronomical time switch.
☑ 4. Lighting designated for dusk-to-dawn operation is controlled by an astronomical time switch or photosensor.
☑ 5. All time switches are capable of retaining programming and the time setting during loss of power for a period of at least 10 hours.

Exterior Lighting Efficacy:

☑ 6. All exterior building grounds luminaires that operate at greater than 100W have minimum efficacy of 60 lumen/watt.

Exceptions:

- ☐ Lighting that has been claimed as exempt and is identified as such in Section 3 table above.
- ☐ Lighting that is specifically designated as required by a health or life safety statue, ordinance, or regulation.
- ☐ Emergency lighting that is automatically off during normal building operation.
- ☐ Lighting that is controlled by motion sensor.

Section 5: Compliance Statement

Compliance Statement: The proposed exterior lighting design represented in this document is consistent with the building plans, specifications and other calculations submitted with this permit application. The proposed lighting system has been designed to meet the 2010 New York Energy Conservation Construction Code requirements in *COMcheck* Version 3.9.4 and to comply with the mandatory requirements in the Requirements Checklist.

Name - Title Signature Date

COMcheck Software Version 3.9.4

Mechanical Compliance Certificate

2010 New York Energy Conservation Construction Code

Section 1: Project Information

Project Type: **New Construction**
Project Title : 211-04 Northern Blvd

Construction Site:	Owner/Agent:	Designer/Contractor:
2110-04 Northern Boulevard Queens, NY 11361	211 St. LLC 43-01 37th Street Long Island City, NY 11101 (718) 392-0111	TL Engineering P.C. 163-07 Depot Road Queens, NY 11358 (718) 353-8137

Section 2: General Information

Building Location (for weather data):	**Queens, New York**
Climate Zone:	**4a**

Section 3: Mechanical Systems List

Quantity	System Type & Description	
4	HVAC System: RTU-1,2,3,5 (Single Zone) : Heating: 1 each - Duct Furnace, Gas, Capacity = 60 kBtu/h Proposed Efficiency = 81.00% Ec, Required Efficiency = 80.00% Ec Cooling: 1 each - Single Package DX Unit, Capacity = 37 kBtu/h, Air-Cooled Condenser, Air Economizer Proposed Efficiency = 15.20 SEER, Required Efficiency = 13.00 SEER Fan System: FAN SYSTEM | 1st Floor -- Compliance (Motor nameplate HP method) : Passes Fans: RTU 5 Ton Supply, Constant Volume, 1700 CFM, 2.4 motor nameplate hp RTU 10 Ton Supply, Constant Volume, 4365 CFM, 3.5 motor nameplate hp	M-102, 103
1	HVAC System: RTU-4 (Single Zone) : Heating: 1 each - Duct Furnace, Gas, Capacity = 180 kBtu/h Proposed Efficiency = 82.00% Ec, Required Efficiency = 80.00% Ec Cooling: 1 each - Single Package DX Unit, Capacity = 93 kBtu/h, Air-Cooled Condenser, Air Economizer Proposed Efficiency = 11.50 EER, Required Efficiency = 11.00 EER Fan System: FAN SYSTEM | 1st Floor -- Compliance (Motor nameplate HP method) : Passes Fans: RTU 5 Ton Supply, Constant Volume, 1700 CFM, 2.4 motor nameplate hp RTU 10 Ton Supply, Constant Volume, 4365 CFM, 3.5 motor nameplate hp	
4	Ductless AC sys-1, 10, 11, 12 (Single Zone) : Split System Heat Pump Heating Mode: Capacity = 11 kBtu/h, Proposed Efficiency = 11.00 HSPF, Required Efficiency = 7.70 HSPF Cooling Mode: Capacity = 9 kBtu/h, Proposed Efficiency = 20.00 SEER, Required Efficiency = 13.00 SEER Fan System: None	
1	Ductless AC sys-2 (Single Zone) : Split System Heat Pump Heating Mode: Capacity = 13 kBtu/h, Proposed Efficiency = 11.00 HSPF, Required Efficiency = 7.70 HSPF Cooling Mode: Capacity = 11 kBtu/h, Proposed Efficiency = 20.00 SEER, Required Efficiency = 13.00 SEER Fan System: None	
6	Ductless AC sys-3, 5, 6, 7, 8, 9 (Single Zone) : Split System Heat Pump Heating Mode: Capacity = 17 kBtu/h,	

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

211-02 NORTHERN BLVD.
QUEENS, NY 11361

Drawing Title:
COMCHECK

Application No.:

Seal & Signature

Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: EN-001.00
Sheet No.: 3 OF 54

Proposed Efficiency = 9.20 HSPF, Required Efficiency = 7.70 HSPF
Cooling Mode: Capacity = 16 kBtu/h,
Proposed Efficiency = 21.00 SEER, Required Efficiency = 13.00 SEER
Fan System: None

1 Ductless AC sys-4 (Single Zone) : Split System Heat Pump
Heating Mode: Capacity = 28 kBtu/h,
Proposed Efficiency = 9.40 HSPF, Required Efficiency = 7.70 HSPF
Cooling Mode: Capacity = 19 kBtu/h,
Proposed Efficiency = 21.70 SEER, Required Efficiency = 13.00 SEER
Fan System: None

3 Hot Water Modular Boiler:
Heating: Hot Water Boiler, Capacity 1 kBtu/h, Gas, with Waterloop Heat Pump
No minimum efficiency requirement applies

Section 4: Requirements Checklist

Requirements Specific To: HVAC System RTU-1,2,3,5 :
- E 1. Equipment minimum efficiency: Duct Furnace (Gas): 80.00 % Ec
- E 2. Equipment minimum efficiency: Single Package Unit: 13.00 SEER

Requirements Specific To: HVAC System RTU-4 :
- E 1. Equipment minimum efficiency: Duct Furnace (Gas): 80.00 % Ec
- E 2. Equipment minimum efficiency: Single Package Unit: 11.00 EER
- E 3. Integrated economizer is required for this location and system.
- E 4. Cooling system provides a means to relieve excess outdoor air during economizer operation.
- E 5. Hot gas bypass prohibited unless system has multiple steps of unloading or continuous capacity modulation
- E 6. Hot gas bypass limited to 50% of total cooling capacity

Requirements Specific To: Ductless AC sys-1, 10, 11, 12 :
- E 1. Equipment minimum efficiency: Heat Pump: 7.70 HSPF 13.00 SEER

Requirements Specific To: Ductless AC sys-2 :
- E 1. Equipment minimum efficiency: Heat Pump: 7.70 HSPF 13.00 SEER

Requirements Specific To: Ductless AC sys-3, 5, 6, 7, 8, 9 :
- E 1. Equipment minimum efficiency: Heat Pump: 7.70 HSPF 13.00 SEER

Requirements Specific To: Ductless AC sys-4 :
- E 1. Equipment minimum efficiency: Heat Pump: 7.70 HSPF 13.00 SEER

Requirements Specific To: Hot Water Modular Boiler :
- E 1. Newly purchased heating equipment meets the heating efficiency requirements
- E 2. Loop temperature controlled with 20 degrees F deadband where neither cooling tower/fluid cooler nor boiler can operate
- E 3. Two-position valve on each heat pump having total heat pump system power >10hp
- E 4. Systems with multiple boilers have automatic controls capable of sequencing boiler operation

Generic Requirements: Must be met by all systems to which the requirement is applicable:
- E 1. Plant equipment and system capacity no greater than needed to meet loads
Exception(s):
  - ☐ Standby equipment automatically off when primary system is operating
  - ☐ Multiple units controlled to sequence operation as a function of load
- E 2. Minimum one temperature control device per system
- E 3. Minimum one humidity control device per installed humidification/dehumidification system
- E 4. Load calculations per ASHRAE/ACCA Standard 183.
- E 5. Automatic Controls: Setback to 55°F (heat) and 85°F (cool); 7-day clock, 2-hour occupant override, 10-hour backup
Exception(s):
  - ☐ Continuously operating zones
- E 6. Outside-air source for ventilation; system capable of reducing OSA to required minimum
- E 7. R-5 supply and return air duct insulation in unconditioned spaces
R-8 supply and return air duct insulation outside the building
R-8 insulation between ducts and the building exterior when ducts are part of a building assembly
Exception(s):

- E Ducts located within equipment
- E Ducts with interior and exterior temperature difference not exceeding 15°F.
- E 8. Mechanical fasteners and sealants used to connect ducts and air distribution equipment
- E 9. Ducts sealed - longitudinal seams on rigid ducts; transverse seams on all ducts; UL 181A or 181B tapes and mastics
- E 10. Hot water pipe insulation: 1.5 in. for pipes <=1.5 in. and 2 in. for pipes >1.5 in.
Chilled water/refrigerant/brine pipe insulation: 1.5 in. for pipes <=1.5 in. and 1.5 in. for pipes >1.5 in.
Steam pipe insulation: 1.5 in. for pipes <=1.5 in. and 3 in. for pipes >1.5 in.
Exception(s):
  - ☐ Piping within HVAC equipment.
  - ☐ Fluid temperatures between 55 and 105°F.
  - ☐ Fluid not heated or cooled with renewable energy.
  - ☐ Piping within room fan-coil (with AHRI440 rating) and unit ventilators (with AHRI840 rating).
  - ☐ Runouts <4 ft in length.
- E 11. Operation and maintenance manual provided to building owner
- E 12. Thermostatic controls have 5°F deadband
Exception(s):
  - ☑ Thermostats requiring manual changeover between heating and cooling
  - ☐ Special occupancy or special applications where wide temperature ranges are not acceptable and are approved by the authority having jurisdiction.
- E 13. Balancing devices provided in accordance with IMC 603.17
- E 14. Demand control ventilation (DCV) present for high design occupancy areas (>40 person/1000 ft2 in spaces >500 ft2) and served by systems with any one of 1) an air-side economizer, 2) automatic modulating control of the outdoor air damper, or 3) a design outdoor airflow greater than 3000 cfm.
Exception(s):
  - ☐ Systems with heat recovery.
  - ☐ Multiple-zone systems without DDC of individual zones communicating with a central control panel.
  - ☐ Systems with a design outdoor airflow less than 1200 cfm.
  - ☐ Spaces where the supply airflow rate minus any makeup or outgoing transfer air requirement is less than 1200 cfm.
- E 15. Motorized, automatic shutoff dampers required on exhaust and outdoor air supply openings
Exception(s):
  - ☑ Gravity dampers acceptable in buildings <3 stories
- ☐ 16. Automatic controls for freeze protection systems present
- ☐ 17. Exhaust air heat recovery included for systems 5,000 cfm or greater with more than 70% outside air fraction or specifically exempted
Exception(s):
  - ☐ Hazardous exhaust systems, commercial kitchen and clothes dryer exhaust systems that the International Mechanical Code prohibits the use of energy recovery systems.
  - ☐ Systems serving spaces that are heated and not cooled to less than 60°F.
  - ☐ Where more than 80 percent of the outdoor heating energy is provided from site-recovered or site solar energy.
  - ☐ Heating systems in climates with less than 3600 HDD.
  - ☐ Cooling systems in climates with a 1 percent cooling design wet-bulb temperature less than 54°F.
  - ☐ Systems requiring dehumidification that employ energy recovery in series with the cooling coil.
  - ☐ Laboratory fume hood exhaust systems that have either a variable air volume system capable of reducing exhaust and makeup air volume to 50 percent or less of design values or, a separate make up air supply meeting the following makeup air requirements: a) at least 75 percent of exhaust flow rate, b) heated to no more than 2°F below room setpoint temperature, c) cooled to no lower than 3°F above room setpoint temperature, d) no humidification added, e) no simultaneous heating and cooling.

Section 5: Compliance Statement

Compliance Statement: The proposed mechanical design represented in this document is consistent with the building plans, specifications and other calculations submitted with this permit application. The proposed mechanical systems have been designed to meet the 2010 New York Energy Conservation Construction Code requirements in COMcheck Version 3.9.4 and to comply with the mandatory requirements in the Requirements Checklist.

Name - Title _____ Signature _____ Date _____

Section 6: Post Construction Compliance Statement

- E HVAC record drawings of the actual installation, system capacities, calibration information, and performance data for each equipment provided to the owner.
- E HVAC O&M documents for all mechanical equipment and system provided to the owner by the mechanical contractor.
- E Written HVAC balancing and operations report provided to the owner.

The above post construction requirements have been completed.

Principal Mechanical Designer-Name _____ Signature _____ Date _____

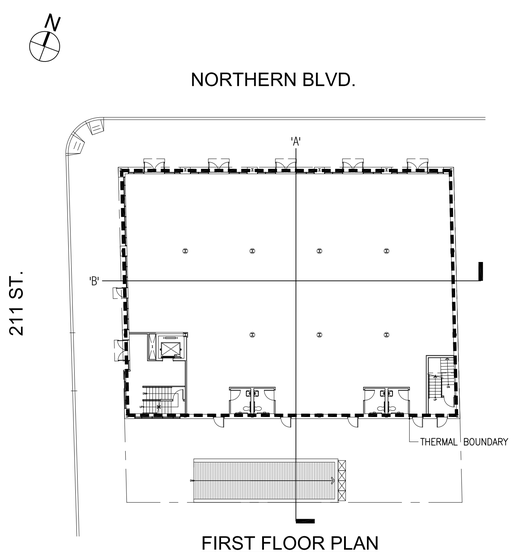
PROGRESS INSPECTIONS FOR ENERGY CODE COMPLIANCE

TABLE II – COMMERCIAL BUILDINGS, 1RCNY§5000–01

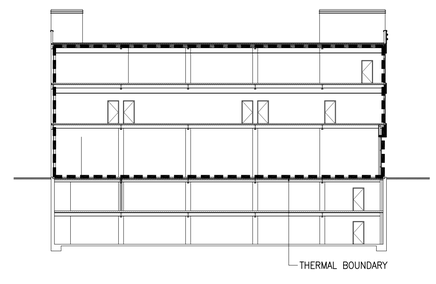
	INSPECTION/TEST	PERIODIC (MINIMUM)	REMARKS
IIA	ENVELOPE INSPECTIONS		
IIA2	INSULATION PLACEMENT & R–VALUE	AS REQUIRED TO VERIFY CONTINUOUS ENCLOSURE WHILE WALLS, CEILINGS & FLOORS ARE OPEN	A–301,302,303,501
IIA3	FENESTRATION THERMAL VALUES & PRODUCT RATINGS	AS REQUIRED DURING INSTALLATION	A–601
IIA4	FENESTRATION & DOOR ASSEMBLY PRODUCT RATINGS FOR AIR LEAKAGE	AS REQUIRED DURING INSTALLATION; PRIOR TO FINAL CONSTRUCTION INSPECTION	A–601
IIA5	FENESTRATION AREAS	PRIOR TO FINAL CONSTRUCTION INSPECTION	A–601, EN–001,002
IIA6	SEALING	AS REQUIRED DURING CONSTRUCTION	EN–001,002
IIA7	PROJECTION FACTORS	PRIOR TO FINAL CONSTRUCTION INSPECTION	A–301
IIA9	BUILDING ENTRANCE VESTIBULES	PRIOR TO FINAL CONSTRUCTION INSPECTION	EN–001,002, A–103
IIB	MECHANICAL AND SERVICE WATER HEATING INSPECTIONS		
IIB2	OUTDOOR AIR INTAKES & EXHAUST OPENINGS	AS REQUIRED DURING INSTALLATION	M–101,102,103
IIB3	HVAC, SERVICE WATER HEATING & POOL EQUIPMENT SIZING AND PERFORMANCE	PRIOR TO FINAL PLUMBING & CONSTRUCTION INSPECTION	M–101,102,103
IIB4	HVAC SYSTEM CONTROLS & ECONOMIZERS & SERVICE HOT WATER SYSTEM CONTROLS, CONTROLS WITH SEASONALLY DEPENDENT FUNCTIONALITY	AFTER INSTALLATION & PRIOR TO FINAL ELECTRICAL & CONSTRUCTION INSPECTION, EXCEPT THAT FOR CONTROLS WITH SEASONALLY DEPENDENT FUNCTIONALITY, SUCH TESTING SHALL BE PERFORMED BEFORE SIGN–OFF FOR ISSUANCE OF FINAL CERTIFICATE OF OCCUPANCY	M–001,101,102,103
IIB5	DUCT, PLENUM & PIPING INSULATION & SEALING	AFTER INSTALLATION & PRIOR TO CLOSING SHAFTS, CEILINGS & WALLS	M–001
IIC	ELECTRICAL POWER & LIGHTING SYSTEMS		
IIC3	INTERIOR LIGHTING POWER	PRIOR TO FINAL ELECTRICAL & CONSTRUCTION INSPECTION	E–101,102,103
IIC4	EXTERIOR LIGHTING	PRIOR TO FINAL ELECTRICAL & CONSTRUCTION INSPECTION	E–104
IIC5	LIGHTING CONTROLS	PRIOR TO FINAL ELECTRICAL & CONSTRUCTION INSPECTION	E–101,102,103,104
IIC6	EXIT SIGNS	PRIOR TO FINAL ELECTRICAL & CONSTRUCTION INSPECTION	E–102
IIC7	TANDEM WIRING	PRIOR TO FINAL ELECTRICAL & CONSTRUCTION INSPECTION	E–101,102,103,104
IIC8	ELECTRIC MOTORS INCLUDING BUT NOT LIMITED TO FAN MOTORS	PRIOR TO FINAL ELECTRICAL & CONSTRUCTION INSPECTION	M–001,102, E–101,102,103
IID	OTHER		
IID1	MAINTENANCE INFORMATION	PRIOR TO SIGN–OFF OR ISSUANCE OF FINAL CERTIFICATE OF OCCUPANCY	M–001

ENERGY CODE COMPLIANCE

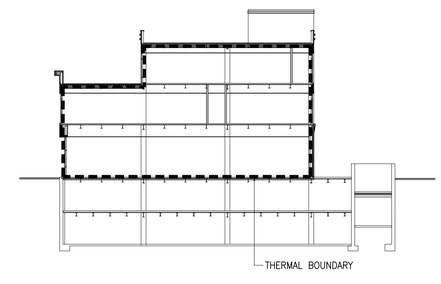
TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT, ALL WORK UNDER THIS APPLICATION IS IN COMPLIANCE WITH THE 2011 NYCECC."
- CLIMATE ZONE 4A



FIRST FLOOR PLAN



SECTION 'A'



SECTION 'B'

1 EN-002 **THERMAL BOUNDARY DIAGRAM**
SCALE : N.T.S.

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

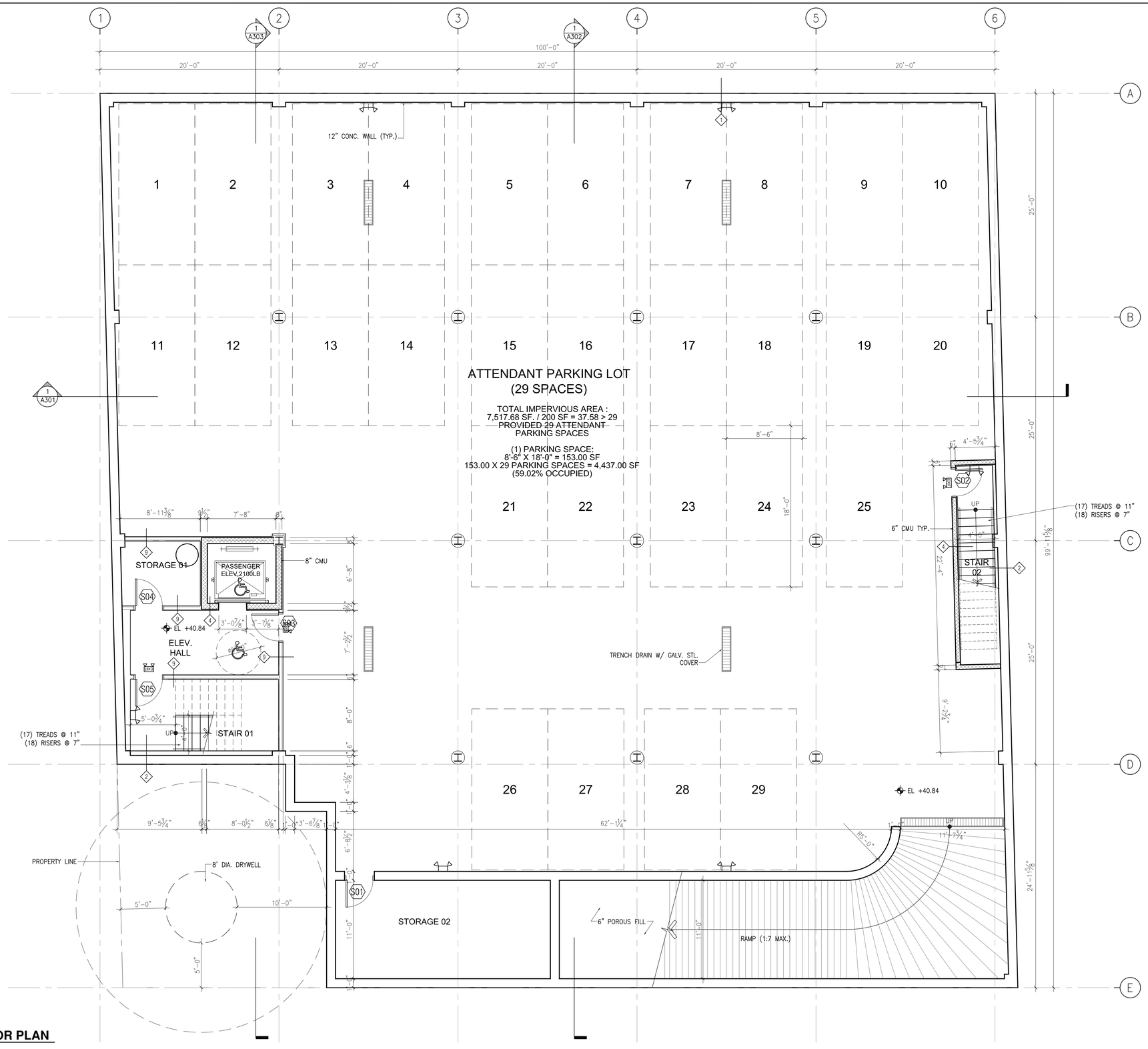
Project:
NEW 3 STORY COMMERCIAL BUILDING
211-02 NORTHERN BLVD.
QUEENS, NY 11361

Drawing Title:
COMCHECK, PROGRESS INSPECTIONS & THERMAL BOUNDARY DIAGRAM

Application No.:

Seal & Signature

Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: EN-002.00
Sheet No.: 4 OF 54



1 A-101 **SUB CELLAR FLOOR PLAN**
SCALE: 3/16"=1'-0"

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

211-02 NORTHERN BLVD.
QUEENS, NY 11361

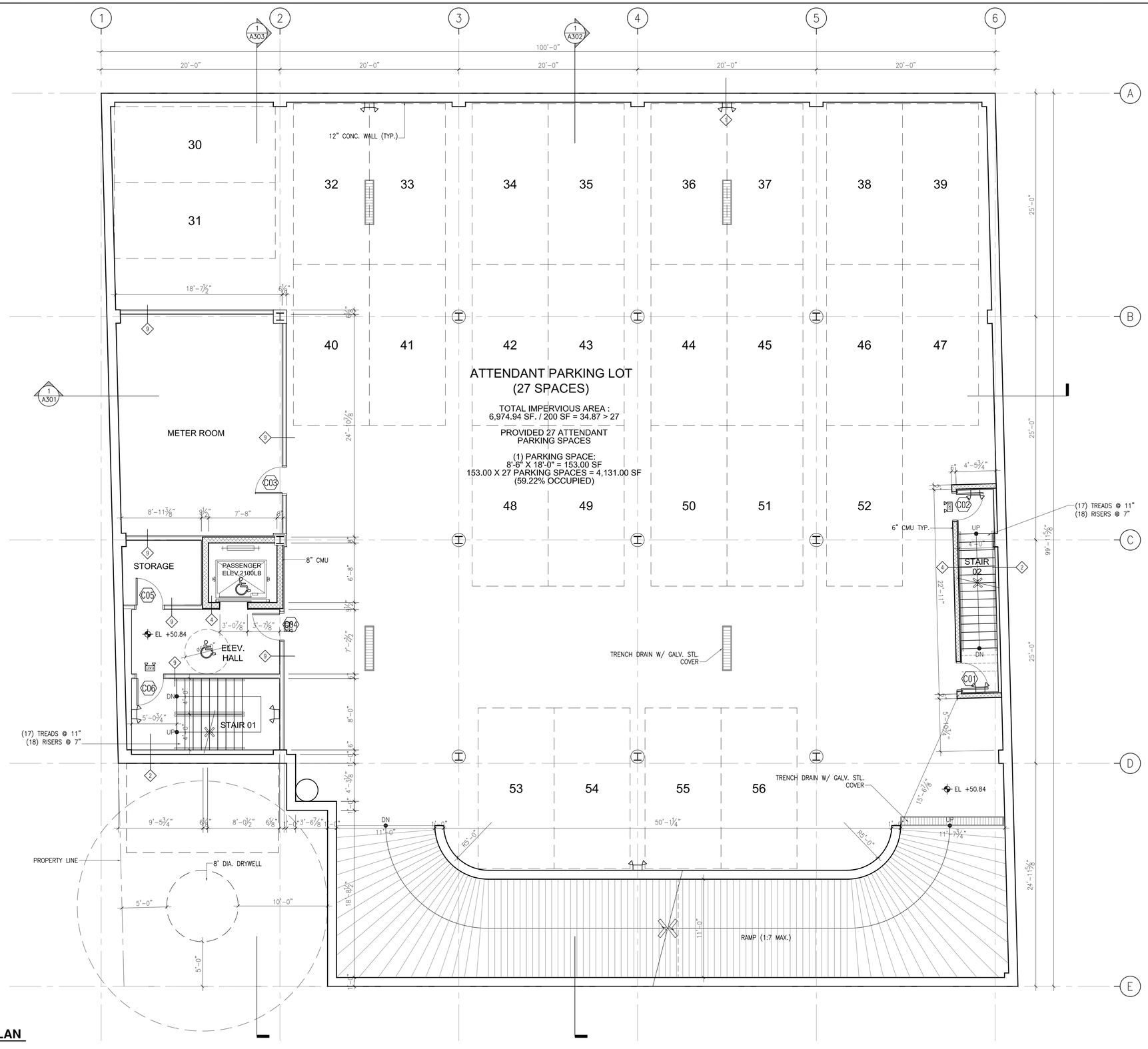
Drawing Title:

SUB CELLAR FLOOR PLAN

Application No.:

Seal & Signature

Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: A-101.00
Sheet No.: 5 OF 54



1 A-102 **CELLAR FLOOR PLAN**
SCALE: 3/16"=1'-0"

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

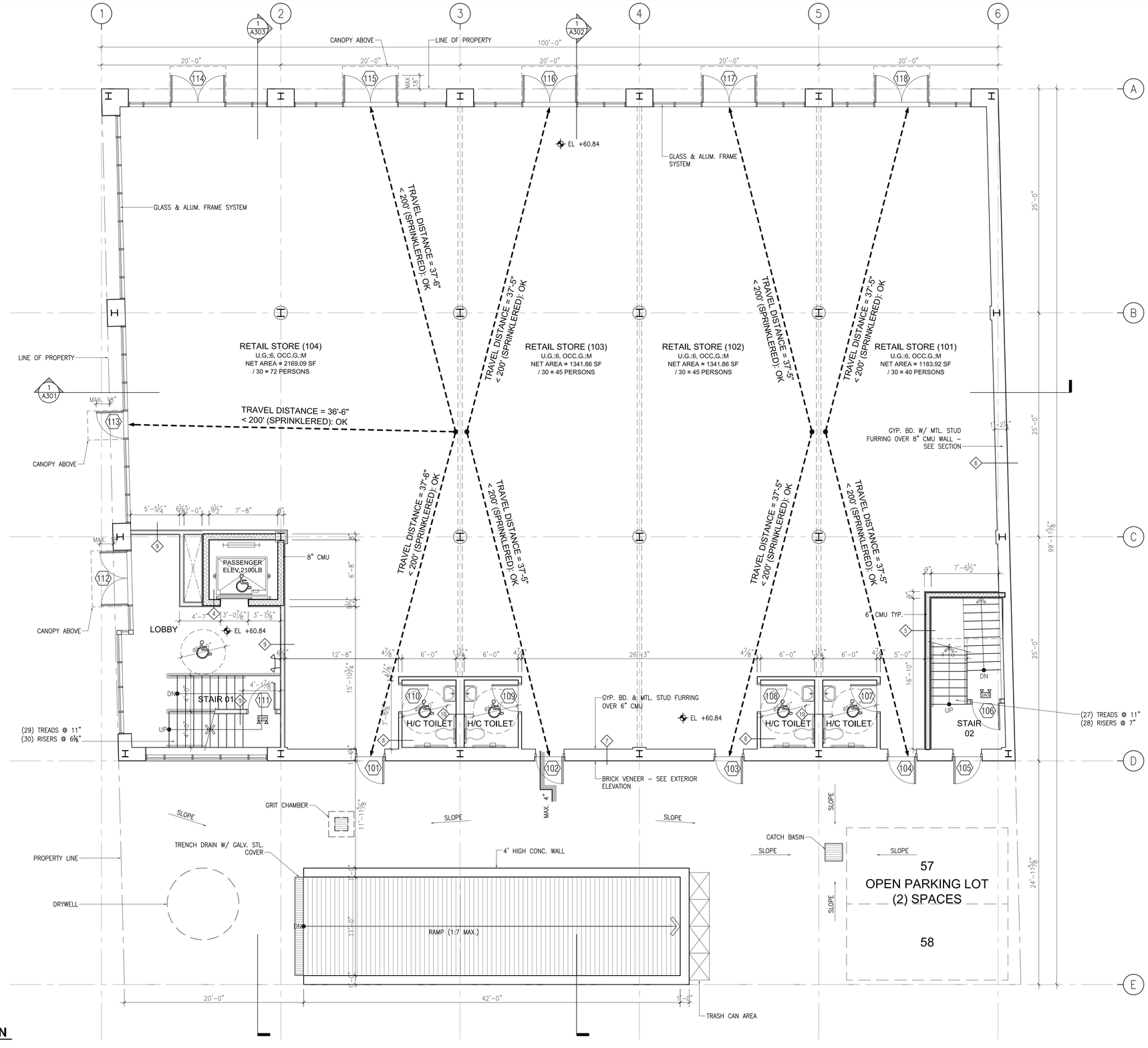
211-02 NORTHERN BLVD.
QUEENS, NY 11361

Drawing Title:
CELLAR FLOOR PLAN

Application No.:

Seal & Signature

Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: A-102.00
Sheet No.: 6 OF 54



1 A-103 **FIRST FLOOR PLAN**
SCALE: 3/16"=1'-0"

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

211-02 NORTHERN BLVD.
QUEENS, NY 11361

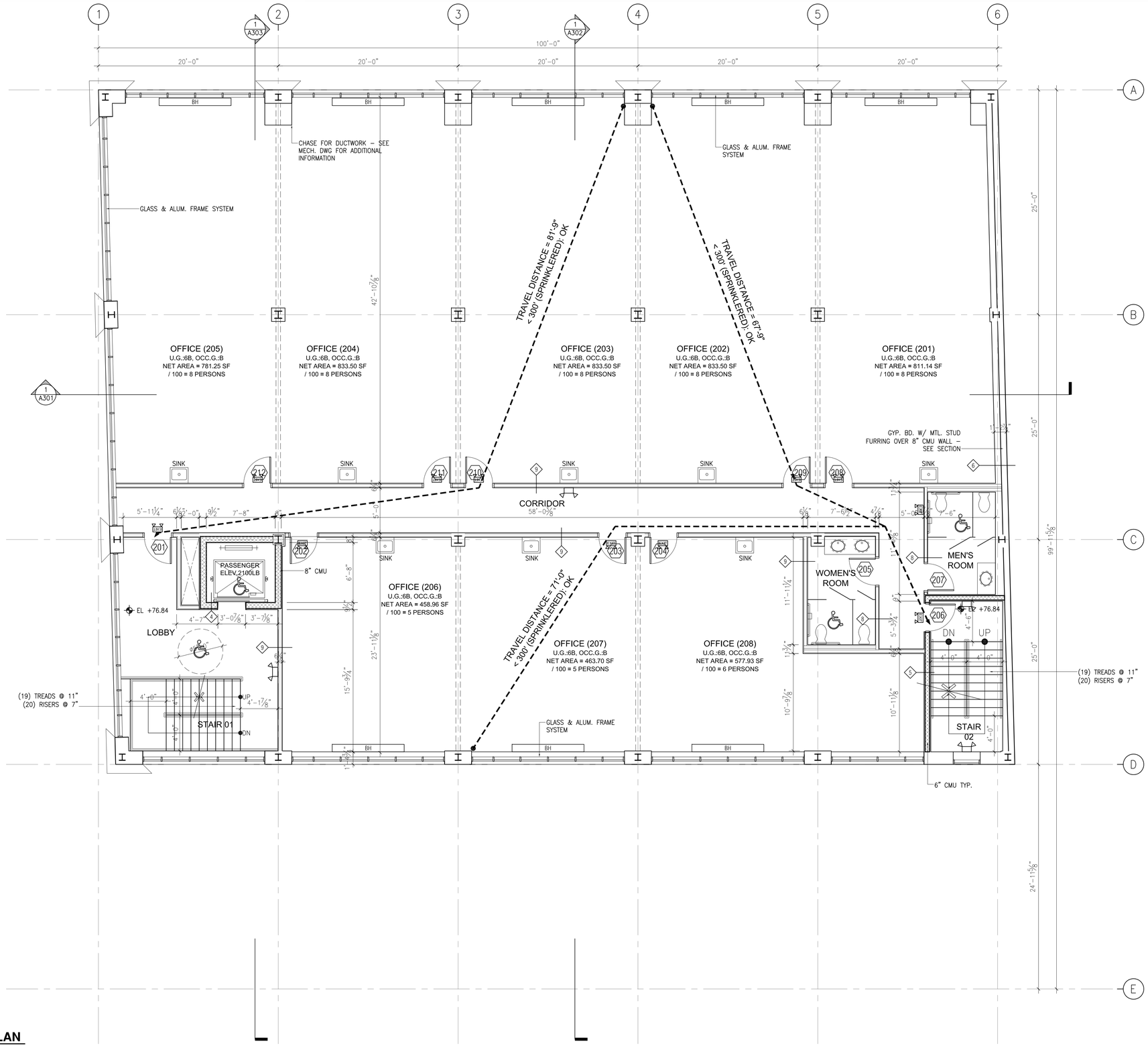
Drawing Title:

FIRST FLOOR PLAN

Application No.:

Seal & Signature

Date:	10/10/2014
Project No.:	14044-4
Drawn By:	JC,TK
Checked by:	SL
Dwg No.:	A-103.00
Sheet No.:	7 OF 54



1 A-104 **SECOND FLOOR PLAN**
SCALE: 3/16"=1'-0"

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

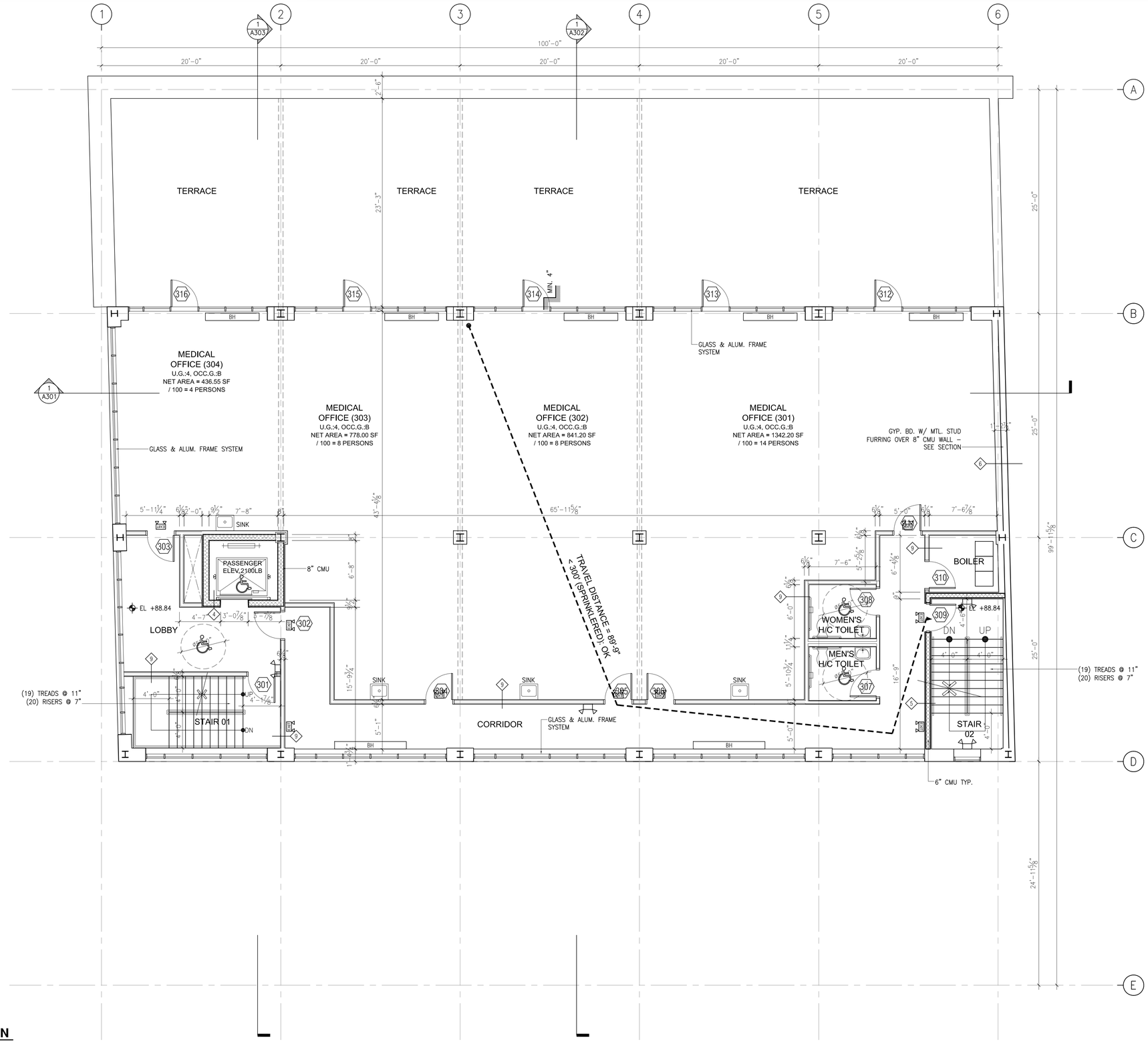
211-02 NORTHERN BLVD.
QUEENS, NY 11361

Drawing Title:
SECOND FLOOR PLAN

Application No.:

Seal & Signature

Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: A-104.00
Sheet No.: 8 OF 54



1 A-105 **THIRD FLOOR PLAN**
SCALE: 3/16"=1'-0"

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

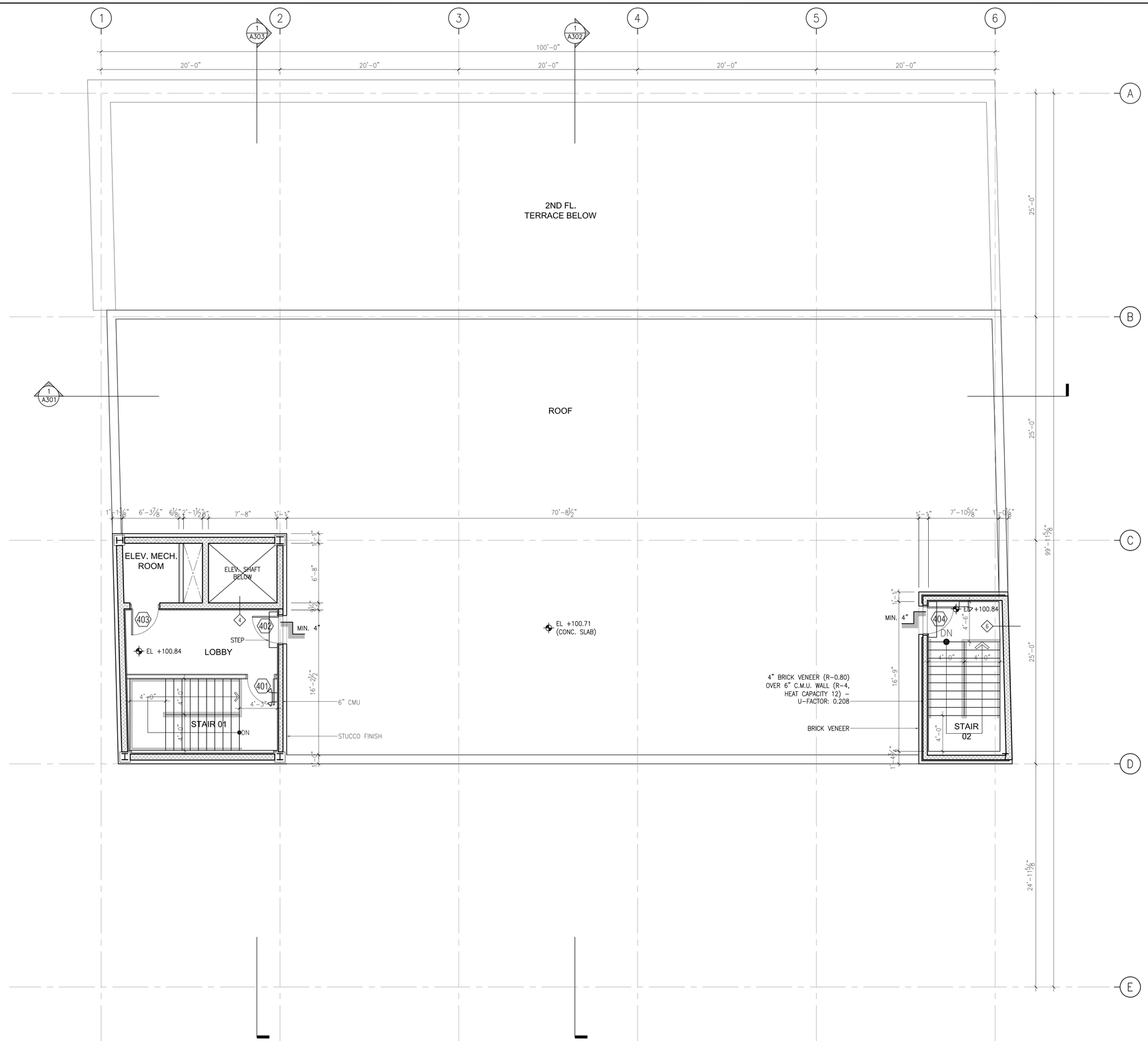
211-02 NORTHERN BLVD.
QUEENS, NY 11361

Drawing Title:
THIRD FLOOR PLAN

Application No.:

Seal & Signature

Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: A-105.00
Sheet No.: 9 OF 54



1 A-106 **ROOF PLAN**
SCALE: 3/16"=1'-0"

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

211-02 NORTHERN BLVD.
QUEENS, NY 11361

Drawing Title:
ROOF FLOOR PLAN

Application No.:

Seal & Signature

Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: A-106.00
Sheet No.: 10 OF 54

1
A-201

FRONT ELEVATION

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

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

211-02 NORTHERN BLVD.
QUEENS, NY 11361

Drawing Title:

FRONT ELEVATION

Application No.:

Seal & Signature

Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: A-201.00
Sheet No.: 11 OF 54

1 A-202 **RIGHT SIDE ELEVATION**

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

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

211-02 NORTHERN BLVD.
QUEENS, NY 11361

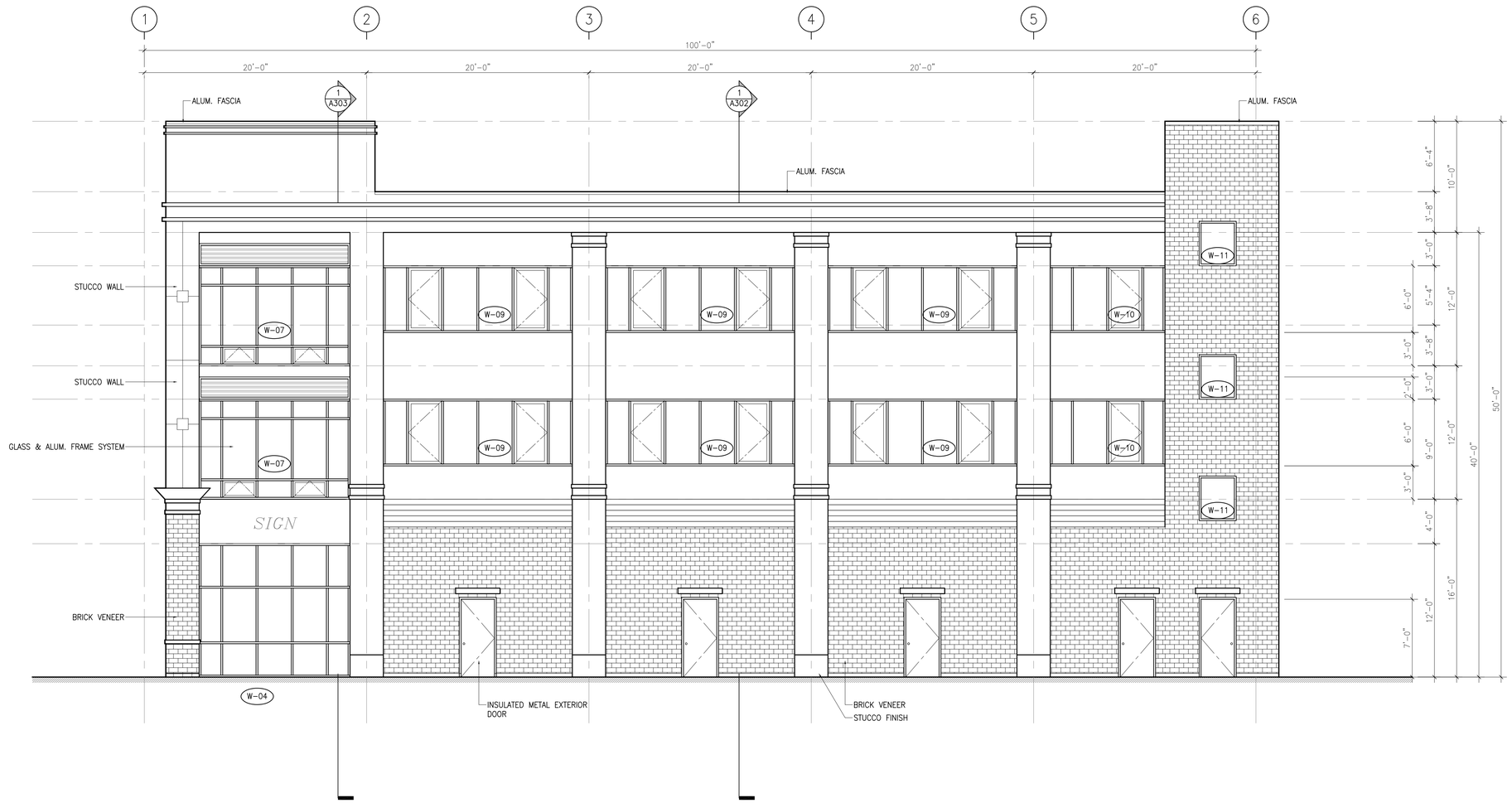
Drawing Title:

RIGHT SIDE ELEVATION

Application No.:

Seal & Signature

Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: A-202.00
Sheet No.: 12 OF 54



1
A-203

REAR ELEVATION

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

TL ENGINEERING P.C.
Architect & P.E. Group

163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

211-02 NORTHERN BLVD.
QUEENS, NY 11361

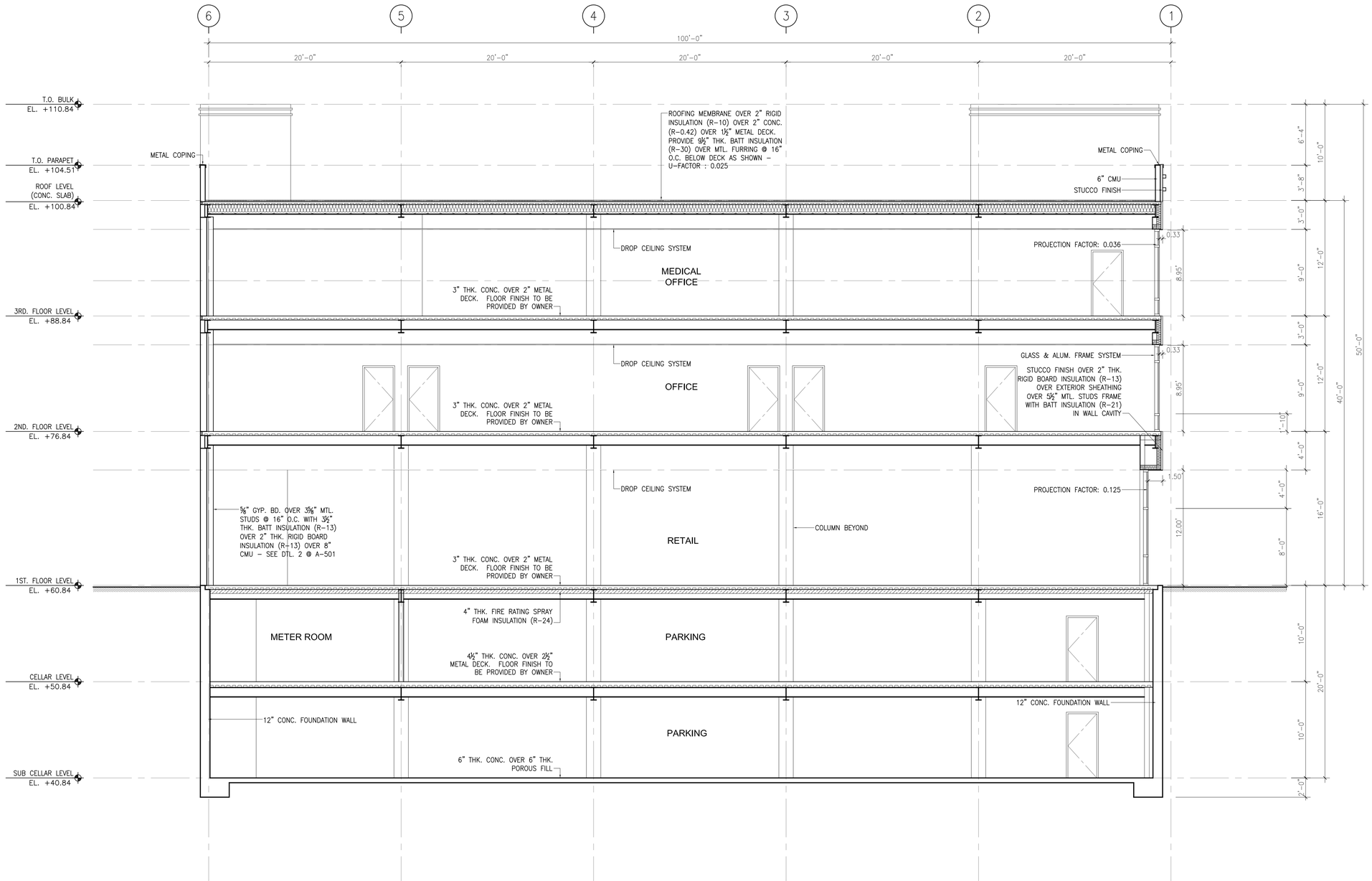
Drawing Title:

REAR ELEVATION

Application No.:

Seal & Signature

Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: A-203.00
Sheet No.: 13 OF 54



1
A-301

BUILDING SECTION 'A'

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

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

211-02 NORTHERN BLVD.
QUEENS, NY 11361

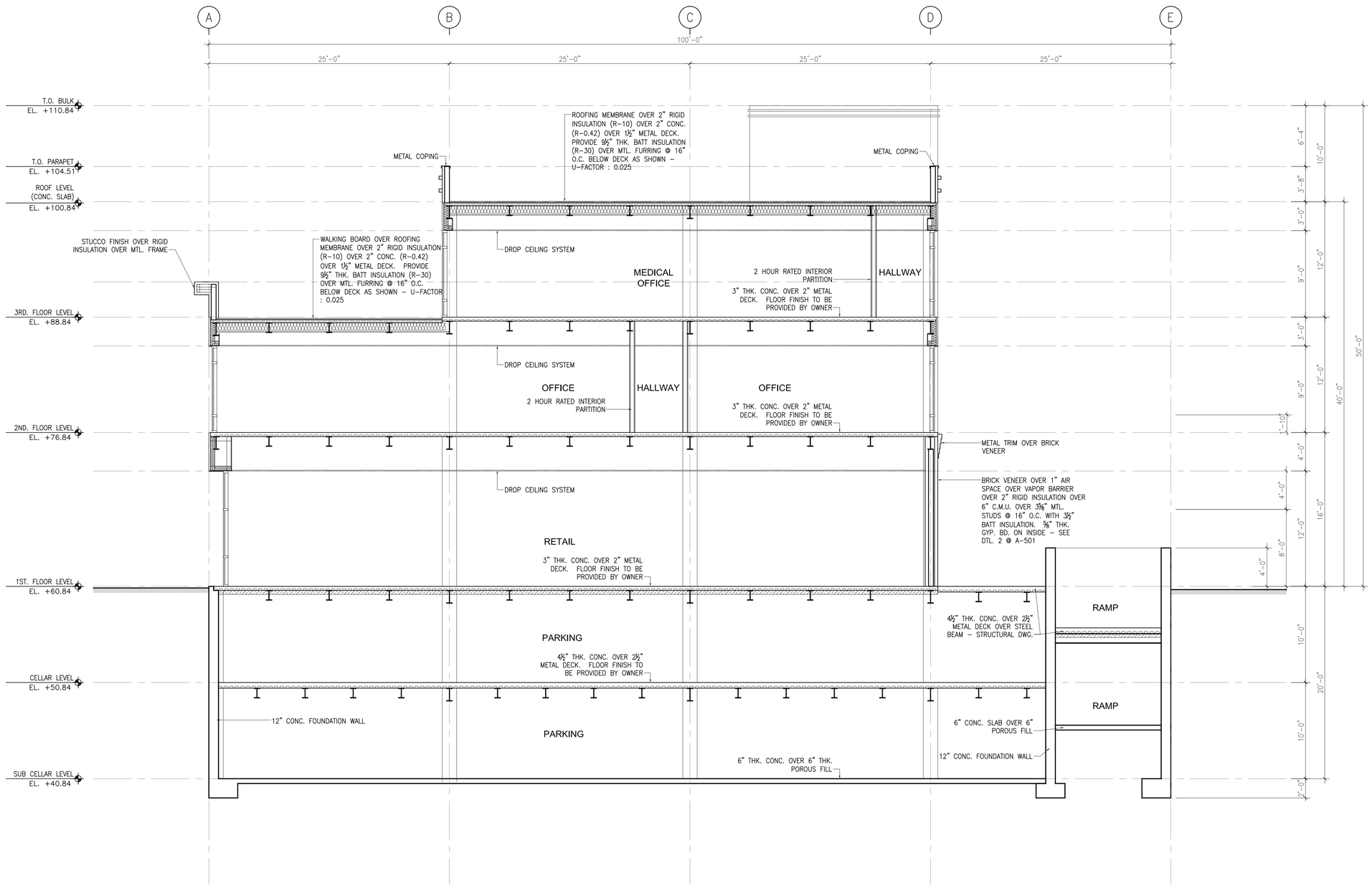
Drawing Title:

BUILDING SECTION 'A'

Application No.:

Seal & Signature

Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: A-301.00
Sheet No.: 14 OF 54



1 / A-302 **BUILDING SECTION 'B'**

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

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

211-02 NORTHERN BLVD.
QUEENS, NY 11361

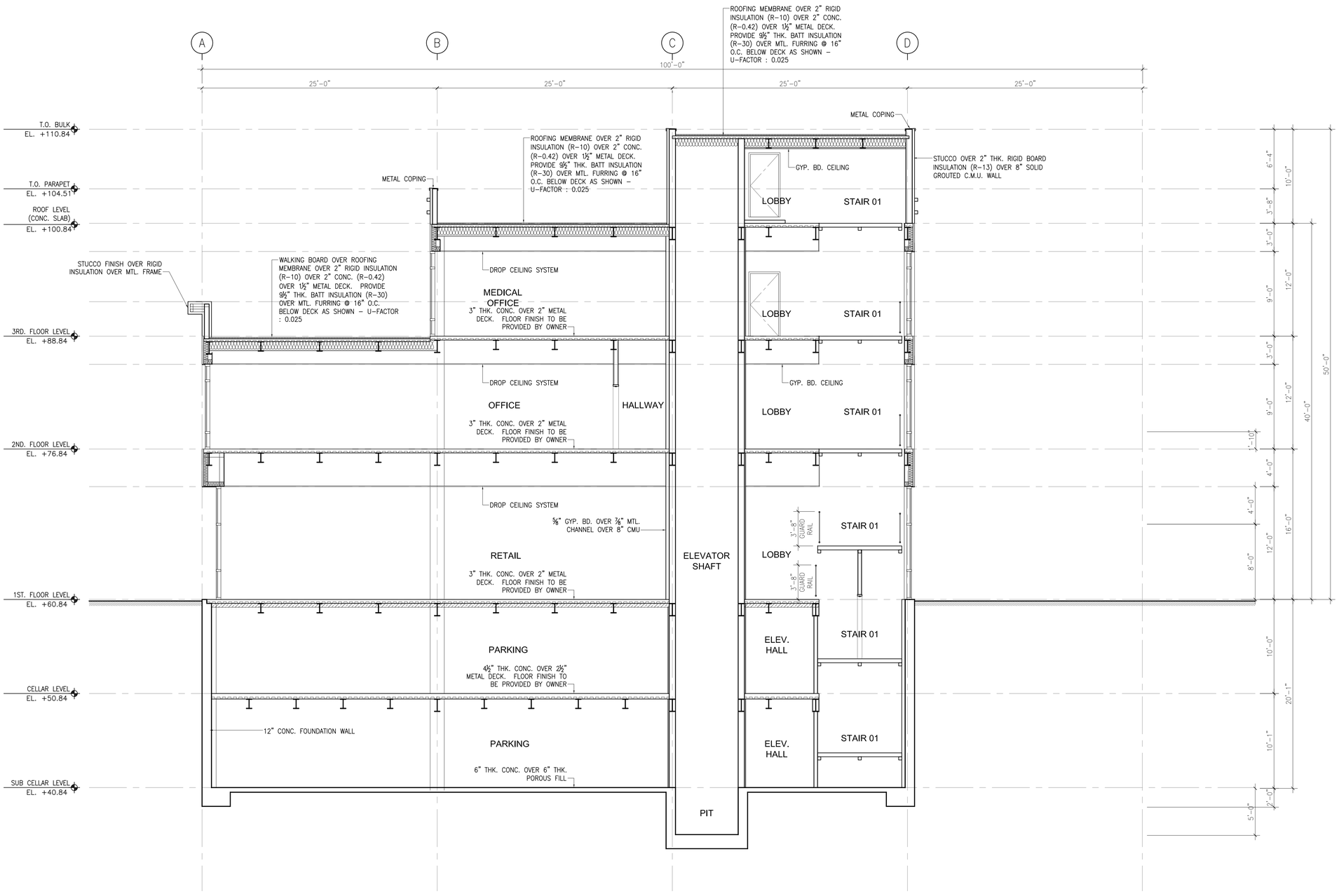
Drawing Title:

BUILDING SECTION 'B'

Application No.:

Seal & Signature

Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: A-302.00
Sheet No.: 15 OF 54



1
A-303

BUILDING SECTION 'C'

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

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

211-02 NORTHERN BLVD.
QUEENS, NY 11361

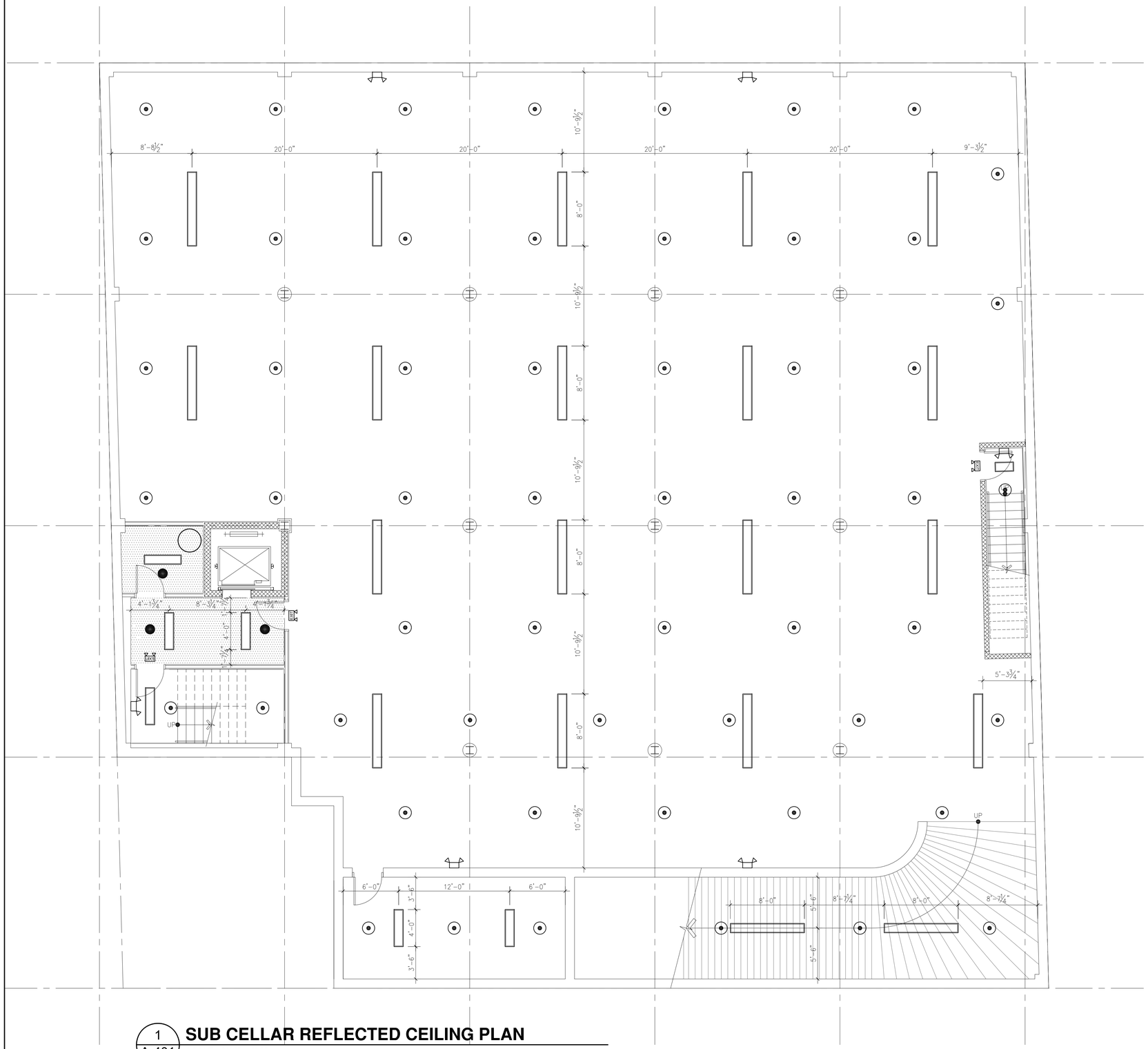
Drawing Title:

BUILDING SECTION 'C'

Application No.:

Seal & Signature

Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: A-303.00
Sheet No.: 16 OF 54



1
A-401

SUB CELLAR REFLECTED CEILING PLAN

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

NOTE:

1. SEE ELECTRICAL DRAWINGS FOR LIGHTING FIXTURES INFORMATION.

LEGEND OF DRAWING

SYMBOL	DESCRIPTION
	RECESSED, FLUORESCENT 2'X4' DIRECT–INDIRECT LIGHT
	RECESSED, FLUORESCENT 2'X2' DIRECT–INDIRECT LIGHT
	SURFACE MOUNTED 8' LONG FLUORESCENT LIGHT FIXTURES
	SURFACE MOUNTED 4' LONG FLUORESCENT LIGHT FIXTURES
	SURFACE MOUNTED 2' LONG FLUORESCENT LIGHT FIXTURES
	RECESSED 6" DIAMETER CFL DOWNLIGHT
	TOILET VENT GRILLE
	2X4 ACOUSTICAL CEILING TILE
	2X2 ACOUSTICAL CEILING TILE
	GYPSUM BOARD DROP CEILING
	CEILING DIFFUSER, 4–WAY DIRECTIONAL THROW, UNLESS INDICATED OTHERWISE
	CEILING RETURN AIR GRILLE OR REGISTER
	EMERGENCY LIGHT WITH (2) HEADS
EXIT	EXIT SIGN WITH (2 OR 3) EMERGENCY LAMPS
	UPRIGHT SPRINKLER HEAD
	PENDENT SPRINKLER HEAD
	PENDENT (DRY TYPE) SPRINKLER HEAD

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

211-02 NORTHERN BLVD.
QUEENS, NY 11361

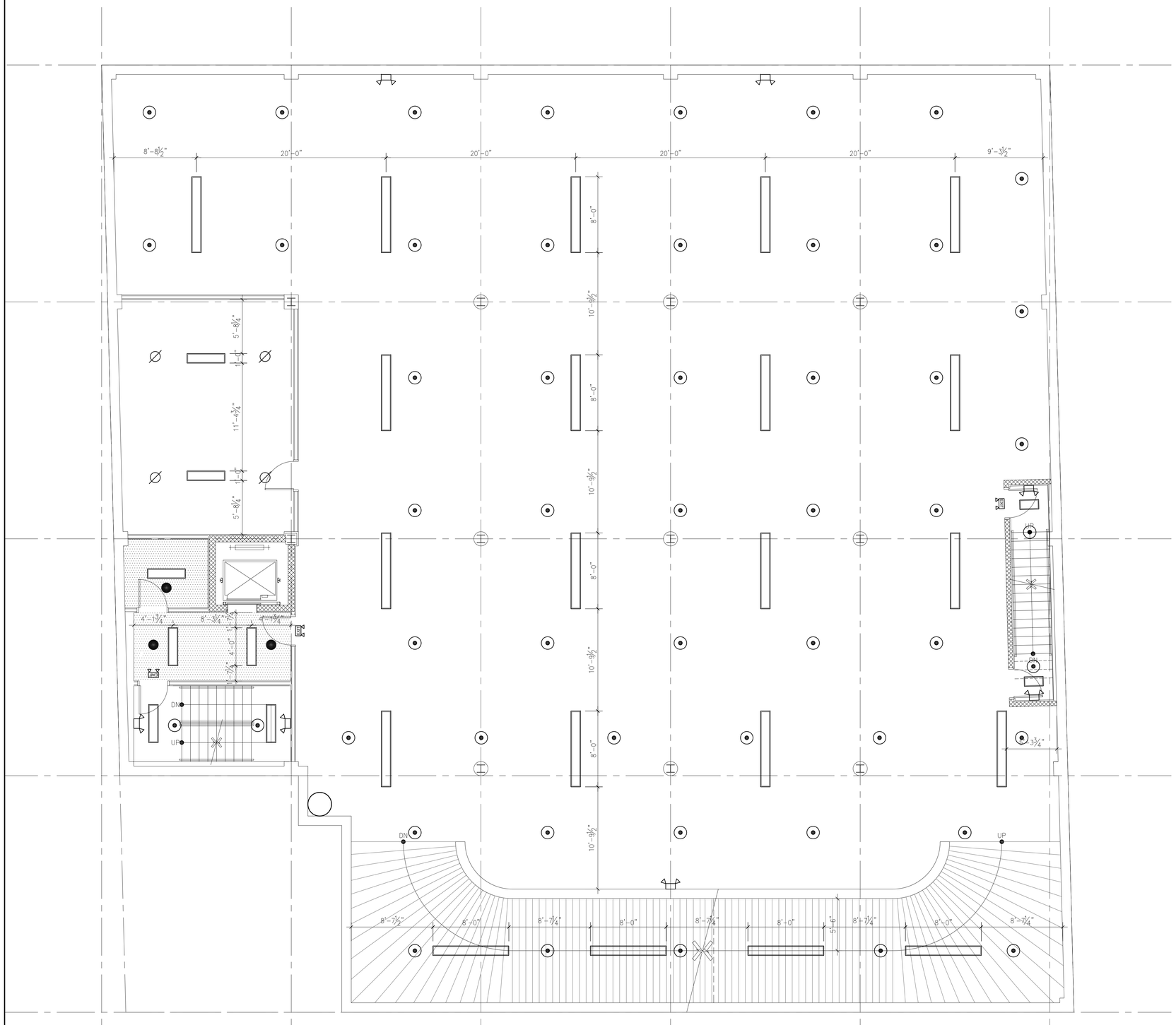
Drawing Title:

SUB CELLAR REFLECTED CEILING PLAN

Application No.:

Seal & Signature

Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: A-401.00
Sheet No.: 17 OF 54



1
A-402

CELLAR FLOOR REFLECTED CEILING PLAN

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

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

211-02 NORTHERN BLVD.
QUEENS, NY 11361

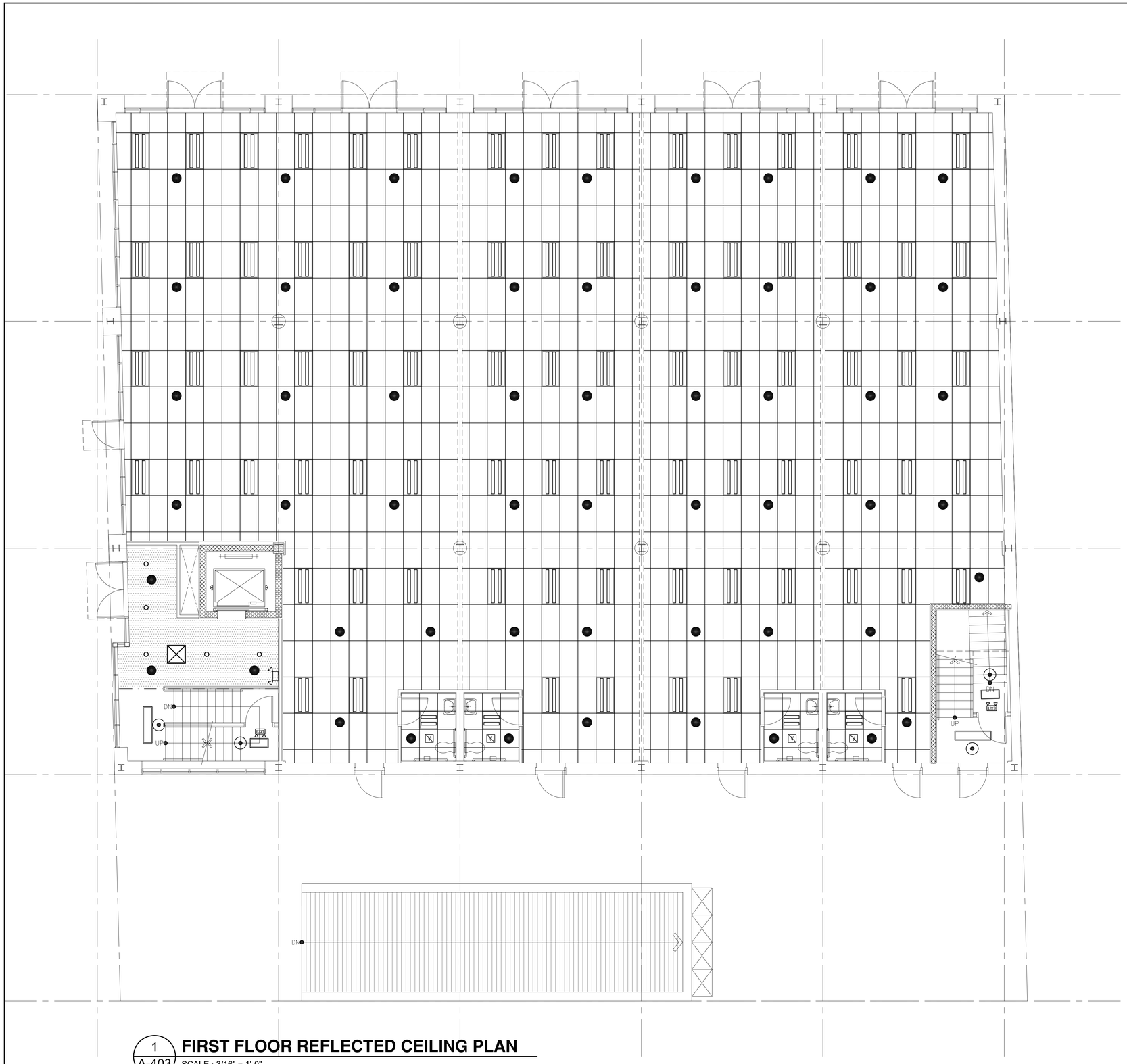
Drawing Title:

CELLAR REFLECTED CEILING PLAN

Application No.:

Seal & Signature

Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: A-402.00
Sheet No.: 18 OF 54



1
A-403

FIRST FLOOR REFLECTED CEILING PLAN

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

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

211-02 NORTHERN BLVD.
QUEENS, NY 11361

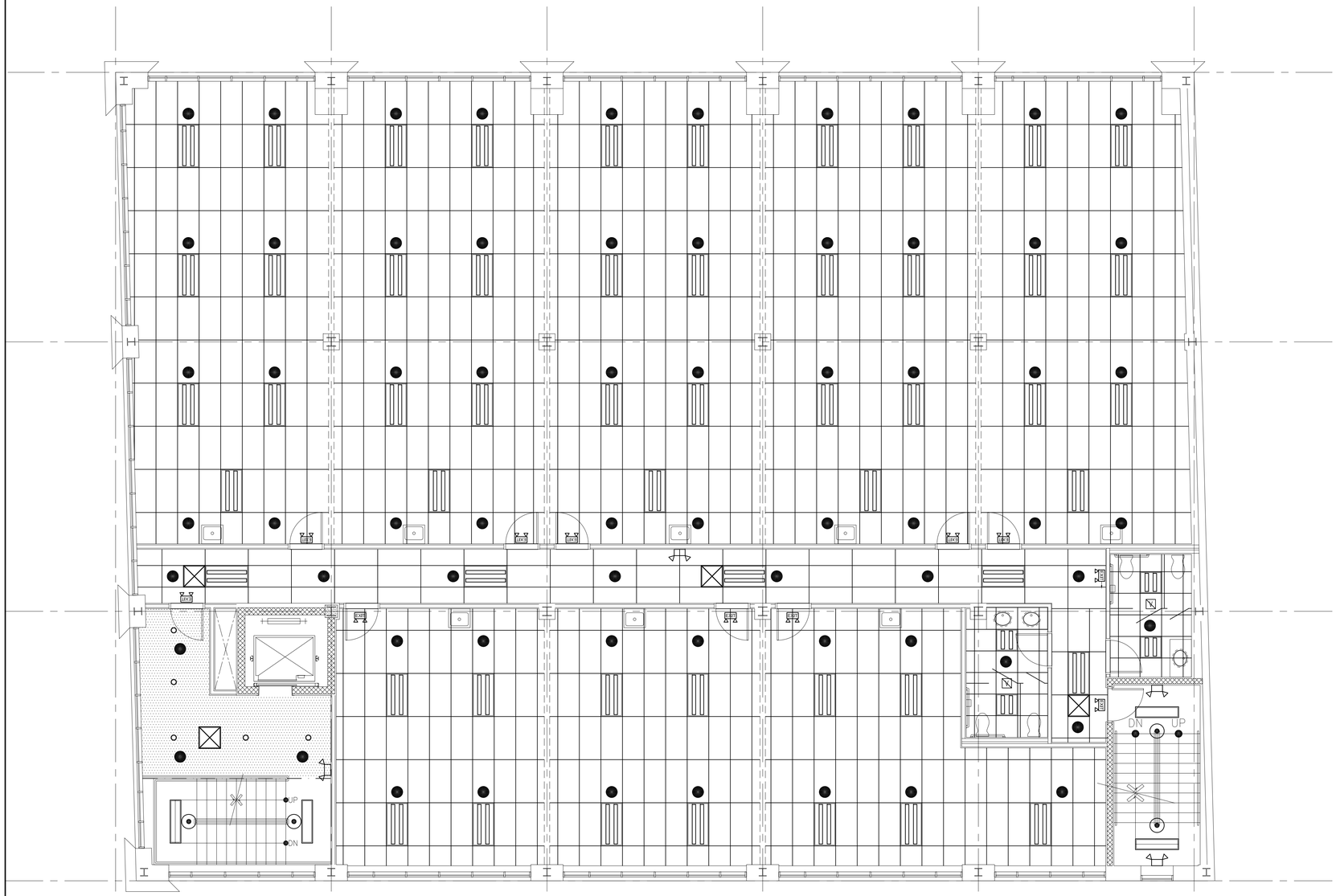
Drawing Title:

FIRST FLOOR REFLECTED CEILING PLAN

Application No.:

Seal & Signature

Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: A-403.00
Sheet No.: 19 OF 54



1
A-404

SECOND FLOOR REFLECTED CEILING PLAN

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

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

211-02 NORTHERN BLVD.
QUEENS, NY 11361

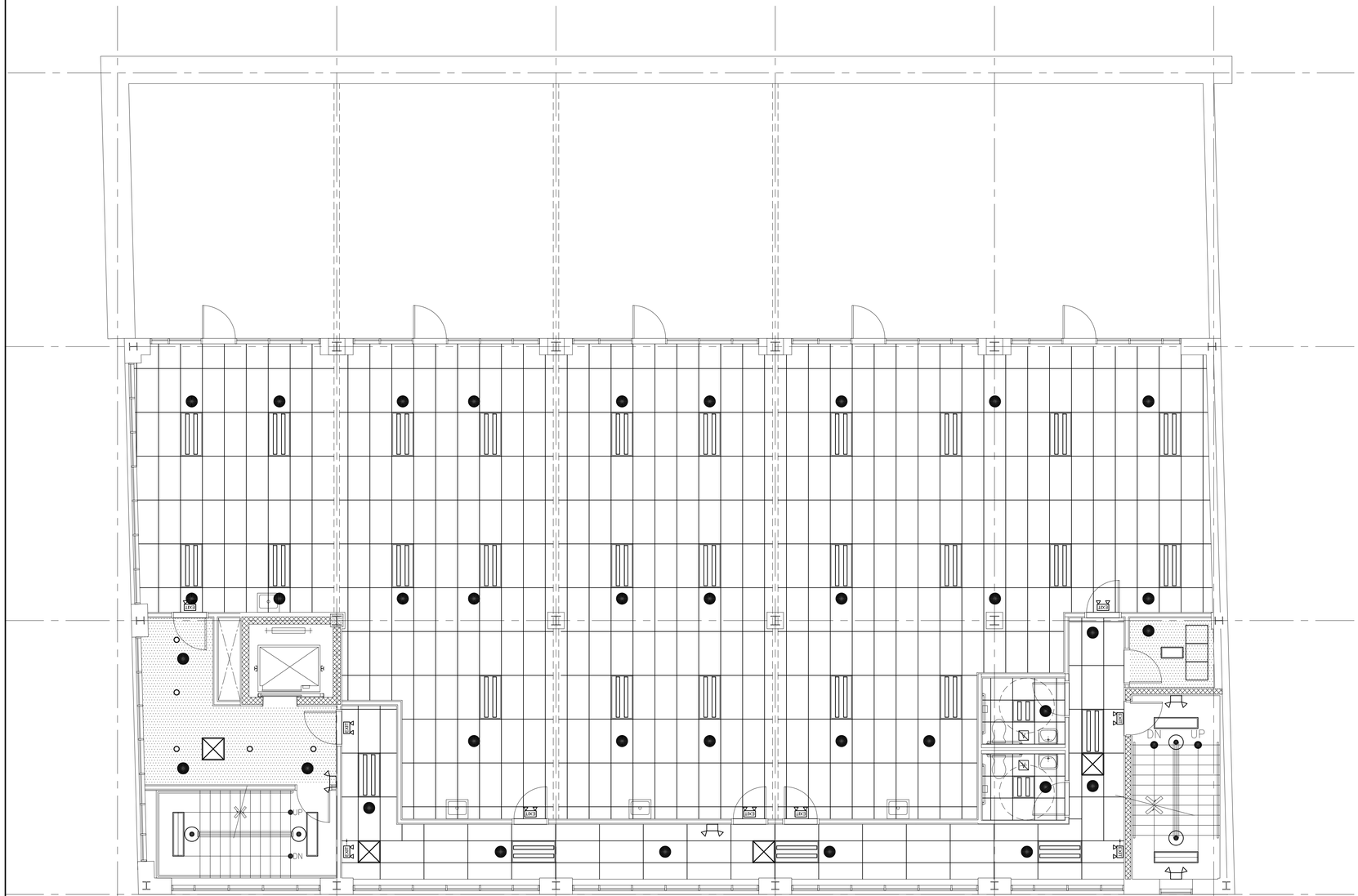
Drawing Title:

SECOND FLOOR REFLECTED CEILING PLAN

Application No.:

Seal & Signature

Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: A-404.00
Sheet No.: 20 OF 54



1
A-405

THIRD FLOOR REFLECTED CEILING PLAN

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

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

211-02 NORTHERN BLVD.
QUEENS, NY 11361

Drawing Title:

THIRD FLOOR REFLECTED CEILING PLAN

Application No.:

Seal & Signature

Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: A-405.00
Sheet No.: 21 OF 54

1
A-406

ROOF FLOOR REFLECTED CEILING PLAN

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

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

211-02 NORTHERN BLVD.
QUEENS, NY 11361

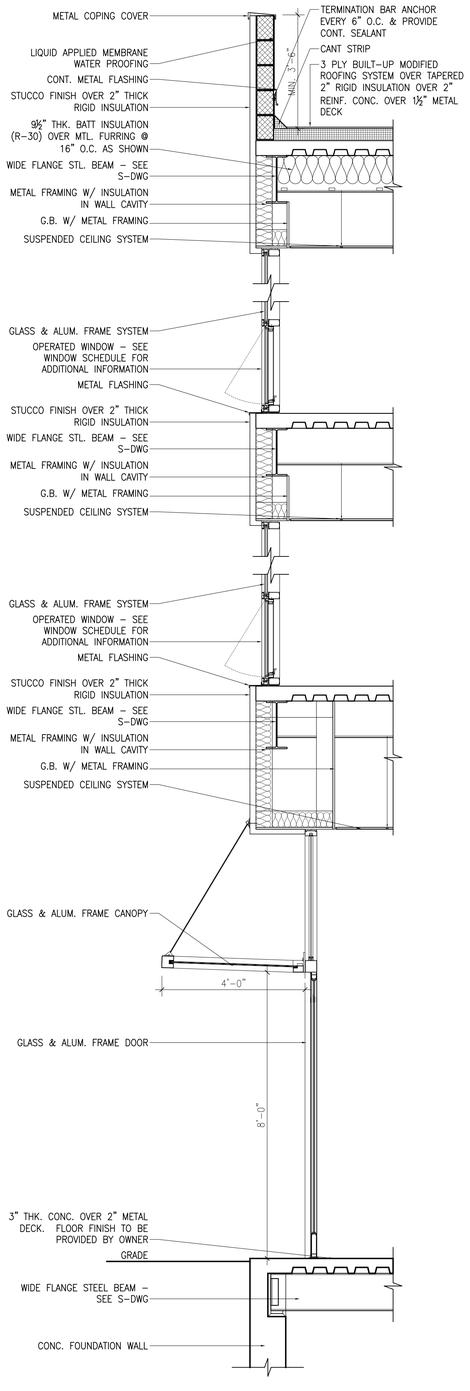
Drawing Title:

ROOF FLOOR REFLECTED CEILING PLAN

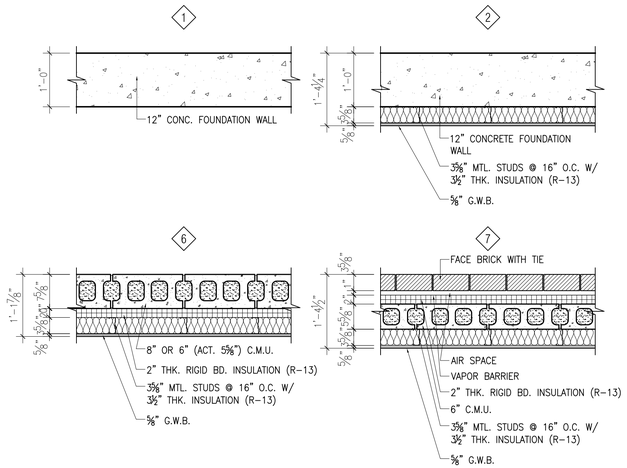
Application No.:

Seal & Signature

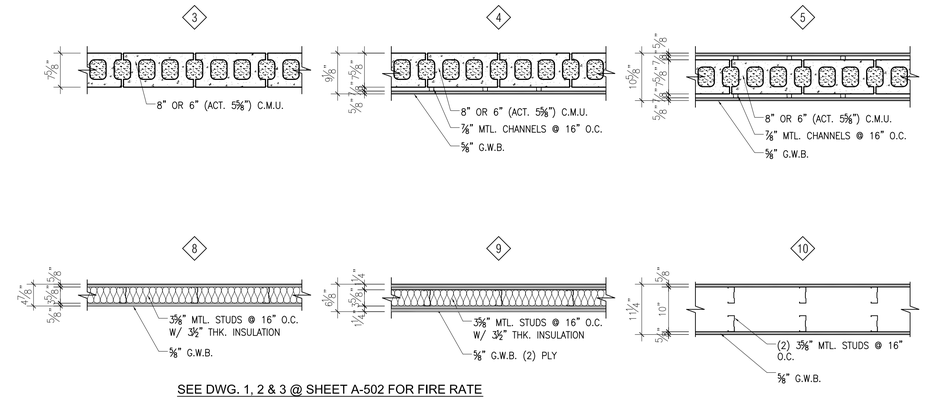
Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: A-406.00
Sheet No.: 22 OF 54



1 A-501 **TYP. EXTERIOR WALL SECTION**
SCALE : 1/2" = 1'-0"

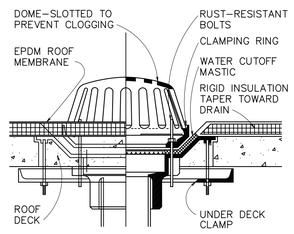


2 A-501 **TYP. WALL TYPE**
SCALE : N.T.S.

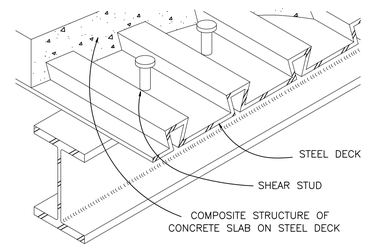


SEE DWG. 1, 2 & 3 @ SHEET A-502 FOR FIRE RATE

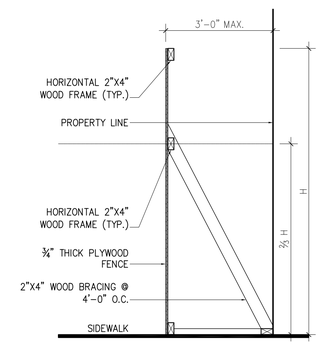
NOTE:
1. ALL ⅝" THICK GYPSUM BOARD SHALL BE TYPE 'X' AND JOINTS SHALL STAGGERED.



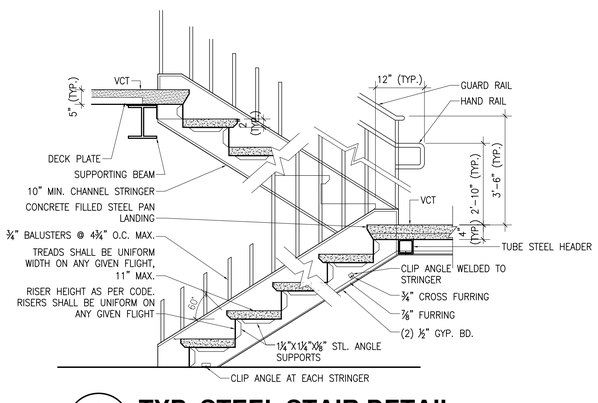
3 A-501 **TYP. ROOF DRAIN DETAIL**
SCALE : N.T.S.



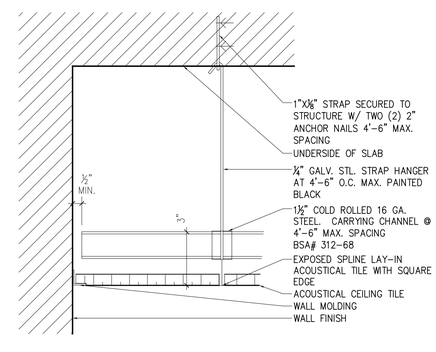
4 A-501 **TYP. METAL DECK DETAIL**
SCALE : N.T.S.



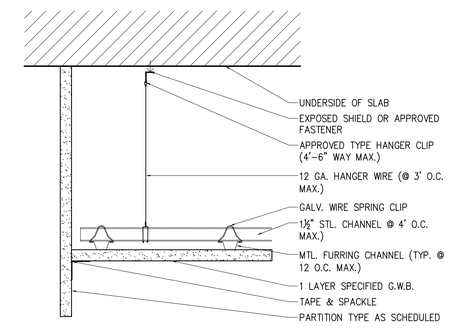
5 A-501 **CONSTRUCTION FENCE DETAIL**
SCALE : N.T.S.



6 A-501 **TYP. STEEL STAIR DETAIL**
SCALE : N.T.S.



7 A-501 **TYP. DROP CEILING DETAIL**
SCALE : 3" = 1'-0"



8 A-501 **TYP. G.W.B. CEILING DETAIL**
SCALE : 3" = 1'-0"

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:
NEW 3 STORY COMMERCIAL BUILDING
211-02 NORTHERN BLVD.
QUEENS, NY 11361

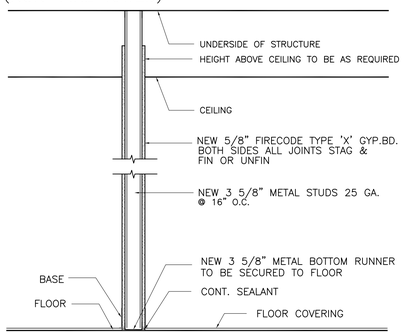
Drawing Title:
DETAILS

Application No.:

Seal & Signature

Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: A-501.00
Sheet No.: 23 OF 54

(NON–FIRE RATED)

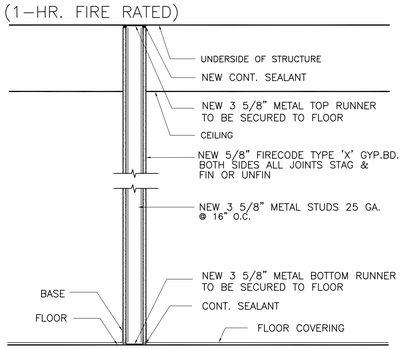


STUD SIZE	STUD SPACING	STUD HEIGHT	GYP. BD. HEIGHT	FIRE	WALL THICKNESS	BSA
3 5/8" 25 GA	16"O.C.	TO UNDER SIDE SLAB ABOVE	FULL HEIGHT	RATING 1HR	4–7/8"	APPROVED NO. 173–77–SM

1 / A-502 TYPICAL DRYWALL DETAIL

SCALE : N.T.S.

(1–HR. FIRE RATED)

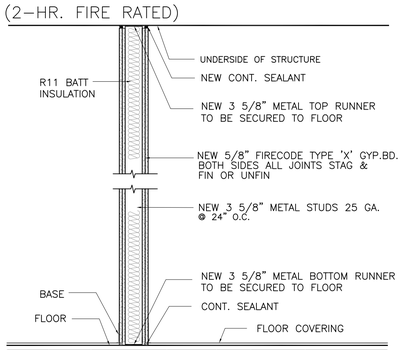


STUD SIZE	STUD SPACING	STUD HEIGHT	GYP. BD. HEIGHT	FIRE	WALL THICKNESS	BSA
3 5/8" 25 GA	16"O.C.	TO UNDER SIDE SLAB ABOVE	FULL HEIGHT	RATING 1HR	4–7/8"	APPROVED NO. 173–77–SM

2 / A-502 TYPICAL DRYWALL DETAIL

SCALE : N.T.S.

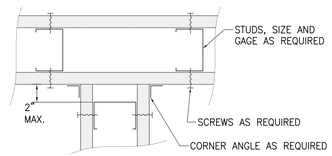
(2–HR. FIRE RATED)



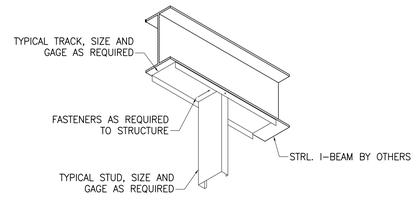
STUD SIZE	STUD SPACING	STUD HEIGHT	GYP. BD. HEIGHT	FIRE	WALL THICKNESS	BSA
3 5/8" 25 GA	24"O.C.	TO UNDER SIDE SLAB ABOVE	FULL HEIGHT	RATING 2HR	6–⅛"	APPROVED NO. 301–60–SM

3 / A-502 TYPICAL DRYWALL DETAIL

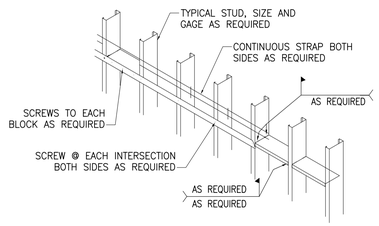
SCALE : N.T.S.



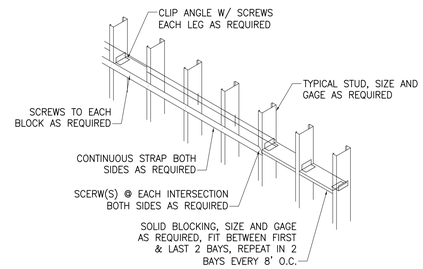
ABUTTING PARTITION DETAIL



CONNECTION TO STRL. I–BEAM



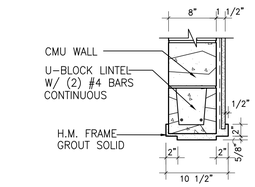
BLOCK AND STRAP BRIDGING



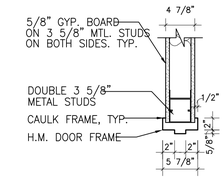
BLOCK AND STRAP BRIDGING

4 / A-502 TYP. METAL STUDS DETAIL

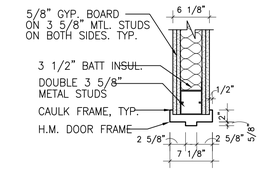
SCALE : 1/2" = 1'-0"



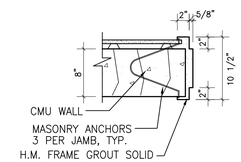
H1 HEAD



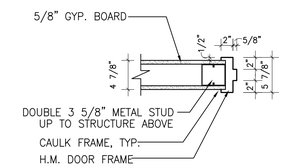
H2 HEAD



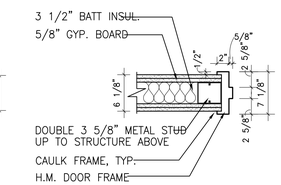
H3 HEAD



J1 JAMB



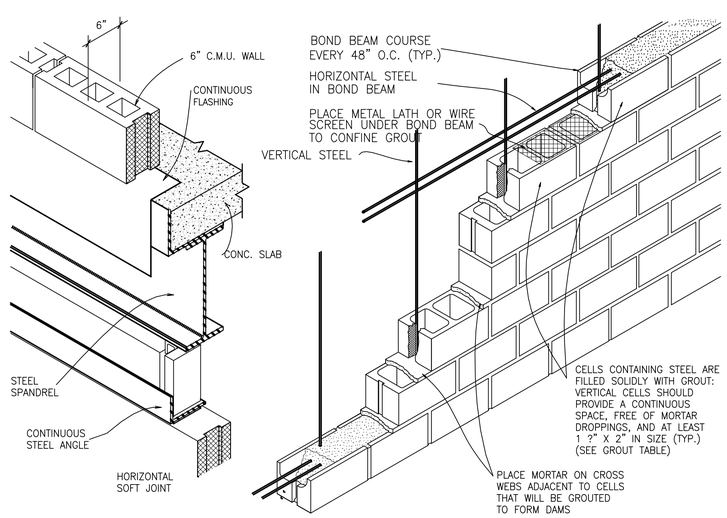
J2 JAMB



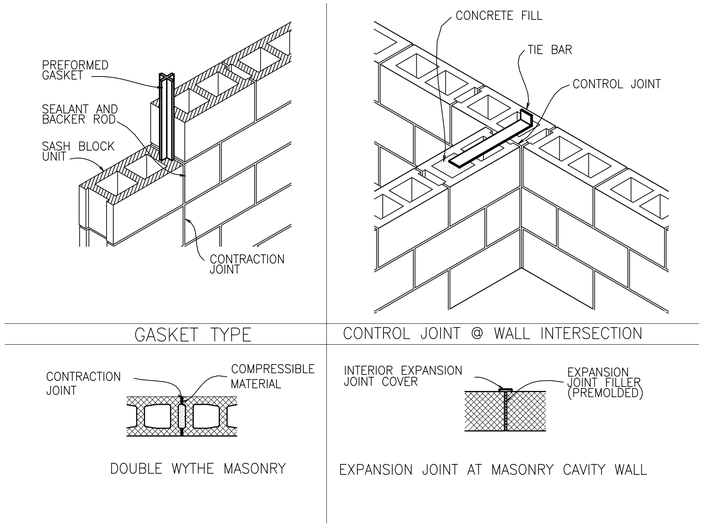
J3 JAMB

5 / A-502 TYP. DOOR FRAME DETAIL

SCALE : N.T.S.



Masonry Work Detail – Typical



Control & Expansion Joint Details

6 / A-502 TYP. MASONRY WORK DETAIL

SCALE : N.T.S.

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

211-02 NORTHERN BLVD.
QUEENS, NY 11361

Drawing Title:

DETAILS

Application No.:

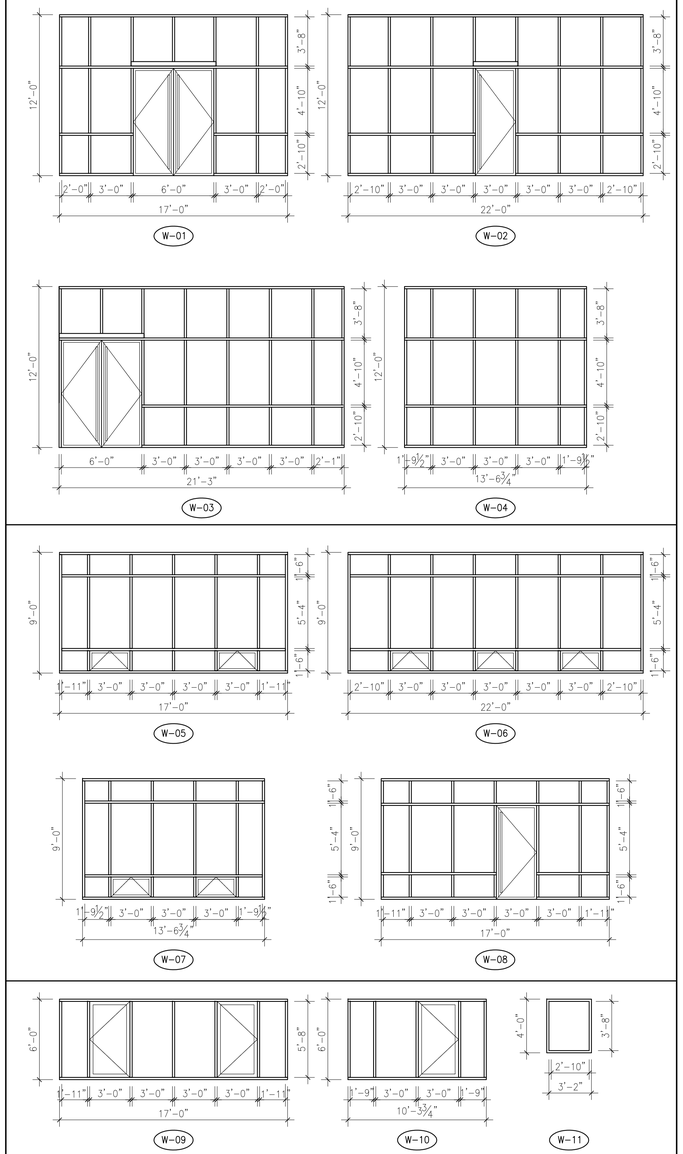
Seal & Signature

Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: A-502.00
Sheet No.: 24 OF 54

WINDOW SCHEDULE

METAL FRAME WITH THERMAL BREAK

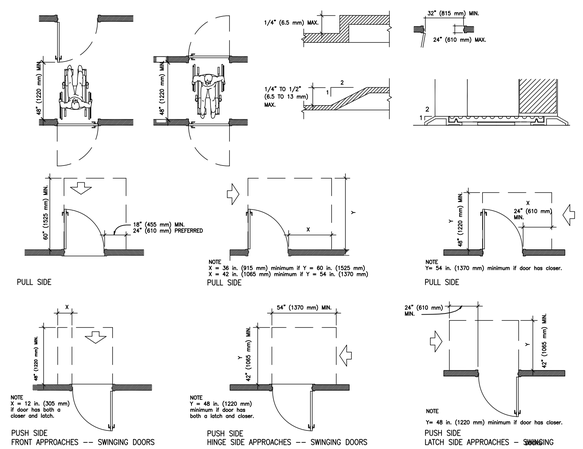
DOUBLE PANE WITH LOW-E, TINTED, U-FACTOR: 0.65, SHGC: 0.60, 0.012 CFM/FT²

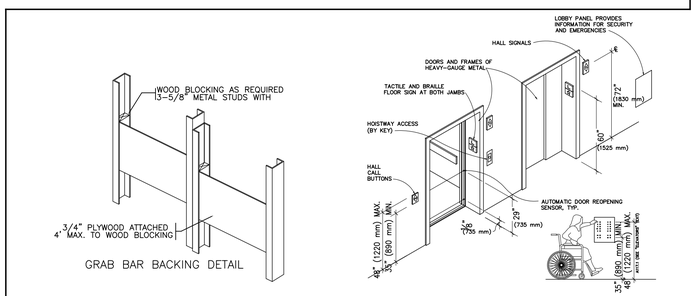


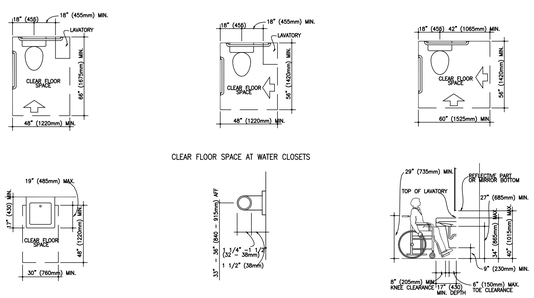
ROOM FINISH SCHEDULE

FLOOR	ROOM	FLOOR	BASE	WALL	CEILING	REMARKS
SUB CELLAR	PARKING LOT	CONC	–	–	–	
	STORAGE 01	CONC	–	PTD GB	PTD GB	
	STORAGE 02	CONC	–	–	–	
	ELEVATOR HALL	VCT	VINYL	PTD GB	PTD GB	
	STAIR 01	VCT, RUBBER	VINYL	PTD GB	PTD GB	
	STAIR 02	VCT, RUBBER	VINYL	PTD GB	PTD GB	
CELLAR	PARKING LOT	CONC	–	–	–	
	METER ROOM	CONC	–	PTD GB	PTD GB	
	STORAGE	CONC	–	PTD GB	PTD GB	
	ELEVATOR HALL	VCT	VINYL	PTD GB	PTD GB	
	STAIR 01	VCT, RUBBER	VINYL	PTD GB	PTD GB	
	STAIR 02	VCT, RUBBER	VINYL	PTD GB	PTD GB	
FIRST FLOOR	RETAIL STORE	VCT	VINYL	PTD GB	DROP CEILING	
	HANDICAP TOILET	CT	CT	PTD GB	DROP CEILING	
	LOBBY	CT	WD	PTD GB	PTD GB	
	STAIR 01	VCT, RUBBER	VINYL	PTD GB	PTD GB	
	STAIR 02	VCT, RUBBER	VINYL	PTD GB	PTD GB	
SECOND FLOOR	OFFICE	VCT	VINYL	PTD GB	DROP CEILING	
	CORRIDOR	VCT	VINYL	PTD GB	DROP CEILING	
	MEN'S ROOM	CT	CT	PTD GB	DROP CEILING	
	WOMEN'S ROOM	CT	CT	PTD GB	DROP CEILING	
	LOBBY	CT	WD	PTD GB	PTD GB	
	STAIR 01	VCT, RUBBER	VINYL	PTD GB	PTD GB	
	STAIR 02	VCT, RUBBER	VINYL	PTD GB	PTD GB	
THIRD FLOOR	MEDICAL OFFICE	VCT	VINYL	PTD GB	DROP CEILING	
	CORRIDOR	VCT	VINYL	PTD GB	DROP CEILING	
	MEN'S HANDICAP TOILET	CT	CT	PTD GB	DROP CEILING	
	WOMEN'S HANDICAP TOILET	CT	CT	PTD GB	DROP CEILING	
	BOILER ROOM	EPOXY	–	PTD GB	PTD GB	
	LOBBY	CT	WD	PTD GB	PTD GB	
	STAIR 01	VCT, RUBBER	VINYL	PTD GB	PTD GB	
	STAIR 02	VCT, RUBBER	VINYL	PTD GB	PTD GB	
ROOF	LOBBY	VCT	VINYL	PTD GB	PTD GB	
	ELEVATOR MECHANICAL ROOM	CONC	–	PTD GB	PTD GB	
	STAIR 01	VCT, RUBBER	VINYL	PTD GB	PTD GB	
	STAIR 02	VCT, RUBBER	VINYL	PTD GB	PTD GB	
ABBREVIATION	CONC – CONCRETE, PTD – PAINTED, GB – GYPSUM BOARD, VCT – VINYL COMPOSITION TILE, CT – CERAMIC TILE					

HANDICAP DIAGRAMS







DOOR AND FRAME SCHEDULE

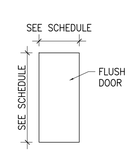
DOOR NO.	DOOR SIZE WDT.	DOOR SIZE HGT.	DOOR SIZE THK.	DOOR MATL.	DOOR FNSH	DOOR TYPE	FRAME MATL.	FRAME FNSH	SADDLE	FIRE RATING	HARDWARE	NOTES
S01	3'-0"	6'-8"	1¾"	HM	PTD	A	MT	PTD	–	90 MIN.	LOCKSET	–
S02	3'-0"	6'-8"	1¾"	HM	PTD	A	MT	PTD	–	90 MIN.	PASSAGE	–
S03	3'-0"	6'-8"	1¾"	HM	PTD	A	MT	PTD	–	90 MIN.	PASSAGE	–
S04	3'-0"	6'-8"	1¾"	HM	PTD	A	MT	PTD	–	90 MIN.	LOCKSET	–
S05	3'-0"	6'-8"	1¾"	HM	PTD	A	MT	PTD	–	90 MIN.	PASSAGE	–
C01	3'-0"	6'-8"	1¾"	HM	PTD	A	MT	PTD	–	90 MIN.	PASSAGE	–
C02	3'-0"	6'-8"	1¾"	HM	PTD	A	MT	PTD	–	90 MIN.	PASSAGE	–
C03	3'-0"	6'-8"	1¾"	HM	PTD	A	MT	PTD	–	90 MIN.	LOCKSET	–
C04	3'-0"	6'-8"	1¾"	HM	PTD	A	MT	PTD	–	90 MIN.	PASSAGE	–
C05	3'-0"	6'-8"	1¾"	HM	PTD	A	MT	PTD	–	90 MIN.	LOCKSET	–
C06	3'-0"	6'-8"	1¾"	HM	PTD	A	MT	PTD	–	90 MIN.	PASSAGE	–
101	3'-0"	7'-0"	1¾"	HM	PTD	A	MT	PTD	AS	–	LOCKSET	INSULATED, SEE DOOR NOTE 9
102	3'-0"	7'-0"	1¾"	HM	PTD	A	MT	PTD	AS	–	LOCKSET	INSULATED, SEE DOOR NOTE 9
103	3'-0"	7'-0"	1¾"	HM	PTD	A	MT	PTD	AS	–	LOCKSET	INSULATED, SEE DOOR NOTE 9
104	3'-0"	7'-0"	1¾"	HM	PTD	A	MT	PTD	AS	–	LOCKSET	INSULATED, SEE DOOR NOTE 9
105	3'-0"	7'-0"	1¾"	HM	PTD	A	MT	PTD	AS	–	PASSAGE	INSULATED, SEE DOOR NOTE 9
106	3'-0"	6'-8"	1¾"	HM	PTD	A	MT	PTD	–	90 MIN.	PASSAGE	–
107	3'-0"	6'-8"	1¾"	SC-WD	POLY	A	WD	PTD	AS	–	PRIVACY	–
108	3'-0"	6'-8"	1¾"	SC-WD	POLY	A	WD	PTD	AS	–	PRIVACY	–
109	3'-0"	6'-8"	1¾"	SC-WD	POLY	A	WD	PTD	AS	–	PRIVACY	–
110	3'-0"	6'-8"	1¾"	SC-WD	POLY	A	WD	PTD	AS	–	PRIVACY	–
111	3'-0"	6'-8"	1¾"	HM	PTD	A	MT	PTD	–	90 MIN.	PASSAGE	–
201	3'-0"	6'-8"	1¾"	HM	PTD	A	MT	PTD	–	90 MIN.	PASSAGE	–
202	3'-0"	6'-8"	1¾"	SC-WD	POLY	A	WD	PTD	–	90 MIN.	LOCKSET	–
203	3'-0"	6'-8"	1¾"	SC-WD	POLY	A	WD	PTD	–	90 MIN.	LOCKSET	–
204	3'-0"	6'-8"	1¾"	SC-WD	POLY	A	WD	PTD	–	90 MIN.	LOCKSET	–
205	3'-0"	6'-8"	1¾"	SC-WD	POLY	A	WD	PTD	–	–	PASSAGE	–
206	3'-0"	6'-8"	1¾"	HM	PTD	A	MT	PTD	–	90 MIN.	PASSAGE	–
207	3'-0"	6'-8"	1¾"	SC-WD	POLY	A	WD	PTD	–	–	PASSAGE	–
208	3'-0"	6'-8"	1¾"	SC-WD	POLY	A	WD	PTD	–	90 MIN.	LOCKSET	–
209	3'-0"	6'-8"	1¾"	SC-WD	POLY	A	WD	PTD	–	90 MIN.	LOCKSET	–
210	3'-0"	6'-8"	1¾"	SC-WD	POLY	A	WD	PTD	–	90 MIN.	LOCKSET	–
211	3'-0"	6'-8"	1¾"	SC-WD	POLY	A	WD	PTD	–	90 MIN.	LOCKSET	–
212	3'-0"	6'-8"	1¾"	SC-WD	POLY	A	WD	PTD	–	90 MIN.	LOCKSET	–
301	3'-0"	6'-8"	1¾"	HM	PTD	A	MT	PTD	–	90 MIN.	PASSAGE	–
302	3'-0"	6'-8"	1¾"	HM	PTD	A	MT	PTD	–	90 MIN.	PASSAGE	–
303	3'-0"	6'-8"	1¾"	HM	PTD	A	MT	PTD	–	90 MIN.	PASSAGE	–
304	3'-0"	6'-8"	1¾"	SC-WD	POLY	A	WD	PTD	–	90 MIN.	LOCKSET	–
305	3'-0"	6'-8"	1¾"	SC-WD	POLY	A	WD	PTD	–	90 MIN.	LOCKSET	–
306	3'-0"	6'-8"	1¾"	SC-WD	POLY	A	WD	PTD	–	90 MIN.	LOCKSET	–
307	3'-0"	6'-8"	1¾"	SC-WD	POLY	A	WD	PTD	–	–	PRIVACY	–
308	3'-0"	6'-8"	1¾"	SC-WD	POLY	A	WD	PTD	–	–	PRIVACY	–
309	3'-0"	6'-8"	1¾"	HM	PTD	A	MT	PTD	–	90 MIN.	PASSAGE	–
310	3'-0"	6'-8"	1¾"	HM	PTD	A	MT	PTD	–	90 MIN.	LOCKSET	–
311	3'-0"	6'-8"	1¾"	SC-WD	POLY	A	WD	PTD	–	90 MIN.	LOCKSET	–
401	3'-0"	6'-8"	1¾"	HM	PTD	A	MT	PTD	–	90 MIN.	PASSAGE	–
402	3'-0"	6'-8"	1¾"	HM	PTD	A	MT	PTD	AS	–	PASSAGE	INSULATED, SEE DOOR NOTE 9
403	3'-0"	6'-8"	1¾"	HM	PTD	A	MT	PTD	–	90 MIN.	LOCKSET	–
404	3'-0"	6'-8"	1¾"	HM	PTD	A	MT	PTD	AS	–	PASSAGE	INSULATED, SEE DOOR NOTE 9
112	(2)3'-0"	8'-0"	–	–	–	–	–	–	AS	–	PASSAGE	SEE WINDOW SCHEDULE
113	3'-0"	8'-0"	–	–	–	–	–	–	AS	–	LOCKSET	SEE WINDOW SCHEDULE
114	(2)3'-0"	8'-0"	–	–	–	–	–	–	AS	–	LOCKSET	SEE WINDOW SCHEDULE
115	(2)3'-0"	8'-0"	–	–	–	–	–	–	AS	–	LOCKSET	SEE WINDOW SCHEDULE
116	(2)3'-0"	8'-0"	–	–	–	–	–	–	AS	–	LOCKSET	SEE WINDOW SCHEDULE
117	(2)3'-0"	8'-0"	–	–	–	–	–	–	AS	–	LOCKSET	SEE WINDOW SCHEDULE
118	(2)3'-0"	8'-0"	–	–	–	–	–	–	AS	–	LOCKSET	SEE WINDOW SCHEDULE
312	3'-0"	7'-0"	–	–	–	–	–	–	AS	–	LOCKSET	SEE WINDOW SCHEDULE
313	3'-0"	7'-0"	–	–	–	–	–	–	AS	–	LOCKSET	SEE WINDOW SCHEDULE
314	3'-0"	7'-0"	–	–	–	–	–	–	AS	–	LOCKSET	SEE WINDOW SCHEDULE
315	3'-0"	7'-0"	–	–	–	–	–	–	AS	–	LOCKSET	SEE WINDOW SCHEDULE
316	3'-0"	7'-0"	–	–	–	–	–	–	AS	–	LOCKSET	SEE WINDOW SCHEDULE

DOOR NOTES

1. ALL WOOD DOORS (WD) SHALL BE SOLID CORE WITH LABEL AS NOTED ON DRAWING. DOORS SHALL HAVE MEDIUM OAK FINISH. CONTRACTOR TO SUBMIT SAMPLE TO OWNER FOR APPROVAL.
2. ALL HARDWARE SHALL BE RECESSED.
3. ALL DOORS HAVE FRAMES LOCATED IN CORRIDOR TO BE HAVE A MINIMUM 90 MINUTES FIRE RESISTANCE RATING.
4. SAMPLE OF ALL HARDWARE TO BE SUBMITTED TO OWNER FOR APPROVAL.
5. ALL LOCKSET AND LATCH SETS SHALL BE LEVER TYPE TO COMPLY WITH A.D.A.
6. CONTRACTOR TO FIELD VERIFY ALL WALL CONSTRUCTION PRIOR TO ORDERING HARDWARE AND FRAME. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION.
7. CONTRACTOR SHALL PROVIDE A MASTER KEY SYSTEM WITH SUB MASTER. COORDINATE WITH OWNER.
8. CONTRACTOR SHALL PROVIDE TO OWNER ALTERNATE COST TO PROVIDE ALL PAINTED HOLLOW METAL DOORS IN LIEU OF WOOD.
9. METAL EXTERIOR DOOR SHALL BE U-FACTOR 0.091 AND AIR LEAKAGE RATE 0.04 CFM/FT².

HARDWARE NOTES

1. PANIC HARDWARE SHALL HAVE THE ACTIVITY MEMBER MOUNTED AT A HEIGHT OF NOT LESS THAN 30 INCHES NOR MORE THAN 44 INCHES ABOVE FINISHED FLOOR. ALL HARDWARE SHALL BE CENTERED BETWEEN 39 AND 44 INCHES ABOVE THE FLOOR FOR HAND-ACTIVITED HARDWARE THERE SHALL BE NO GRASP TYPE DOOR KNOBS.
2. PROVIDE PANIC HARDWARE AT ALL CORRIDOR DOORS AND AT ALL ROOMS OVER 1,000 SQUARE FEET.
3. BATHROOM DOOR DESIGNED TO UNLOCK FROM OUTSIDE IN HANDICAP TOILET.
4. ALL HARDWARE IS TO BE BRUSHED ALUMINUM.
5. ALL ROOMS ARE TO HAVE LEVER DOOR KNOB EXCEPT THOSE AREAS DENOTED AS HANDICAPPED, UNLESS CODES REQUIRED ALL LEVER THROUGHOUT.
6. ALL DOORS TO HAVE DOOR STOPS.
7. PROVIDE DOOR CLOSER AT ALL FIRE RATED DOORS AND ALL EXTERIOR DOORS.



TYPE: A

1 / A-601 **DOOR TYPES**
SCALE: 3/16"=1'-0"

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

211-02 NORTHERN BLVD.
QUEENS, NY 11361

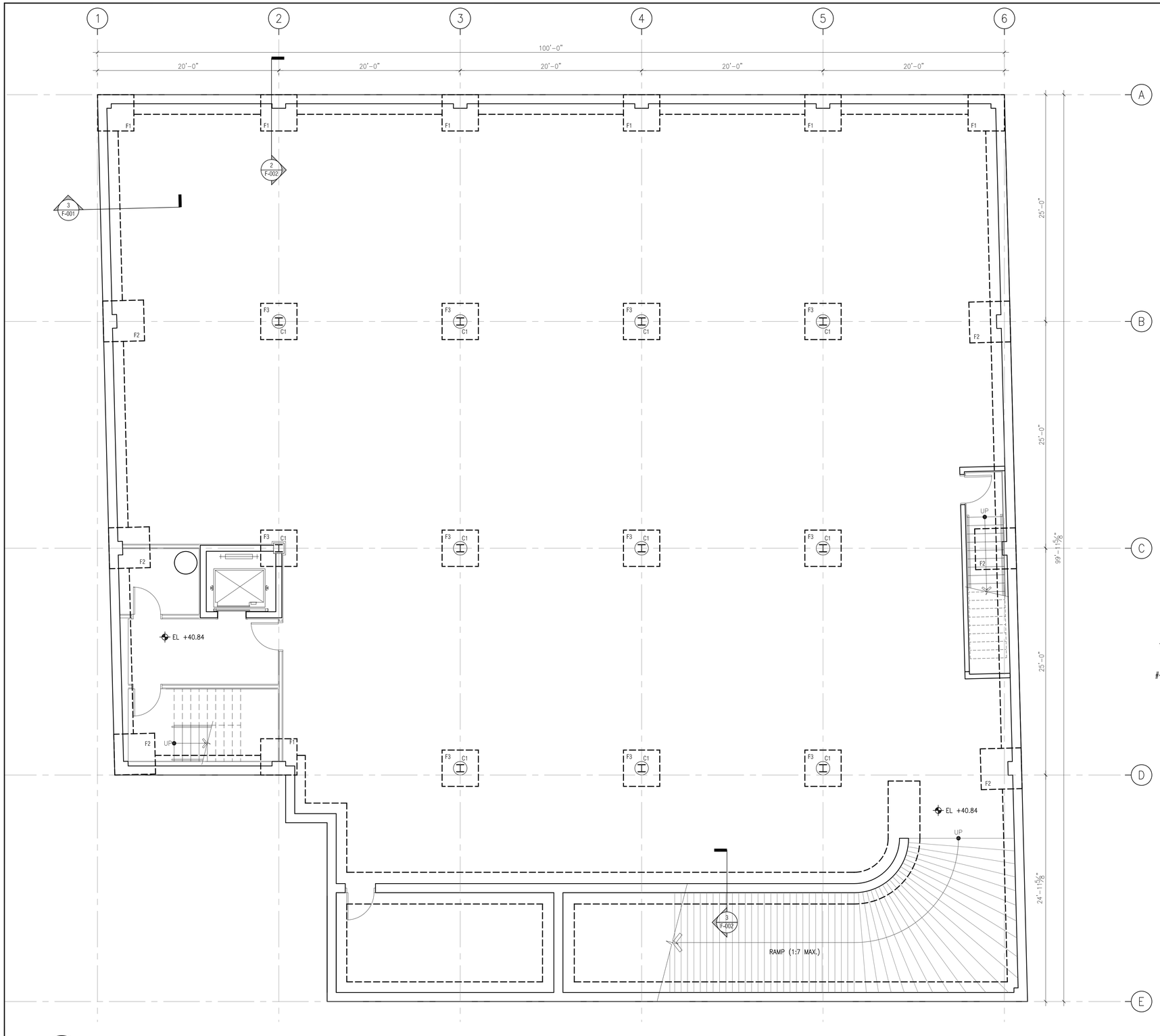
Drawing Title:

SCHEDULES, HANDICAP DIAGRAM & DETAILS

Application No.:

Seal & Signature

Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: A-601.00
Sheet No.: 25 OF 54



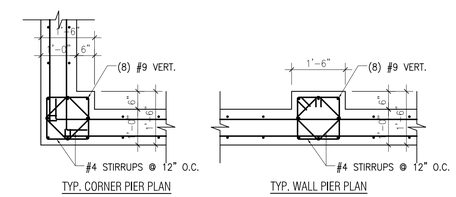
1 F-001 SUB CELLAR FOUNDATION PLAN

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

FOOTING SCHEDULE		
FOOTING NO.	DIMENSIONS	REINFORCEMENT
F1	4'-0" X 4'-0" X 2'-6"	5-#8 @ BOTH WAYS
F2	4'-6" X 4'-6" X 3'-0"	6-#8 @ BOTH WAYS
F3	4'-0" X 4'-0" X 3'-0"	5-#8 @ BOTH WAYS

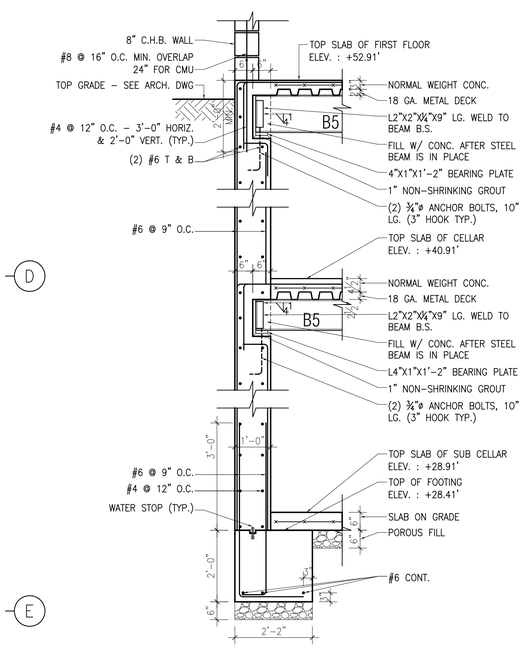
NOTES:

1. TOP OF SLAB ELEVATION (28.91') UNLESS OTHERWISE NOTED (U.O.N.).
2. 6" SLAB ON GRADE ON 6" POROUS FILL REINF. WITH 6 X 6 - W 2.9 X W 2.9 WWF U.O.N.
3. TOP OF FOOTING ELEVATION (28.41') U.O.N. THUS DASHED LINES ON PLAN. FOR FOOTING SIZE & REINF. SEE FOOTING SCHEDULE.
4. CENTER LINE OF FOOTING SHALL COINCIDE WITH COLUMN CENTER LINE AS SHOWN ON DRAWING.
5. SOIL UNDER SLAB ON GRADE, GRADE BEAM, AND FOOTING SHALL BE PROPERLY COMPACTED TO ACHIEVE MINIMUM 3.0 TONS PER SQUARE FOOT (6.0 KSF) SOIL BEARING CAPACITY.
6. CONTRACTOR SHALL VERIFY THE EXISTING FOOTING OF ADJACENT BUILDING IN THE FIELD BEFORE COMMENCING THE WORK. PROVIDE PROPER UNDERPINNING, AT EXISTING FOUNDATION AS NEEDED UNDER SEPARATE APPLICATION.
7. GENERAL CONTRACTOR SHALL HIRE CERTIFIED SUB-CONTRACTOR AND PROFESSIONAL ENGINEERS TO PERFORM THE EARTH WORKS SUCH AS UNDERPINNING, SHORING, SHEET PILING, ETC. AND SEALED & SIGNED THE TECHNICAL REPORT (TR-1, TR-2, TR-3 AND ETC. AS NEEDED) FOR NYC BUILDING DEPARTMENT. AND SHALL PROVIDE SEPARATE APPLICATION AS REQUIRED BY NYC DOB BUILDING CODE.
8. GENERAL CONTRACTOR AND/OR OWNER SHOULD HIRE CERTIFIED TESTING AGENCY TO PERFORM THE ALL KINDS OF TESTS AND CONTROL INSPECTIONS AND PREPARE THE SEALED & SIGNED TECHNICAL REPORT (TR-1) FOR NYC BUILDING DEPARTMENT.



2 F-001 PIER PLAN DETAIL

SCALE : 1/2" = 1'-0"



3 F-001 FOUNDATION WALL SECTION

SCALE : 1/2" = 1'-0"

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

211-02 NORTHERN BLVD.
QUEENS, NY 11361

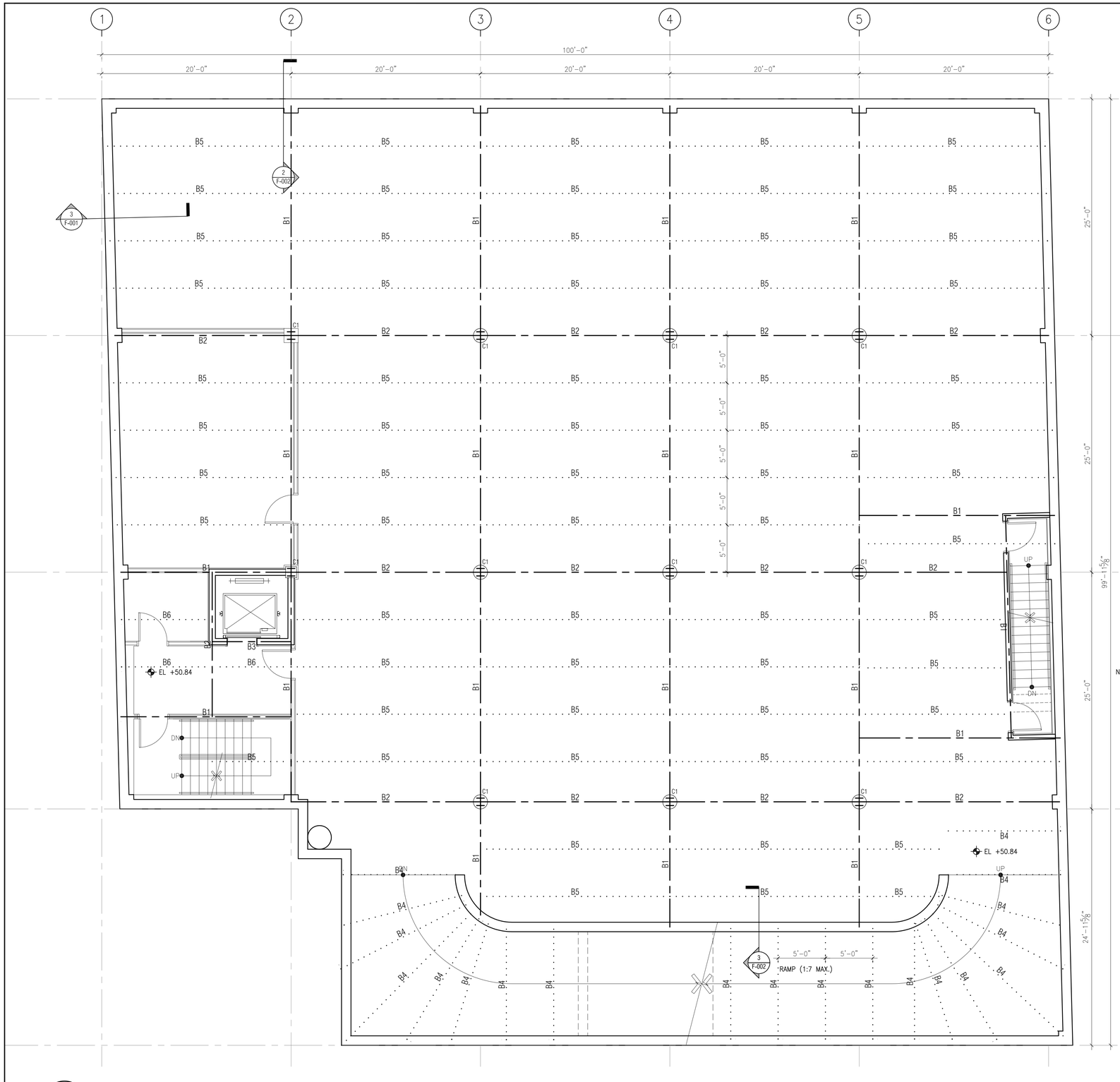
Drawing Title:

SUB CELLAR FOUNDATION PLAN & DETAIL & WALL SECTION

Application No.:

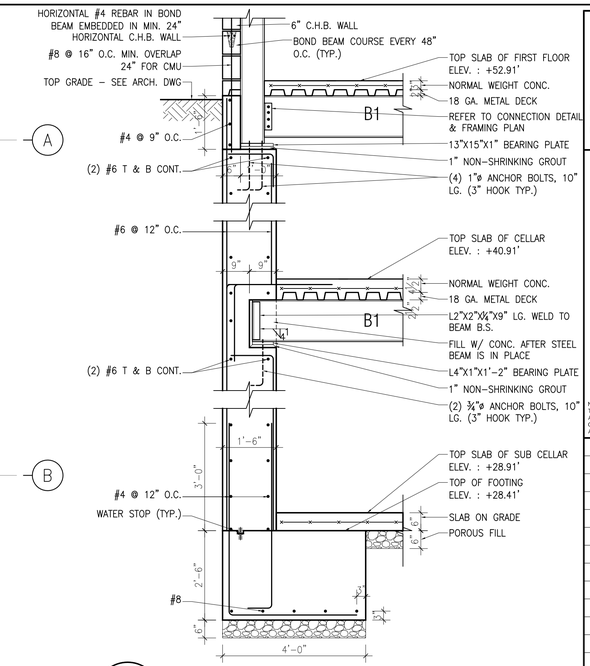
Seal & Signature

Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: F-001.00
Sheet No.: 26 OF 54



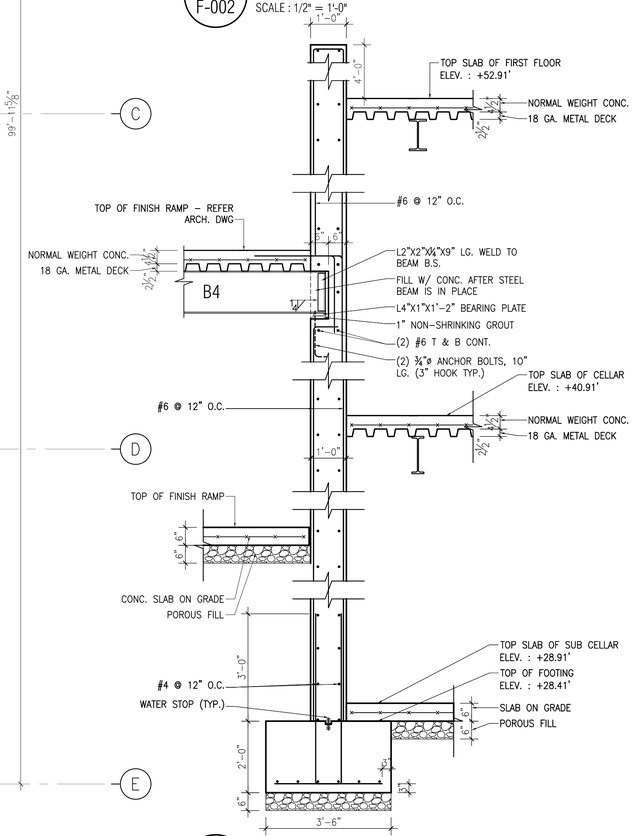
1 F-002 **CELLAR FLOOR FRAMING PLAN**

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



2 F-002 **FOUNDATION WALL SECTION**

SCALE : 1/2" = 1'-0"



3 F-002 **FOUNDATION WALL SECTION**

SCALE : 1/2" = 1'-0"

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

211-02 NORTHERN BLVD.
QUEENS, NY 11361

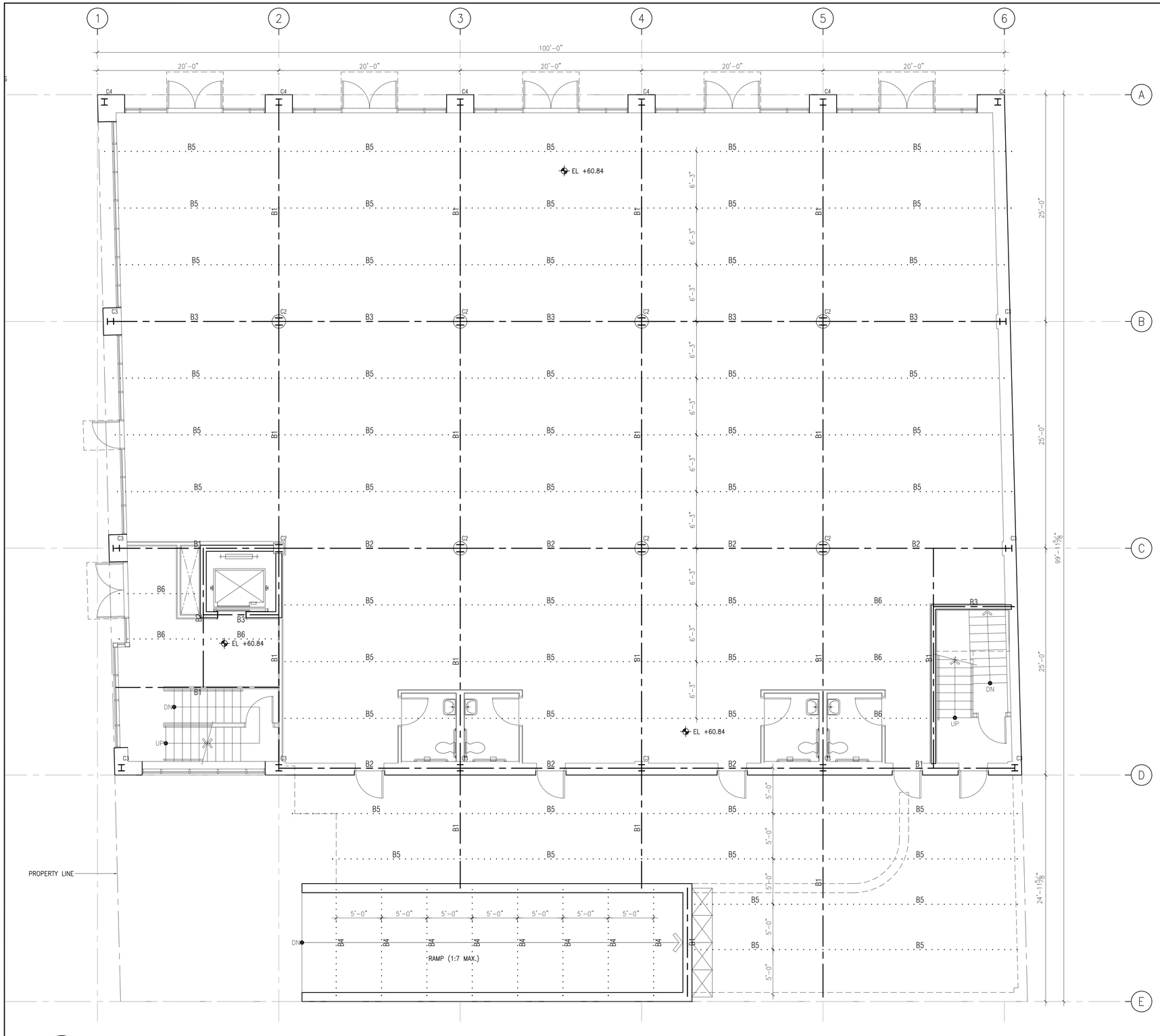
Drawing Title:

CELLAR FLOOR FRAMING PLAN & WALL SECTIONS

Application No.:

Seal & Signature

Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: F-002.00
Sheet No.: 27 OF 54



1 S-001

FIRST FLOOR FRAMING PLAN

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

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

211-02 NORTHERN BLVD.
QUEENS, NY 11361

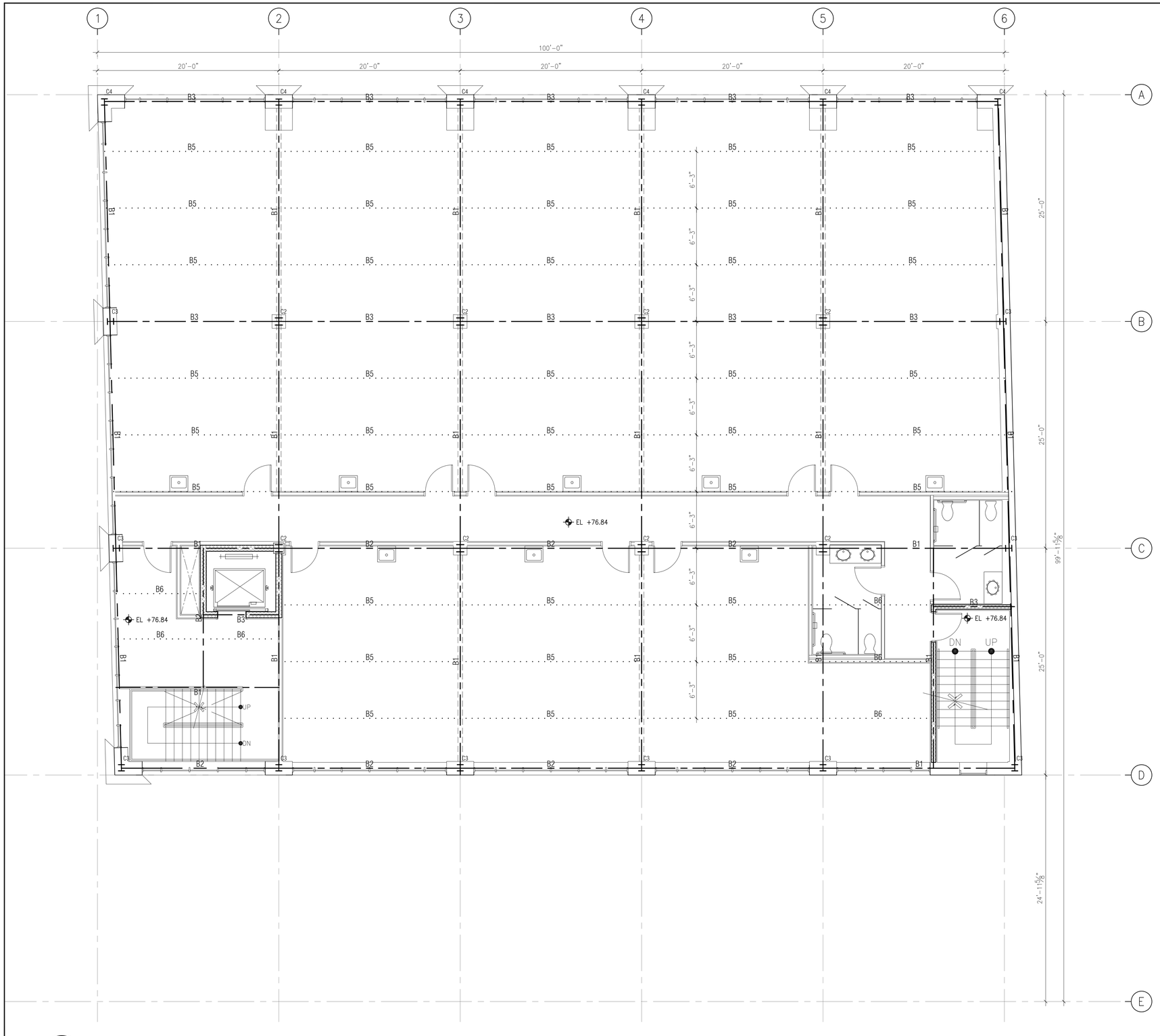
Drawing Title:

FIRST FLOOR FRAMING PLAN

Application No.:

Seal & Signature

Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: S-001.00
Sheet No.: 28 OF 54



1 / S-002 **SECOND FLOOR FRAMING PLAN**

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

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

211-02 NORTHERN BLVD.
QUEENS, NY 11361

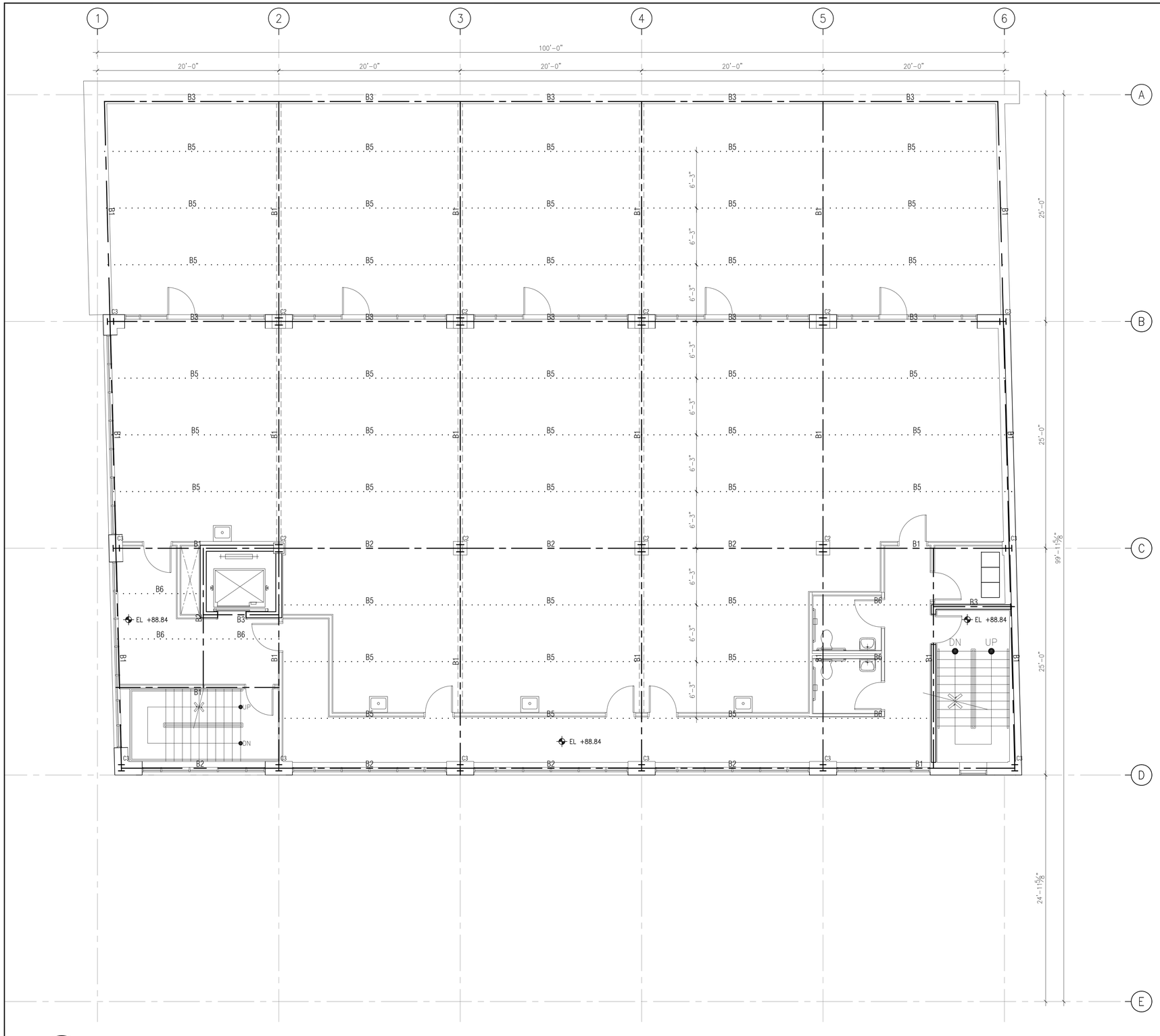
Drawing Title:

SECOND FLOOR FRAMING PLAN

Application No.:

Seal & Signature

Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: S-002.00
Sheet No.: 29 OF 54



1
S-003

THIRD FLOOR FRAMING PLAN

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

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

211-02 NORTHERN BLVD.
QUEENS, NY 11361

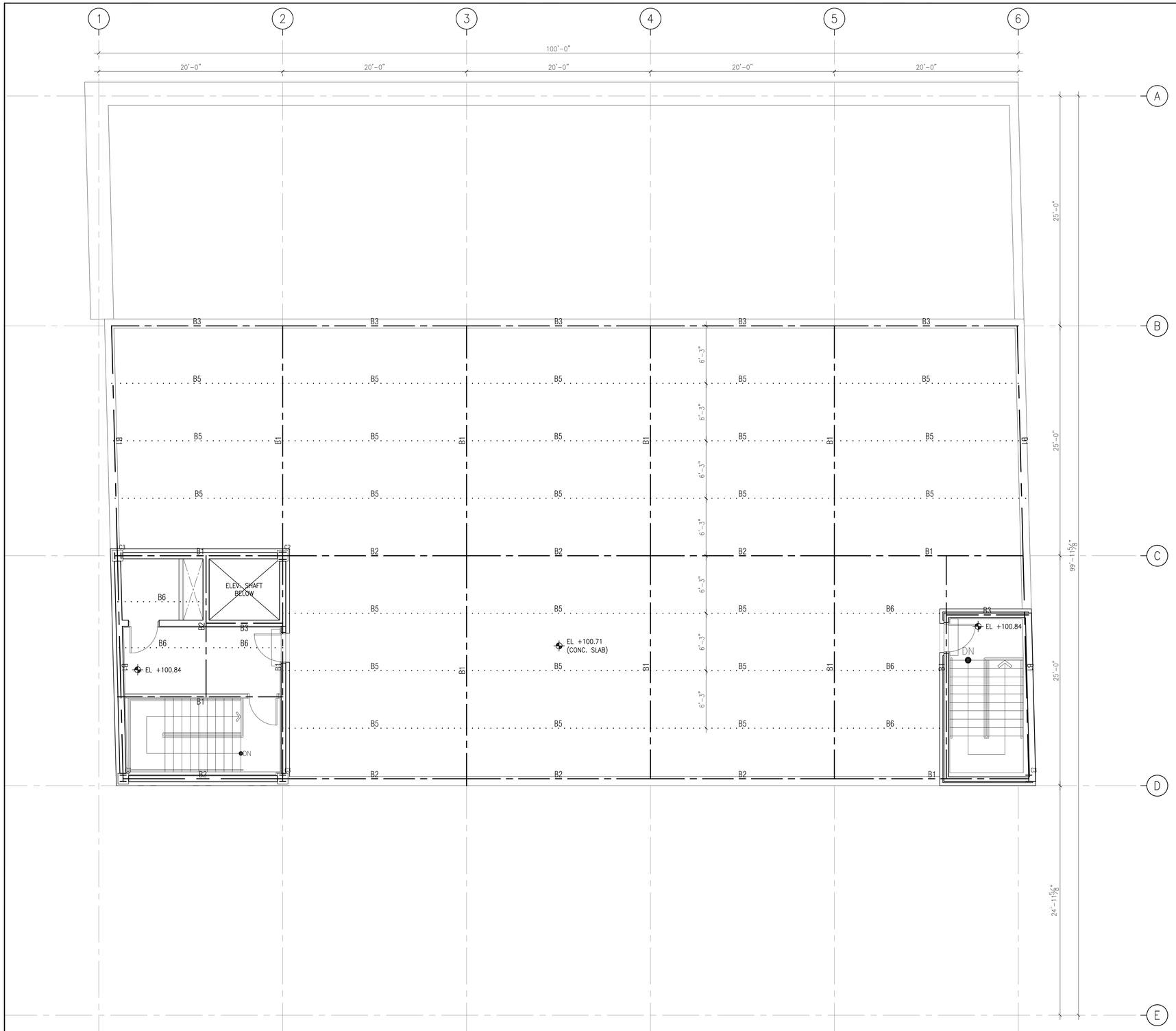
Drawing Title:

THIRD FLOOR FRAMING PLAN

Application No.:

Seal & Signature

Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: S-003.00
Sheet No.: 30 OF 54



1 S-004

ROOF FLOOR FRAMING PLAN

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

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

211-02 NORTHERN BLVD.
QUEENS, NY 11361

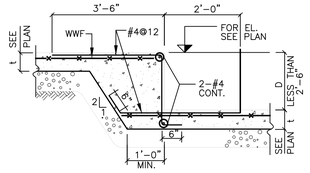
Drawing Title:

ROOF FLOOR FRAMING PLAN

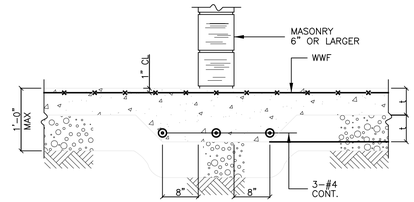
Application No.:

Seal & Signature

Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: S-004.00
Sheet No.: 31 OF 54



TYPICAL CHANGE IN ELEVATION DETAIL AT SLAB ON GRADE



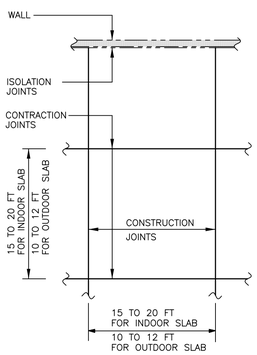
TYPICAL SLAB ON GRADE DETAIL UNDER NON-BEARING MASONRY WALL

LOOSE LINTEL SCHEDULE

OPNG WIDTH (MAX)	WALL THICKNESS			REMARKS
	4 INCH	6 INCH	8 INCH	
2'-0"	3 1/2 X 3 1/2 X 3 1/2	6 X 4 X 5/16	3 1/2 X 3 1/2 X 3 1/4	
4'-0"	3 1/2 X 3 1/2 X 3 5/16	6 X 4 X 5/16	3 1/2 X 3 1/2 X 3 5/16	
5'-0"	4 X 3 1/2 X 3/8	6 X 4 X 5/8	4 X 3 1/2 X 5/16	
6'-0"	5 X 3 1/2 X 3/8	6 X 4 X 5/8	5 X 3 1/2 X 5/16	
7'-0"	5 X 3 1/2 X 3/8	5 X 5 X 1/2	5 X 3 1/2 X 3/8	
8'-0"	5 X 3 1/2 X 3/8	5 X 5 X 5/8	5 X 3 1/2 X 3/8	

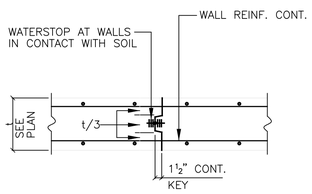
NOTES:

1. SIZES SHOWN ARE ANGLE SIZES IN INCHES.
2. TWO ANGLES AT ALL OPENINGS IN 8 INCH WALLS. FURNISH LINTELS 12 INCHES LONGER THAN THE WIDTH



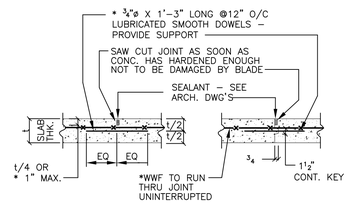
JOINT LAYOUT

NOTE: CAST SLAB IN A LANE PATTERN



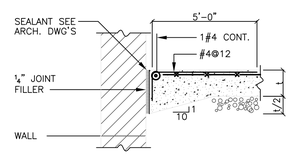
PLAN SECTION

TYPICAL WALL CONSTRUCTION JOINT



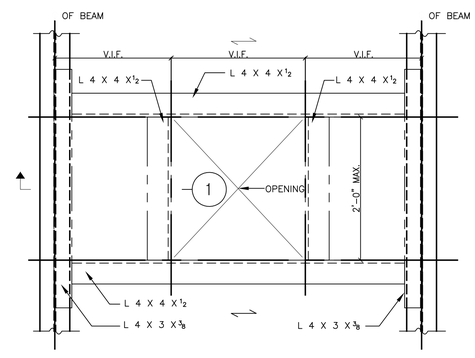
CONTRACTION JOINT

CONSTRUCTION JOINT



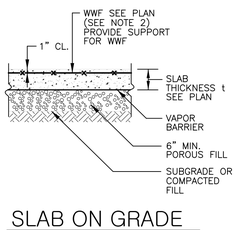
ISOLATION JOINT

TYPICAL SLAB ON GRADE DETAILS



TYPICAL SLAB OPENING DETAIL

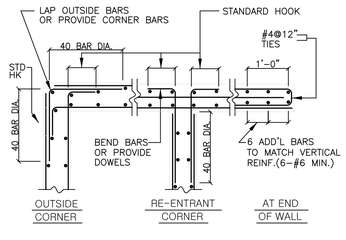
NOTE : DIRECTION OF METAL DECK SHOWN THUS ⟷ ON PLAN



SLAB ON GRADE CROSS SECTION

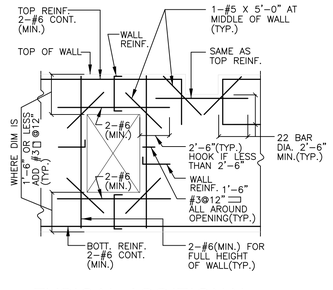
NOTES:

1. CONCRETE TO CONTAIN SUPERPLASTICIZER.
2. FIBER REINFORCEMENT MAY BE USED AS ALTERNATE TO WWF.
3. APPLY EVAPORATION RETARDANT IMMEDIATELY AFTER SCREEDING.

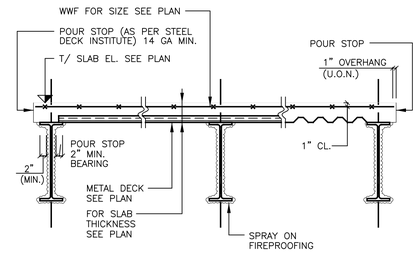


NOTE: CORNER BARS AND/OR DOWELS TO MATCH HORIZONTAL REINFORCING

DETAILS FOR HORIZONTAL REINFORCING AT CORNERS OF CONCRETE WALLS



TYPICAL ADDITIONAL REINFORCING AT OPENINGS IN CONCRETE WALL



TYPICAL CONCRETE SLAB ON METAL DECK DETAIL

NOTES

GENERAL NOTES :

1. DESIGN IS IN ACCORDANCE WITH THE LATEST EDITION OF THE NEW YORK CITY BUILDING CODE.
2. THE STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE SPECIFICATIONS, ARCHITECTURAL, AND MECHANICAL DRAWINGS.
3. DETAILS SHOWN AS TYPICAL ARE APPLICABLE TO ALL SIMILAR CONDITIONS.

FOUNDATIONS :

1. ASSUMED SOIL BEARING CAPACITY SHALL BE MINIMUM 2.0 TONS PER SQUARE FOOT (4.0 KSF). THE CONTRACTOR SHALL RETAIN THE SERVICES OF A PROFESSIONAL ENGINEER, REGISTERED IN THE STATE OF NEW YORK, TO VERIFY THE MINIMUM SOIL BEARING CAPACITY.
2. NO BACKFILL SHALL BE PLACED AGAINST FOUNDATION WALLS AND AIR-WAY WALL UNTIL TEMPORARY BRACINGS HAVE BEEN CONSTRUCTED OR FLOOR SLABS PROTECTED BY FOUNDATION WALLS ARE IN PLACE, WHICH ATTAIN THE REQUIRED DESIGN CONCRETE STRENGTH.

REINFORCED CONCRETE :

1. ALL CONCRETE WORK SHALL CONFORM TO THE LATEST A.C.I. "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" (ACI 318) AND NYC BUILDING CODE.
2. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS

A. TOPPING ON METAL DECK 3,000 PSI LIGHT WEIGHT CONCRETE
B. FOOTING AND FOUNDATION WALLS, BEAMS, COLUMNS 4,000 PSI NORMAL WEIGHT CONCRETE

3. ALL REINFORCING BARS SHALL BE DEFORMED STEEL CONFORMING TO A.S.T.M. A-615 GRADE 60. STIRRUPS AND TIES SHALL CONFORM TO A.S.T.M. A-615 GRADE 40.
4 WELDED WIRE MESH SHALL CONFORM TO A.S.T.M. A-185 AND SHALL HAVE AN ULTIMATE TENSILE STRENGTH OF 70,000 PSI.
5. ALL REINFORCEMENT SHALL BE DETAILED IN ACCORDANCE WITH THE LATEST EDITION OF A.C.I. 316 DETAILING MANUAL.
6. PROVIDE TEMPERATURE REINFORCING AT RIGHT ANGLES TO MAIN REINFORCING I N ONE WAY SLABS IN ACCORDANCE WITH A.C.I. 318 CODE, UNLESS OTHERWISE NOTED ON THE DRAWINGS.
7. PROVIDE CONCRETE COVER FOR ALL REINFORCEMENT AS PER A.C.I. 318 SECTION 7.7, EXCEPT WHERE OTHERWISE NOTED ON PLANS OR SECTIONS.
8. PROVIDE BAR SUPPORTS AND SPACES WITH NON-CORROSIVE TIPS IN ACCORDANCE WITH A.C.I. 316 DETAILING MANUAL.
10. CONCRETE SHALL BE AIR-ENTRAINED WHERE EXPOSED TO WEATHER.
11. AN APPROVED LABORATORY TESTING SHALL BE ENGAGED BY THE OWNER TO TAKE A MINIMUM OF 3 CONCRETE SAMPLES FOR EVERY 50 CUBIC YARDS OF CONCRETE PLACED OR FOR EACH DAY'S WORK.

STRUCTURAL STEEL :

1. ALL STRUCTURAL STEEL WORK SHALL CONFORM TO THE "SPECIFICATIONS FOR DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS" OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION.
2. STRUCTURAL STEEL SHALL CONFORM TO A.S.T.M. A572-GRADE 50, UNLESS OTHERWISE NOTED ON THE DRAWINGS.
3. ALL WELDS SHALL CONFORM TO CODE FOR WELDING IN BUILDING CONSTRUCTION (AWS). ALL ELECTRODE SHALL BE E70XX.
4. HIGH STRENGTH BOLTS SHALL CONFORM TO A.S.T.M. A325 OR A490.
5. ALL BOLTS SHALL BE " ø ASTM A325 UNLESS OTHERWISE NOTED.
6. ALL DETAILS AND CONNECTIONS SHALL CONFORM TO A.I.S.C. SPECIFICATIONS. SHOP CONNECTIONS SHALL BE WELDED OR BOLTED, UNLESS OTHERWISE NOTED.
7. CONTRACTOR SHALL FURNISH ALL PLATES, CLIP ANGLES, AND CONNECTIONS, ETC., AS REQUIRED FOR COMPLETION OF THE STRUCTURE, EVEN IF SUCH ITEMS ARE NOT EXPLICITLY CALLED FOR ON THE STRUCTURAL DRAWINGS.
8. ALL GROOVE WELDS ARE TO BE COMPLETE PENETRATIONS, UNLESS OTHERWISE NOTED.
9. FOR NON-COMPOSITE BEAMS, THE CONNECTIONS USED SHALL BE ADEQUATE TO PROVIDE FOR THE REACTIONS DUE TO THE MAXIMUM UNIFORMLY DISTRIBUTED LOAD THAT THE BEAM IS CAPABLE OF CARRYING FOR ITS SPAN BASED ON ALLOWABLE UNIT STRESSES, EXCEPT WHERE HIGHER REACTIONS ARE SHOWN.
10. STRUCTURAL TUBE SHALL BE ASTM A500 GRADE B.
11. NO EQUIPMENT SHALL BE HUNG FROM BRACING OR STEEL DECK.
12. SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW BEFORE FABRICATION OF STEEL AND PLACING RE-BAR.
13. ALL WELDINGS & HIGH STRENGTH BOLTS SHALL BE TESTED IN ACCORDANCE WITH AISC REQUIREMENTS.
14. ALL STEEL BEAMS SHALL HAVE FLEXIBLE SHEAR CONNECTIONS FOR VALUES GIVEN IN A.I.S.C. SAFE LOAD TABLES. ENDS SHALL BE REINFORCED WHERE REQUIRED DUE TO CUTS AND COPES.
15. ALL WELDING SHALL BE PERFORMED BY QUALIFIED WELDERS, CERTIFIED BY THE CITY OF NEW YORK AND IN ACCORDANCE WITH THE A.W.S. SPECIFICATION'S LATEST EDITION.
16. ALL SPLICED STEEL MEMBERS SHALL DEVELOP THE FULL STRENGTH OF THE SECTION. THE SPLICE MATERIALS SHALL CLEAR ALL ARCHITECTURAL OR MECHANICAL REQUIREMENTS. DETAILS AND EXACT LOCATIONS OF SPLICES SHALL BE CLEARLY SHOWN ON SHOP DRAWINGS.
17. NO TORCH CUTTING SHALL BE ALLOWED IN THE FIELD, EXCEPT FOR LOCATIONS SHOWN ON THE DRAWINGS FOR PORTIONS OF EXISTING BEAMS TO BE REMOVED.
18. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ALL FIELD MEASUREMENTS REQUIRED FOR PROPER FABRICATION AND INSTALLATION OF WORK PRIOR TO DETAILING.
19. IF WELDED SPLICES ARE USED THEY SHALL BE DONE BY PREQUALIFIED FULL PENETRATION GROOVE WELDS. ALL FULL PENETRATION GROOVE WELDS SHALL BE ULTRASONICALLY TESTED. THE CONTRACTOR SHALL ARRANGE FOR SUCH TESTING BY AN INSPECTION LAB APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL BEAR THE COST OF ULTRASONIC TESTING.

MASONRY :

1. ALL MASONRY WORK SHALL CONFORM TO ALL THE REQUIREMENTS OF THE NEW YORK STATE BUILDING CODE INCLUDING REQUIREMENTS RELATING TO PRELIMINARY TESTS, CONTROLLED BUILDING CODE AND ACI 530 LATEST EDITION/ASCE 5 (LATEST EDITION) BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES AND AMENDMENTS.
2. HOLLOW CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C-90, GRADE N, TYPE 1, f'm=2,500 PSI MIN.
3. MORTAR FOR MASONRY SHALL BE TYPE "S" AS PER ASTM C-270 WITH PORTLAND CEMENT. MORTAR COLOR FOR EXPOSED MASONRY TO CONFORM TO ARCHITECTURAL DRAWINGS.
4. GROUT FOR LOAD BEARING WALLS SHALL BE AS PER ASTM C-476, f'm=4,000 PSI MIN.
5. REINFORCING BARS REINFORCED MASONRY SHALL BE IN ACCORDANCE WITH ASTM A-615 GRADE 60, REINFORCEMENT FOR EXTERIOR WALLS TO BE GALVANIZED. FOR CONTINUOUS HORIZONTAL BARS, LAP LENGTH = 48 BAR DIAMETERS. FOR CONTINUOUS VERTICAL BARS, LAP LENGTH = 40 BAR DIAMETERS.
6. VERTICAL CELLS TO BE FILLED WITH GROUT SHALL BE ALIGNED TO PROVIDE A CONTINUOUS, UNOBSTRUCTED OPENING OF THE DIMENSIONS SHOWN ON THE PLANS. CELLS WHICH WILL CONTAIN VERTICAL REINFORCEMENT SHALL HAVE A MINIMUM 3 INCH CLEAR OPENING.
7. GROUT FOR FILLING REINFORCED AND NON-REINFORCED CELLS SHALL BE FLUID AND PLACED BY ACCEPTABLE GROUTING PROCEDURES. GROUT SHALL BE PLACED IN MAXIMUM 4 FOOT LIFTS AND CONSOLIDATED IN PLACE BY VIBRATING OR OTHER METHODS WHICH INSURE COMPLETE FILLING OF THE CELLS. ALL CELLS CONTAINING REINFORCING AND/OR ANCHOR BOLTS SHALL BE FULLY GROUTED.
8. HOLLOW UNITS SHALL BE LAID WITH FULL MORTAR COVERAGE ON HORIZONTAL AND VERTICAL FACE SHELLS, EXCEPT THAT WEBS SHALL ALSO BE BEDDED WHERE THEY ARE ADJACENT TO CELLS TO BE REINFORCED AND/OR FILLED WITH GROUT, IN THE STARING COURSE ON FOOTINGS AND SOLID FOUNDATION WALLS AND IN NON-REINFORCED OR GROUTED PIERS PILASTERS AND COLUMNS.
9. UNDER LINTELS AND STEEL BEAMS BEARING ON MASONRY, FILL VOIDS OF CONCRETE BLOCK SOLID WITH CONCRETE GROUT FOR A HEIGHT OF 16 INCHES, UNLESS NOTED.

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

211-02 NORTHERN BLVD.
QUEENS, NY 11361

Drawing Title:

DETAILS

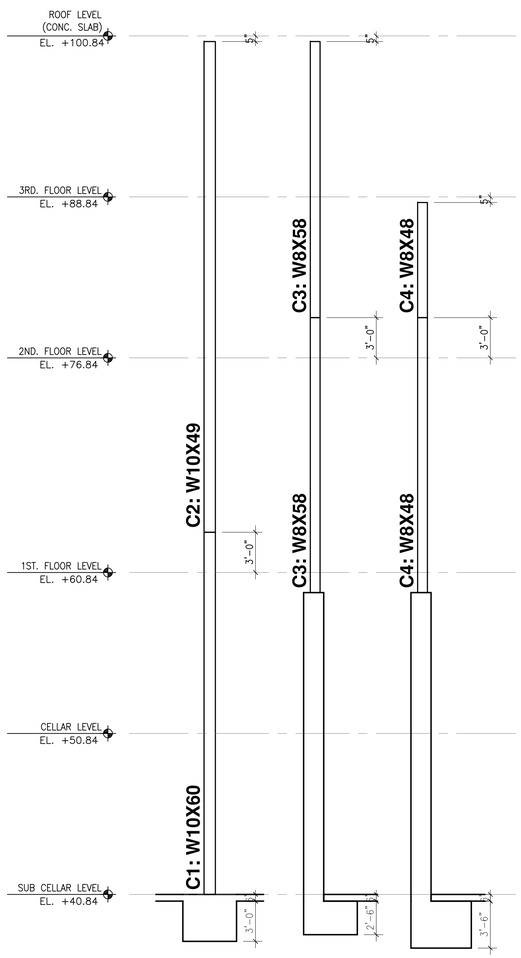
Application No.:

Seal & Signature

Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: S-005.00
Sheet No.: 32 OF 54

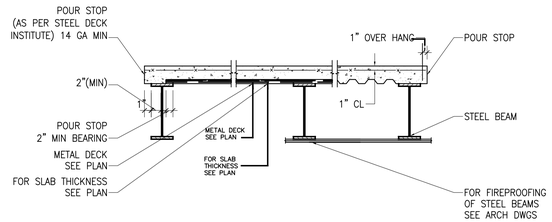
STEEL BEAM SCHEDULE			
BEAM NO.	SIZE	BEAM NO.	SIZE
B1	W14X68	B2	W12X35
B3	W12X30	B4	W8X28
B5	W12X22	B6	W10X22
B7	–	B8	–

NOTES:
1. FINISH FLOOR ELEVATION - SEE ELEVATION LEVEL MARK ON THE DRAWLING.
2. TOP OF SLAB ELEVATION AT FINISH FLOOR U.O.N.
3. FLOOR CONSTRUCTION TO BE 1½" (ROOF), 2" (FIRST, SECOND, AND THIRD) AND 2½" (CELLAR) METAL DECK (18GA.) (LOK-FLOOR BY UNITED STEEL DECK OR APPROVED EQUAL WITH MINIMUM TRIPLE SPAN CONTINUOUS) PLUS 2" (ROOF), 3" (FIRST, SECOND, AND THIRD) AND 4½" (CELLAR) THICK NORMAL WEIGHT CONCRETE TOPPING REINFORCED WITH 6 X 6 - W 2.0 X W 2.0 WWF. DIRECTION OF METAL DECK SHALL BE PERPENDICULAR OF FLOOR BEAM.
4. ALL STEEL BEAMS ARE EQUALLY SPACED BETWEEN GRID LINES U.O.N.
5. ALL KINDS OF SLAB OPENINGS TO BE VERIFIED IN THE FIELD IN CONJUNCTION W/ ARCHITECTURAL & MECHANICAL DRAWING.
6. CONTRACTOR TO REFER ARCHITECTURAL PLAN FOR ELEVATIONS AND OTHER REQUIRED DETAILS. IF NOT AVAILABLE, CONTRACTOR TO SUBMIT ALL REQUIRED SHOP DRAWING FOR ALL CONNECTIONS FOR DESIGN ARCHITECT AND ENGINEER'S APPROVAL.



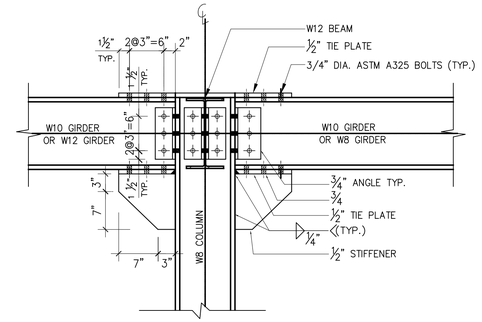
NOTES:
1. TOP OF COLUMN AND BOTTOM OF BASE PLATE SHOWN THUS LINE ON SCHEDULE.
2. FOR COLUMN BASE DETAIL, SEE TYPICAL COLUMN BASE DETAIL ON SHEET S-002.
3. COLUMN SPLICES SHOULD BE FOLLOWED BY COLUMN SCHEDULE, UNLESS OTHERWISE NOTED.
4. FIRST DIMENSION OF PIER AND BASE PLATE IS PARALLEL TO STEEL COLUMN, FLANGE.
5. CONTRACTOR TO VERIFY ALL DIMENSIONS AND FIELD CONDITIONS AND NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCY.

1 S-006 **COLUMN SCHEDULE**
SCALE : N.T.S.

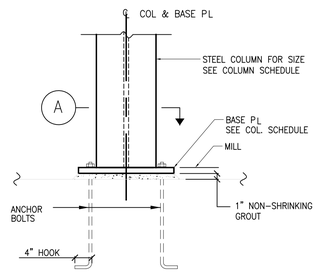


NOTE:
PLUG WELD METAL DECK TO TOP FLANGE OF STEEL BEAM AS REQ'D.

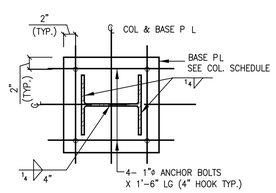
2 S-006 **TYPICAL FLOOR SLAB DETAIL**
SCALE : N.T.S.



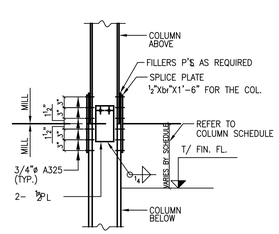
4 S-006 **TYPICAL FLOOR SLAB DETAIL**
SCALE : N.T.S.



TYP. COLUMN DETAIL

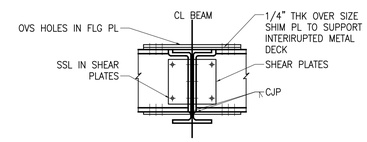


TYP. COLUMN
BASE PLATE DETAIL

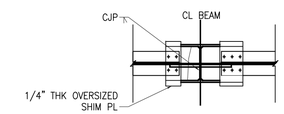


TYP. COLUMN
SPLICE DETAIL

3 S-006 **COLUMN DETAIL**
SCALE : N.T.S.

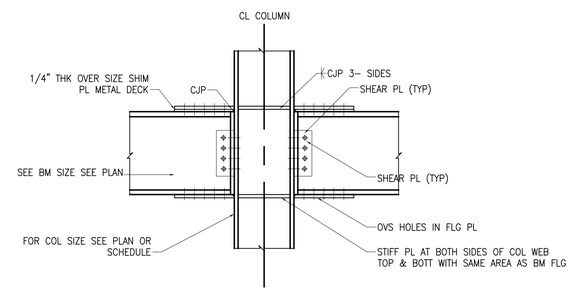


BEAM TO BEAM

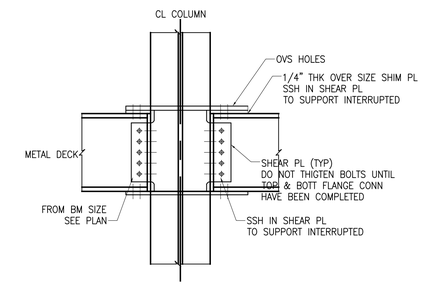


PLAN DETAIL A

NOTES:
1. CONNECTION TO DEVELOP FULL BEAM CAPACITY UON.
2. COORDINATE WITH ARCH AND MEP DWG FOR CEARANCE REQUIREMENT.

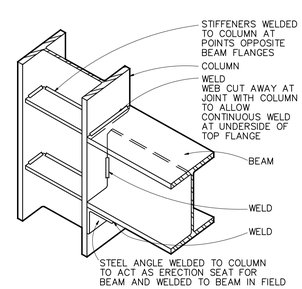


AT COLUMN FLANGE

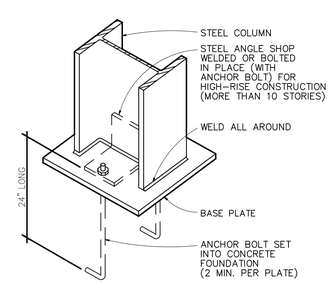


AT COLUMN WEB

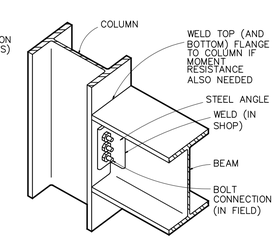
5 S-006 **MOMENT CONNECTION DETAILS**
SCALE : N.T.S.



COLUMN–TO–BEAM MOMENT–RESISTING CONNECTION



COLUMN BASE PLATE DETAIL FOR LOW–RISE CONSTRUCTION



COLUMN–TO–BEAM SHEAR CONNECTION

6 S-006 **STRUCTURE STEEL CONNECTION DETAILS**
SCALE : N.T.S.

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:
NEW 3 STORY COMMERCIAL BUILDING
211-02 NORTHERN BLVD.
QUEENS, NY 11361

Drawing Title:
DETAILS

Application No.:

Seal & Signature

Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: S-006.00
Sheet No.: 33 OF 54

MECHANICAL INSULATION

A. ALL INSULATION MATERIALS, INCLUDING JACKETS, FACING, ADHESIVE, COATINGS, AND ACCESSORIES ARE TO BE FIRE HAZARD RATED AND LISTED BY UNDERWRITERS LABORATORIES, INC. USING STEINER TUNNEL TEST METHOD FOR FIRE HAZARD CLASSIFICATION OF BUILDING MATERIALS, STANDARD UL 723 (ASTM E-84), (ASA A2.50-1963).
FLAME SPREAD: MAXIMUM, 25. FUEL CONTRIBUTED AND SMOKE DEVELOPED: MAXIMUM 50. FLAMEPROOFING TREATMENTS SUBJECT TO DETERIORATION FROM MOISTURE OR HUMIDITY ARE NOT ACCEPTABLE.

B. DEFINITIONS:

1. EXPOSED: INDOOR DUCTS, PIPING OR EQUIPMENT LOCATED IN MECHANICAL EQUIPMENT ROOMS AND IN AREAS WHICH WILL BE VISIBLE WITHOUT REMOVING CEILINGS OR OPENING ACCESS PANELS.

2. CONCEALED: INDOOR DUCTS, PIPING OR EQUIPMENT WHICH IS NOT EXPOSED

DUCTWORK INSULATION

A. INSULATE ALL DUCTWORK IN ACCORDANCE WITH INSULATION SCHEDULE EXCEPT AS OTHERWISE NOTED.
INSULATION SCHEDULE - DUCTWORK

1. ALL SUPPLY DUCTWORK: 1" FIBERGLASS - TYPE D-1

2. ALL OUTSIDE AIR INTAKE AND DISCHARGE DUCTWORK (UP TO AUTOMATIC DAMPER): 2" FIBERGLASS - TYPE D-2.

3. ALL OUTSIDE AIR INTAKE AND DISCHARGE PLENUMS: 2" FIBERGLASS - TYPE D-2.

4. ALL OUTDOOR MOUNTED DUCTWORK: 2" FIBERGLASS - TYPE D-3.

B. NON-INSULATED DUCTWORK:
1. WHERE SOUND LINING IS OF MINIMUM THICKNESS SPECIFIED FOR INSULATION.

2. AIR CONDITIONING RETURN AIR DUCTWORK EXPOSED IN AIR CONDITIONED SPACES AND INSTALLED IN HUNG CEILINGS WHERE SPACE IMMEDIATELY ABOVE AND BELOW ARE BOTH AIR CONDITIONED.

3. EXHAUST DUCTWORK.

C. MATERIAL:

1. TYPE D-1: MINIMUM 1-LB DENSITY FIBERGLASS BLANKET, MAXIMUM 0.28 K-FACTOR AT 75F MEAN TEMPERATURE WITH FATORY-APPLIED FOIL-SKRIM-KRAFT FACING SIMILAR TO MANVILLE MICROLITE.

2. TYPE D-2: 3 LB. FIBERGLASS BOARD. THE MAXIMUM K FACTOR SHALL BE 0.23 AT 75F MEAN TEMPERATURE WITH A MINIMUM DENSITY OF 3 LB. THE INSULATION SHALL BE PROVIDED WITH A FACTORY-APPLIED ALL PURPOSED OR ALL SERVICE FACING. THE INSULATION SHALL BE EQUAL TO MANVILLE TYPE 814 SPIN-GLAS AP.

3. TYPE D-3: MINIMUM 6 LB FIBERGLASS BOARD. MAXIMUM 0.22 K-FACTOR AT 75F MEAN TEMPERATURE WITH FACTORY APPLIED ALL PURPOSE OF ALL SERVICE FACING. SIMILAR TO MANVILLE 817 SPIN-GLAS AP.

D. INSTALLATION:

1. FIBERGLASS BLANKET: 2 IN. LAP STRIPS AT ALL SEAMS. SECURE BOTTOM OF ALL DUCTS OVER 24 IN. WIDE WITH MIN, 2 ROWS OF WELD PINS 12 IN. ON CENTER. SECURE ALL SEAMS WITH FOIL VAPOR BARRIER TAPE AND VAPOR SEAL ADHESIVE.

2. FIBERGLASS BOARD: SEAL JOINTS AND BREAKS IN FACING WITH 3 IN. WIDE RAPE TO MATCH FACING AND ADHERE WITH VAPOR SEAL ADHESIVE. APPLY 5 IN. WIDE TAPE AT CORNERS, WELD PINS ON TOP, SIDES AND BOTTOM.

PIPING INSULATION

A. INSULATE ALL PIPING IN ACCORDANCE WITH INSULATION SCHEDULE EXCEPT AS OTHERWISE NOTED.

INSULATION SCHEDULE - ALL PIPING UNLESS OTHERWISE NOTED

1. PIPING UP TO 4 INCH IPS: 1" INCH

2. PIPING OVER 4 INCH IPS: 1-1/2" INCH.

3. DRAINAGE PIPING AND DOMESTIC COLD WATER PIPING: 1/2" INCH.

4. NO INSULATION FOR CONDENSATE RETURN.

B. PIPING, VALVES AND FITTINGS TO BE INSULATED:

1. LOW TEMPERATURE PIPING SYSTEMS - 40 TO 100F INCLUDING:

a. CONDENSATE DRAIN PIPING.
b. COLD WATER AND/OR MAKEUP WATER

2. STEAM PIPING SYSTEMS:

a. STEAM SUPPLY.

C. MATERIAL:

1. TYPE P-1: MINIMUM 4 LB. DENSITY MOLDED FIBERGLASS, MAXIMUM RETARDANT FOIL-SKRIM-KRAFT FACING. ALL SERVICE JACKET. SIMILAR TO OWENS-CORNING 650 ASJ.

2. TYPE D-2: MINIMUM 1 LB DENSITY FIBERGLASS FITTING INSERTS, MAXIMUM 0.28 K-FACTOR AT 75F MEAN TEMPERATURE SIMILAR TO MANVILLE

AUTOMETIC CONTROLS - GENERAL REQUIREMENTS

A. FURNISH AND INSTALL A COMPLETE ELECTRIC OR ELECTRONIC CONTROL SYSTEM TO PROVIDE TEMPERATURE CONTROL AS SPECIFIED UNDER DESCRIPTION OF OPERATION.

B. WORK SHALL INCLUDE ALL WIRING, CONTROL EQUIPMENT, AND ACCESSORIES NECESSARY TO MAKE THIS SYSTEM COMPLETE. ALL WIRING SHALL BE 24 VOLT. COORDINATE WITH MANUFACTURER FOR INTERCONNECTION WITH CONTROLS INCLUDED IN EQUIPMENT. ALL CONTROL WORK SHALL BE INSTALLED BY HVAC CONTRACTOR.

C. OPERATION OF TYPICAL CONTROL SAFETY DEVICES.

1. HOA SUPPLY FAN SWITCHES: SAFETY DEVICES SHALL BE INTERLOCKED WITH "HAND" AND "AUTOMATIC" POSITIONS IN SERIES WITH MOTOR CONTROLLER HOLDING COIL CIRCUIT. INTERLOCKING WITH OTHER FANS AND EQUIPMENT OF SYSTEM SHALL BE THROUGH "AUTOMATIC" POSITION ONLY. "HAND" POSITION SHALL BE FOR MAINTENANCE ONLY.

2. RETURN FAN, TRANSFER FAN EXHAUST FAN HOA SWITCHES (INTERLOCKED WITH SUPPLY FANS): REMOTE STARTING SHALL BE FROM SHALL BE FOR MAINTENANCE OPERATION ONLY. INTERLOCK THROUGH AUXILIARY CONTACT OF LEAD EQUIPMENT MOTOR CONTROLLER.

3. EXHAUST FAN, SUCH AS GENERAL OR TOILET (OPERATING INDEPENDENTLY): ALL SAFETY DEVICES SHALL BE INTERLOCKED WITH "HAND AND "AUTOMATIC" POSITIONS IN SERIES WITH MOTOR CONTROLLER HOLDING COIL CIRCUIT. REMOTE STARTING SHALL BE THROUGH AUTOMATIC POSITION ONLY. "HAND" POSITION SHALL BE FOR MAINTENANCE OPERATION ONLY.

AUTOMETIC CONTROLS - SEQUENCE OF OPERATIONS

A. EXHAUST FANS:

1. TEF-1: VIA START/STOP BY TIME CLOCK.

2. EF-1: VIA START/STOP BY SWITCH.

B. COOLING TOWER SYSTEM:

1. CONDENSER WATER PUMPS & COOLING TOWERS SHALL VIA ON/OFF BY A REMOTE TIME CLOCK.

2. COOLING TOWER SHALL STAGE CONDENSER FAN IN SERIES TO MAINTAIN CONDENSER SUPPLY WATER TEMPERATURE OF 90 DEG F. IN SUMMER AND 70 DEG F IN WINTER.

3. CONDENSER WATER PUMPS SHALL EACH BE PROVIDED WITH A DEDICATED DIFFERENTIAL PRESSURE SWITCH. PUMPS SHALL BE PROVIDED WITH AN AUTOMATIC LEAD/LAG ALTERNATOR AND AUTOMATIC SWITCHOVER UPON LEAD PUMP FAILURE TO ACTIVATE AN AUDIBLE.VISUAL ALARM.

C. SMOKE CONTROL OPERATION

1. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL A COMPLETE BUILDING EMERGENCY FAN SHUT DOWN WIRING.

2. AUTOMATIC TEMPERATURE CONTROL(ATC) CONTRACTOR SHALL FURNISH AND INSTALL ONE OR MORE MULTIPLE RELAYS FOR EACH FAN MOTOR STARTER, TO INTERFACE WITH EMERGENCY FAN SHUT DOWN WIRING. THE INTENT OF THESE RELAYS IS TO PROVIDE DRY TYPE CONTACTS TO ACTIVATE THE VARIOUS SEQUENCES OF OPERATION DESCRIBED HEREIN. ATC CONTRACTOR SHALL BE RESPONSIBLE FOR ALL OTHER WIRING NECESSARY TO ACCOMPLISH THE SEQUENCES OF OPERATION AS DESCRIBED HEREIN.

3. THE BUILDING SHALL BE DIVIDED INTO VARIOUS FIRE ALARM ZONES, COORDINATE WITH ELECTRICAL CONTRACTOR.

4. ARC CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LOGIC DEVICES, WIRING, RELAYS ETC., REQUIRED TO ACCOMPLISH THE SEQUENCES OF OPERATION AS DESCRIBED HEREIN.

5. THE FOLLOWING DESCRIBES THE HVAC SEQUENCES OF SMOKE CONTROL.

a. ALL HVAC FANS SHALL BE SHUT DOWN AUTOMATICALLY THROUGH THE EMERGENCY FAN SHUT DOWN SYSTEM. INDIVIDUAL UNIT MOUNTED DUCT SMOKE DETECTORS HOWEVER, SHALL ONLY CAUSE RESPECTIVE FAN SYSTEM TO STOP AND CLOSE THE RELATED FIRE AND SMOKE DAMPERS.
b. ALL FIRE AND SMOKE DAMPERS SHALL AUTOMATICALLY CLOSE.

D. MANUAL SMOKE CONTROL PANEL

1. THE ATC CONTRACTOR SHALL FURNISH AND INSTALL A SMOKE PURGE PANEL LOCATED IN THE MAIN 1ST FLOOR LOBBY, A SMOKE CONTROL PANEL FOR THE MANUAL OPERATION OF THE HVAC SYSTEM BY THE FIRE DEPARTMENT.

2. THIS PANEL TO CONSIST OF A KEY TYPE LOCKING FRONT COVER, WHICH SHALL HOUSE THE SWITCHES (ON-OFF-NORMAL), INDICATING PILOT LIGHTS, RELAYS, AND WIRING DEVICES NECESSARY TO ACCOMPLISH THE SEQUENCES OF OPERATION BOTH DESCRIBED HEREIN AND ELSEWHERE IN THIS SECTION. THE ATC CONTRACTOR SHALL PROVIDE DESCRIPTIVE NAME TAGS FOR EACH SWITCH DESCRIBING OPERATION, SYSTEM AND AREA SERVED. FURTHER, THE ATC CONTRACTOR SHALL PROVIDE A SCALED GRAPHIC DISPLAY OF THE ARCHITECTURAL FLOOR PLANS, SHOWING THE AREAS SERVED BY EACH AIR CONDITIONING UNIT EXHAUST FAN SYSTEM KEYED BACK TO THE SWITCHES IN THE PANEL. EACH FLOOR PLAN SHALL BE MOUNTED IN THE PANEL.

3. EXCEPT FOR THE EMERGENCY FAN SHUT DOWN SYSTEM ALL WIRING, LOGIC DEVICES,, MOTORIZED DAMPERS, ACTUATORS ETC. REQUIRED TO ACCOMPLISH THE SEQUENCES OF OPERATION BOTH DESCRIBED HEREIN AND ELSEWHERE IN THIS SECTION SHALL BE FURNISHED AND INSTALLED BY THE ATC CONTRACTOR.

4. THE INTENT OF THIS PANEL IS TO ALLOW THE FIRE DEPARTMENT TO MANUALLY OPERATE THE EXHAUST FANS OF THE HVAC SYSTEM TO PROVIDE SMOKE EXHAUSTING MOD FOR ALL AREAS.

5. THE ATC CONTRACTOR SHALL SUPPLY ALL EQUIPMENT DESCRIBED ABOVE TO PERFORM THE FOLLOWING SEQUENCES. PROVIDE 2 SWITCHES PER FLOOR ON THE REMOTE SMOKE CONTROL ALARM PANEL FOR DAMPER CONTROL. ONE SWITCH WILL OPERATE ALL THE RETURN FIRE AND SMOKE DAMPERS SHALL BE OPEN IF ANY OF THE AC SYSTEM ARE OPERATING.

6. WHEN THE MANUAL SMOKE CONTROL PANEL IS USED TO OPERATE THE SMOKE PURGE FANS, THE PURGE FANS SHALL BE ENERGIZED TO DISCHARGE AIR AT THE BUILDING ROOF, FIRE AND SMOKE DAMPERS SHALL CLOSE OFF TO UNAFFECTED AREA. THE LOCAL SMOKE DETECTOR SHALL ALSO BE OVERRIDDEN.

VENTILATION INDEX

AREA SERVED	MINIMUM CODE AIR REQUIREMENTS (CFM/SQ.FT.)		ACTUAL MINIMUM CONDITIONED AIR QUANTITIES (CFM/SQ.FT.)		ACTUAL MINIMUM OUTSIDE AIR QUANTITIES (CFM/SQ.FT.)
	SUPPLY	EXHAUST	SUPPLY	RECIRC. &/RO ESH.	
INTERIOR	.4		0.86		.13

NOTE: ALL WINDOW AND OPENING ARE IN COMPLIANCE WITH THE REQUIREMENT OF SECTION 27-749 OF ARTICLE SIX OF THE SUBCHAPTER, AND WHERE MECHANICAL SUPPLY VENTILATION IS NOT PROVIDED, SHALL HAVE A FREE OPENABLE AREA OF AT LEAST ONE SQUARE FOOT PER ONE HUNDRED SQUARE FEET OF FLOOR AREA

NOTES
CALCULATED VENTILATION INDEX MEETS REQUIREMENTS FOR INTERIOR ROOMS.
EXAMPLE CALCULATION: ROOM AREA = 100 FT ; ROOM VOLUME = 800 FT
NO. OF PEOPLE = 1
INDEX = 1800

MINIMUM CODE REQUIREMENTS
VENTILATION (FRESH) AIR: SUPPLY = .4CFM/FT; EXHAUST = .4 CFM/FT
CONDITIONED AIR (SEE VENTILATION .4 TABLE 12-2) = TOTAL MINIMUM SUPPLY & EXHAUST = 1/3 CFM/FT EACH.
TOTAL MINIMUM FRESH AIR = 33% OF INDEX REQUIREMENT = .4 X .33 = .13 CFM/FT

ACTUAL QUANTITIES
CONDITIONED SUPPLY: SEE TABULATION ABOVE

BUILDING DEPARTMENT MECHANICAL NOTES

A. ALL WORK SHALL COMPLY WITH THE APPLICABLE SECTIONS OF THE BUILDING CODE, CITY OF NEW YORK, EFFECTIVE DECEMBER 6, 1968 AND ALL AMENDMENTS AND RULES AND REGULATIONS OF THE DEPARTMENT OF BUILDING TO DATE.

B. MATERIALS AND EQUIPMENT SUBJECT TO CONTROLLED INSPECTION:

1. MECHANICAL VENTILATION, AIR CONDITIONING AND REFRIGERATION:

a. INSPECTION AND TESTS OF THE REQUIRED VENTILATION SYSTEMS AS PER (C26-1301.2) 22-779.

2. HEATING EQUIPMENT:

a. APPLICATION FOR EQUIPMENT USE PERMIT FOR THE HEATING SYSTEM TO BE ACCOMPANIED BY A SIGNED STATEMENT OF AN ARCHITECT OF ENGINEER, RETAINED BY THE CONTRACTOR, INDICATING THAT THE SYSTEM IS IN COMPLIANCE WITH CODE TEMPERATURES, ETC., AS PER (C26-117.3) 27-187.
b. BOILERS (C26-1401.2) 27-793

C. THE FOLLOWING WORK ITEMS, COMPONENTS, MATERIAL S, CAPACITIES, ETC. SHALL COMPLY WITH THE FOLLOWING CODE SUB-CHAPTER OF REFERENCE:

1. STANDARDS OF HEATING.	ARTICLE 5 OF SUB- CHAPTER 12
2. HEATING CAPACITY.	RS 12-1
3. NOISE CONTROL.	ARTICLE 9 OF SUB-CHAPTER 12
4. NOISE CRITERIA LEVELS AND TESTS PROCEDURES FOR SPL.	RS 12-4 AND RS 12-5
5. DUCT CONSTRUCTION SUPPORT AIR INTAKE EXHAUSTS AND RELIEFS.	RS 13-1
6. ELECTRIC WIRING AND EQUIPMENT	RS-13-1
7. FIRE DAMPERS AND SMOKE DAMPERS AND SMOKE DETECTORS	RS-13-1 AND (C26-504.5) 27-343
8. MANUAL, FIRE AND SMOKE CONTROLS FOR AIR DISTRIBUTION SYSTEMS.	RS-13-1
9. HEAT EXCHANGER, UNIT HEATER ETC.	RS 14-4 AND RS 14-5
10. BOILERS.	RS-14-5A
11. PIPE INSULATION.	ARTICLE 10 OF SUB-CHAPTER 14

D. MINIMUM TEMPERATURE BE MAINTAINED IN OCCUPIED SPACES DURING HEATING SEASON: 68F. WHEN 5F OUTSIDE (WITH 15 M.P.H WIND), OR AS INDICATED ON VENTILATION INDEX.

E. ALL TOILET ROOMS TO BE VENTILATED IN ACCORDANCE WITH SECTION (C26-1207.3)

F. UPON COMPLETION OF THIS VENTILATION SYSTEM A TEST SHALL BE CONDUCTED IN THE PRESENCE OF AND UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OF REGISTERED ARCHITECT QUALIFIED TO CONDUCT SUCH TESTS. FOR SYSTEMS OF OR LESS THAN 5000CFM THE INSPECTION MAY BE BY A PERSON HAVING NOT LESS THAN FIVE YEARS EXPERIENCE SUPERVISION INSTALLATION OF VENTILATING SYSTEMS. THE CONTRACTOR WILL BE REQUIRED TO RETAIN THE SERVICE OF THE PROPER PERSON TO CONDUCT THE TEST. THE TESTS SHALL SHOW COMPLIANCE WITH THE CODE REQUIREMENTS FOR VENTILATION AND THE DEVICES BEFORE THE SYSTEM IS APPROVED.
THE LICENSED PROFESSIONAL ENGINEER OF REGISTERED ARCHITECT WHO CONDUCTS THE TESTS SHALL FILE A CERTIFICATE AS TO WHETHER THE SYSTEM COMPLIES WITH THE APPLICABLE LAWS. HE SHALL ALSO FILE WITH THIS CERTIFICATION A REPORT OF THE TEST. THE TEST AND REPORT SHALL BE MADE IN A MANNER SATISFACTORY TO THE SUPERINTENDENT.

G. A STATEMENT SHALL BE RILED BY THE OWNER OF TENANT IN POSSESSION THAT THE VENTILATING SYSTEM WILL BE KEPT IN CONTINUOUS OPERATION AT ALL TIMES DURING THE NORMAL OCCUPANCY OF THE STRUCTURE A S REQUIRED BY CODE (C26-1301.2) 27-779.

H. ALL VENTILATING DUCTWORK, BOTH LOW AND HIGH VELOCITY, TO BE CONSTRUCTED IN ACCORDANCE WITH THE DUCT MANUALS OF SMACNA, FIRST EDITION, 1985.

I. DETAIL OF DUCT SUPPORT SHALL BE IN ACCORDANCE WITH CHAPTER 11 PARAGRAPH 2-1.1.2.3 OF RS 13-1. UNLESS OTHERWISE NOTED, ALL DUCTS SHALL BE CONSTRUCTED OF GAL VANIZED IRON. SEE DETAIL FOR METHOD USED FOR HANGING DUCT.

J. FIRE DAMPERS SHALL BE PROVIDED AT ALL FRESH AIR INTAKES AS PER RS 13-1, CHAPTER 2 PARAGRAPH 2-3.4 AND IN ALL DUCTS PENETRATING RIFE RATED PARTITIONS AS PER RS 13-1 CHAPTER 3 PARAGRAPH 3-3. SEE DETAIL ON DESIGN DRAWINGS FOR METHOD OF INSTALLATION.

K. REFER TO ARCHITECTURAL DRAWINGS FOR FIRE RATED WALL LOCATIONS AND RATED CONSTRUCTION AND SMOKE WALL LOCATIONS.

L. BOILER ROOM WILL BE PROVIDED WITH ADEQUATE VENTILATION TO OUTSIDE AIR.

N. NO WORK WILL BE STARTED UNTIL A PERMIT IS OBTAINED BY THE CONTRACTOR.

M. ALL PIPING IS TO COMPLY WITH (C26-1416.4) (27-830)

O. GAS FIRED BOILER SHALL CONFORM TO ALL PERTINENT REQUIREMENTS C26-1413.0 AND C26-1415.0

P. CHIMNEY CONNECTORS SHALL CONFORM TO C26-1502.0.

PLUMBING WORK NOTES

1. PROTECTION OF PIPE
A. BREAKAGE - PIPES PASSING UNDER OR THROUGH WALLS SHALL BE PROTECTED FROM BREAKAGE.
B. CORROSION - PIPE SUBJECT TO EXTERNAL CORROSION BY PASSING THROUGH OR UNDER CORROSIVE MATERIAL SHALL BE PROTECTED AGAINST EXTERNAL CORROSION BY PROTECTIVE COATING, WRAPPING OR OTHER EQUIVALENT MEANS THAT WILL RESIST SUCH CORROSION.

2. SLEEVES
WHERE PIPES AND SLEEVES PASS THROUGH CONSTRUCTION REQUIRED TO HAVE A FIRE-RESISTANT RATING, THEY SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF 2008 THE PLUMBING CODE.

3. RAT-PROOFING
THE OPENINGS IN WALLS, FLOORS, OR CEILINGS FOR THE PASSAGE OF PIPES SHALL BE CLOSED AND PROTECTED BY METAL COLLARS SECURELY FASTENED TO THE STRUCTURE.

4. PLUMBING VENTS SHALL EXTEND 4'-0" ABOVE ROOF.

5. DRAINAGE PIPE CLEANOUTS
A. LOCATION - CLEANOUTS SHALL BE NOT MORE THAN 50 FEET APART IN HORIZONTAL DRAINAGE LINES.
B. CHANGE OF DIRECTION - ACCESSIBLE CLEANOUTS SHALL BE INSTALLED AT EACH CHANGE OF DIRECTION GREATER THAN 45 DEGREES ON ALL HORIZONTAL PIPES OF THE DRAINAGE SYSTEM

6. MATERIAL
A. COLD WATER & HOT WATER - COPPER PIPE
B. SANITARY & VENT - CAST IRON
C. SPRINKLER - BLACK STEEL

NOTE:

1. ALL PIPING (HW., CW., DRAIN & VENT. FIXTURES, FAUCETS, SHOWER HEADS, FLOOR DRAINS, CLEAN OUTS) INDICATED ON THIS PLAN SHALL BE FURNISHED & INSTALLED BY CONTRACTOR

2. CONTRACTOR TO ROUTE NEW HOT & COLD WATER PIPING AS REQUIRED FOR ALL NEW FIXTURES TYP.

3. CONTRACTOR TO SAWCUT EXISTING CONC. FLOORS, EXCAVATE AND BACKFILL AS REQUIRED FOR ALL UNDERSLAB WORK.

4. CONTRACTOR SHALL PROVIDE TYPE "B" GAS VENT. AND ROOF FLASHING FOR ALL GAS FIRED HEATERS

PLUMBING NOTES

1. ALL WORK TO BE DONE BY A PLUMBER LICENSED IN THE CITY OF NEW YORK.

2. ALL PLUMBING WORK SHALL CONFORM TO THE STANDARDS OF 2008 THE NEW YORK CITY PLUMBING CODE AND THE NEW YORK CITY DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY.

3. PLUMBER SHALL FILE FOR ALL ADDITIONAL WORK NOT COVERED UNDER THIS APPLICATION WITH THE PROPER AUTHORITY AND SHALL PAY FOR ALL FEES AND PERMITS.

4. THE PLUMBER SHALL PAY FOR AND OBTAIN ALL PERMITS, INSPECTION. ETC. RELATED TO HIS WORK UNDER THIS APPLICATION, AS REQUIRED FOR THE COMPLETION OF THIS APPLICATION.

5. CONTRACTOR SHALL PERFORM ALL PLUMBING WORK AS REQUIRED TO COMPLETE THE PROJECT IN ACCORDANCE WITH THE REQUIREMENTS OF THE NEW YORK CITY BUILDING CODE AND AS SPECIFIED HEREIN.

6. CONTRACTOR SHALL REMOVE ALL UNUSED AND UNNECESSARY PIPING AND SHALL PROVIDE NEW AS SHOWN ON PLANS.

7. ALL PIPING IS TO BE CONCEALED IN WALLS, SOFFITS OR HUNG CEILINGS AND SHALL NOT BE EXPOSED TO VIEW UNLESS SO NOTED.

8. EXISTING PIPING SHALL BE MODIFIED AS REQUIRED TO PROVIDE A COMPLETE SYSTEM.

9. PLUMBER SHALL PERFORM ALL WORK AS REQUIRED TO PROVIDE A COMPLETE SYSTEM INCLUDING FIXTURES IN ACCORDANCE WITH REQUIREMENTS OF 2008 THE NEW YORK CITY PLUMBING CODE.

PLUMBING INSULATION

A. FLAME SPREAD: 25 OR LESS, SMOKE DEVELOPED: 50 OR LESS

B. FIRE RETARDANT JACKET ON PIPE INSULATION.

C. VALVES AND FITTINGS: PREMOLDED FIBERGLASS FITTINGS OR RADIAL MITERED SEGMENTS OF PIPE INSULATION, INSULATING CEMENT, FIBERGLASS REINFORCING CLOTH, AND MASTIC. VAPOR SEAL INSULATION ON CW PIPING.

D. CW PIPING: 1/2" THICK FIBERGLASS SECTIONAL PIPE COVERING WITH VAPOR BARRIER JACKET. NO STAPLES PERMITTED.

E. HW PIPING: 1" FIBERGLASS SECTIONAL PIPE COVERING. IN ACCORDANCE WITH NEW YORK STATE ENERGY CODE.

F. FITTINGS: MANVILLE ZESTON 2000 PVC FITTING COVERS WITH FIBERGLASS INSULATION INSERT.

SPRINKLER NOTES

A. THE INSTALLATION COMPONENTS, SIZING, SPACING, LOCATION, CLEARANCE, POSITION AND TYPE OF SYSTEMS SHALL CONFORM TO RS 17-2 AND SECTION C26-1703.0 AND LOCAL LAW 16-1984 AND NYC 2008 BUILDING CODE.

B. AS PER PARAGRAPH C26-1703.5, ONLY APPROVED MATERIALS SHALL BE USED.

C. DIRECT CONNECTION OF SPRINKLERS TO PUBLIC WATER SYSTEM SHALL CONFORM TO PARAGRAPH C26-1703.13.

D. SPRINKLERS SHALL BE PROTECTED AGAINST FREEZING AND INJURY AS PER PARAGRAPH C26-1703.13.

E. INSPECTION AND TEST OF SPRINKLER SYSTEM SHALL BE CONDUCTED AS SPECIFIED IN PARAGRAPH C26-1703.14.

F. OCCUPANCY OF THE AREA TO BE SPRINKLERED IN ACCORDANCE WITH CHAPTER 1-7 OF RS 17-2 SHALL BE THOSE SPECIFIED ON THE PLANS.

G. WATER SUPPLY TEST PIPES AND GAUGES SHALL BE PROVIDED AS SPECIFIED IN CHAPTER 2-9 OF RS 17-2.

H. PIPING SPECIFICATIONS, PIPE SCHEDULES, SYSTEM TEST PIPES, PROTECTION AGAINST CORROSION, DAMAGE, FITTINGS, VALVES, HANGERS, SPRINKLERS, GUARDS AND SHIELD SHALL BE IN ACCORDANCE WITH CHAPTER 3 OF RS 17-2.

I. STOCK OF EXTRA SPRINKLERS WILL BE FURNISHED AS PER CHAPTER 3.15.7 OF RS 17-2 (REQUIRED FOR EACH TEMPERATURE RATING).

J. SPRINKLER ALARM SHALL BE IN ACCORDANCE WITH CHAPTER 3-16 OF RS 17-2.

K. SPACING, LOCATION AND POSITION OF SPRINKLERS SHALL BE IN ACCORDANCE WITH CHAPTER 4 OF RS 17-2.

L. ALL BLIND SPACES EXCEEDING 6 IN. IN WIDTH OR DEPTH WHICH CONTAIN COMBUSTIBLE MATERIAL SHALL BE SPRINKLERED.

M. ALL PIPING PASSING THROUGH WALLS SHALL COMPLY WITH PARAGRAPH C26-594.5.

N. THERE IS NO PILED HIGH STORAGE DEFINED IN CHAPTER 4-1,3,8 OF RS 17-2.

O. DISTANCE OF SPRINKLERS FROM HEAT SOURCES SHALL BE IN ACCORDANCE WITH TABLE 3-15.6.4(A).

P. AUTOMATIC INTERLOCK CUTOFF SWITCH FOR VENTILATION WILL CONFORM TO PARAGRAPH 1005 OF RS 13-1 (APPLICABLE ONLY IF THERE IS AN AIR SYSTEM UTILIZING RECIRCULATED AIR AND REQUIRING A THERMOSTATIC DEVICE).

Q. AS PER PARAGRAPH C26-1703.10 PROVIDE DEPT. OF WATER SUPPLY LETTER WITH FLOW TEST DATA.

R. ALL PIPES PASSING THROUGH FOUNDATION WALLS TO BE PROTECTED AS PROVIDED BY SECTION P101.1 OF RS 16.

S. THIS APPLICATION IS NOT FILED AS A RESULT OF ACTIONS BY THE FIRE COMMISSIONER AS AUTHORIZED BY THE BS & A TO MODIFY THE CERTIFICATE OF OCCUPANCY NOR IS SUCH ACTION PENDING.

T. ALL VALVES SHALL BE IDENTIFIED AS REQUIRED BY RS 17-2, CHAPTER 3-13-3.

U. DRAINAGE TO CONFORM TO CHAPTER 3-11 OF RS 17-2.

V. NON-AUTO SYSTEM SHALL BE PROVIDED WITH MALLEABLE IRON FITTING PER 1703.9(1)(2).

W. A ONE PIECE REDUCING FITTING OF GOOD DESIGN SHALL BE USED WHEREVER A CHANGE IS MADE IN THE SIZE OF PIPE AS PER SECTION 3-12.3.

X. ALL VALVES ON CONNECTIONS TO WATER SUPPLIES AND IN SUPPLY TO SPRINKLERS SHALL BE APPROVED O.S & Y OR APPROVED INDICATOR TYPE.

Y. DRAIN VALVES AND TEST VALVES SHALL BE APPROVED TYPE AS PER SECTION 3-13.1.

Z. HANGERS SHALL BE OF A TYPE APPROVED FOR USE WITH THE PIPE OR TUBE INVOLVED. SPRINKLER PIPING SHOULD BE SUPPORTED BY ROUND WROUGHT IRON U-TYPE OR APPROVED ADJUSTABLE HANGERS.

AA. PROVISIONS SHOULD BE MADE TO FACILITATE FLUSHING SYSTEM PIPING BY PROVIDING FLUSHING CONNECTIONS CONSISTING OF A CAPPED NIPPLE 4" LONG ON THE END OF THE CROSS MAIN AS PER SECTION 3-7.3.

AB. SPRINKLER SHALL BE AN APPROVED TYPE AS PER SECTION 3-15.

AC. TEMPERATURE RATING SHALL COMPLY WITH SECTION 3-15.6.

AD. 18" MINIMUM CLEARANCE TO BELOW SPRINKLER DEFLECTOR AS PER SECTION 4-2.5. 31. SPACING AND LOCATION OF SPRINKLER SHALL COMPLY WITH CHAPTER 4.

AE. 3" TO 10" MINIMUM CLEARANCE OF SPRINKLER DEFLECTION TO CEILING AS PER SECTION 4-3.1.

AF. SPRINKLER SYSTEM COMPLIES WITH NFPA 13 1983 AS MODIFIED BY THE B.C. AND RS 17-2 AND BSA CAL NO. 633-83 BCR.

BUILDING DEPARTMENT PLUMBING NOTES

ALL PLUMBING WORK SHALL MEET THE REQUIREMENTS OF TITLE 27 SUBCHAPTER 16 AND REFERENCE STANDARD (RS) 16 OF THE NEW YORK CITY BUILDING CODE.

1. PROTECTION OF PIPING AS OUTLINED IN P101.0 SHALL BE PROVIDED AS REQUIRED.

2. ALL PIPING AND MATERIALS SHALL BE AS DIRECTED IN P102.0

3. PIPING JOINTS AND CONNECTIONS SHALL BE AS APPROVED IN P103.0

4. CONSTRUCTION, QUANTITIES, DEVICES, FIXTURES, FAUCETS, VALVES AND FACILITIES FOR THE DISABLED SHALL BE AS OUTLINED IN P104.0

5. TRAPS AND CLEANOUTS SHALL BE AS PER P105.0

6. CONSTRUCTION AND SPACING OF HANGERS AND SUPPORTS SHALL BE AS DIRECTED IN P106.0

7. WATER SUPPLY SYSTEM, VALVES, TESTS SHALL BE AS DIRECTED IN P107.0. VALVES SHALL BE PROVIDED AT RISERS AND ELSEWHERE AS PER P107.6

8. SANITARY DRAINAGE PIPING, SIZING, GRADING, AND OFFSETS SHALL BE AS OUTLINED IN P108.0

9. VENT SIZING, GRADING, CONNECTIONS, LOCATIONS AND OFFSETS SHALL BE AS DIRECTED IN P109.0

10. STORM DRAINAGE PIPING AND SIZING SHALL BE IN ACCORDANCE WITH P110.0

11. SPECIAL AND MISCELLANEOUS PIPING BE AS DIRECTED IN P112.0

12. INDIRECT WASTE PIPING SHALL BE AS DIRECTED IN P111.0

13. ALL PLUMBING FIXTURES SHALL COMPLY WITH LOCAL LAW 19/89-LOW FLOW FIXTURES.

NOTE:

1. CONTRACTOR SHALL PROVIDE DOMESTIC COLD WATER AND FIRE SERVICE FOR SPRINKLERS INCLUDING CONNECTION TO NYC MAIN IN STREET, CURB VALVES, PIPING, SUPPORTS, FILING WITH ALL AGENCIES, INSPECTION, SIGN OFF, ETC.AS REQUIRED FOR A COMPLETE AND OPERATION SYSTEM.

2. CONTRACTOR SHALL PROVIDE A COMPLETE SANITARY AND STORM SYSTEM INCLUDING CONNECTION TO NYC MAIN IN STREET,PIPING, SUPPORTS, FILING WITH ALL AGENCIES, INSPECTION, SIGN OFF, ETC. AS REQUIRED FOR A COMPLETE AND OPERATION SYSTEM.

3. FOR ALL PIPE SIZING REFER TO RISER DIAGRAMS.

4. CONTRACTOR SHALL PROVIDE COLD WATER, SPRINKLER FIRE SERVICE, AND EQUIPMENT MAKE-UP WATER CONNECTION BACKFLOW PREVENTER ASSEMBLIES WITH FILING, APPROVALS, INSPECTIONS, ETC.AS REQUIRED BY NYC BUILDING DEPT. AND NYC DEP.

HVAC SYSTEM COMPLETION

MANUALS

THE CONSTRUCTION DOCUMENTS SHALL REQUIRE THAT AN OPERATING AND MAINTENANCE MANUAL BE PROVIDED TO THE BUILDING OWNER BY THE MECHANICAL CONTRACTOR. THE MANUAL SHALL INCLUDE, AT LEAST, THE FOLLOWING:

1. EQUIPMENT CAPACITY (INPUT AND OUTPUT) AND REQUIRED MAINTENANCE ACTIONS.

2. EQUIPMENT OPERATION AND MAINTENANCE MANUALS.

3. HVAC SYSTEM CONTROL MAINTENANCE AND CALIBRATION INFORMATION, INCLUDING WIRING DIAGRAMS, SCHEMATICS, AND CONTROL SEQUENCE DESCRIPTIONS. DESIRED OR FIELD-DETERMINED SET POINTS SHALL BE PERMANENTLY RECORDED ON CONTROL DRAWINGS, AT CONTROL DEVICES OR, FOR DIGITAL CONTROL SYSTEMS, IN PROGRAMMING COMMENTS.

4. A COMPLETE WRITTEN NARRATIVE OF HOW EACH SYSTEM IS INTENDED TO OPERATE.

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:
NEW 3 STORY COMMERCIAL BUILDING

211-02 NORTHERN BLVD.
QUEENS, NY 11361

Drawing Title:
NOTES

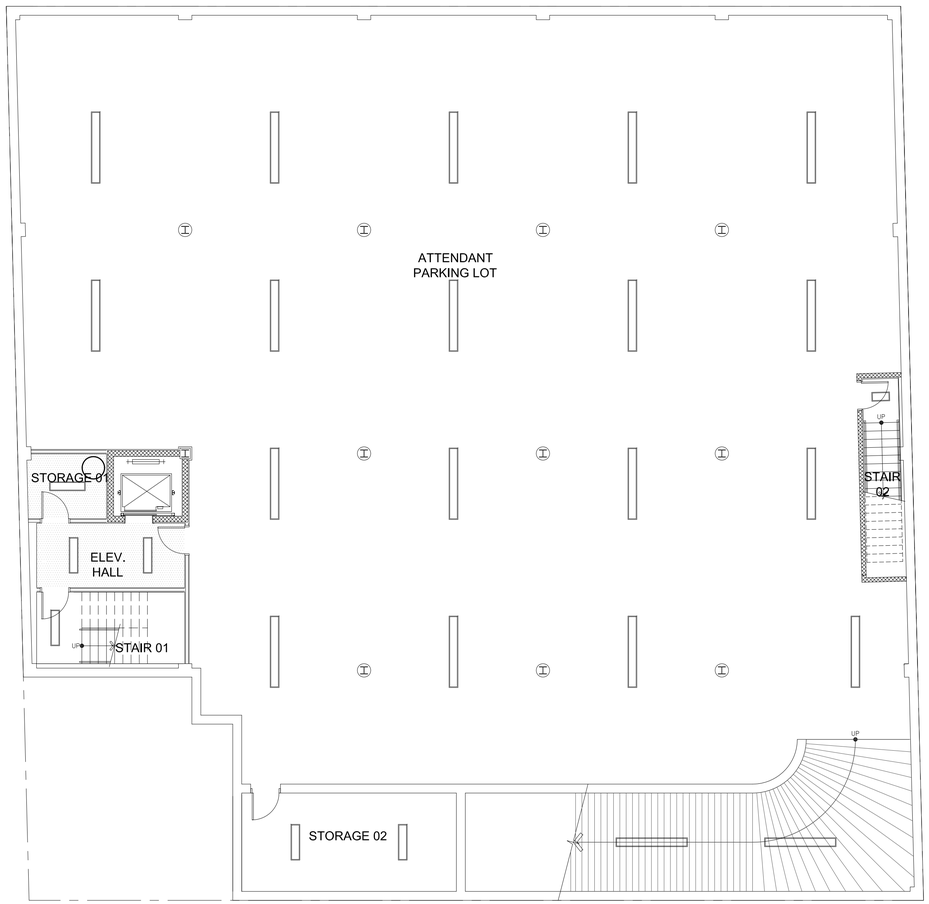
Application No.:

Seal & Signature

Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: M-001.00
Sheet No.: 34 OF 54

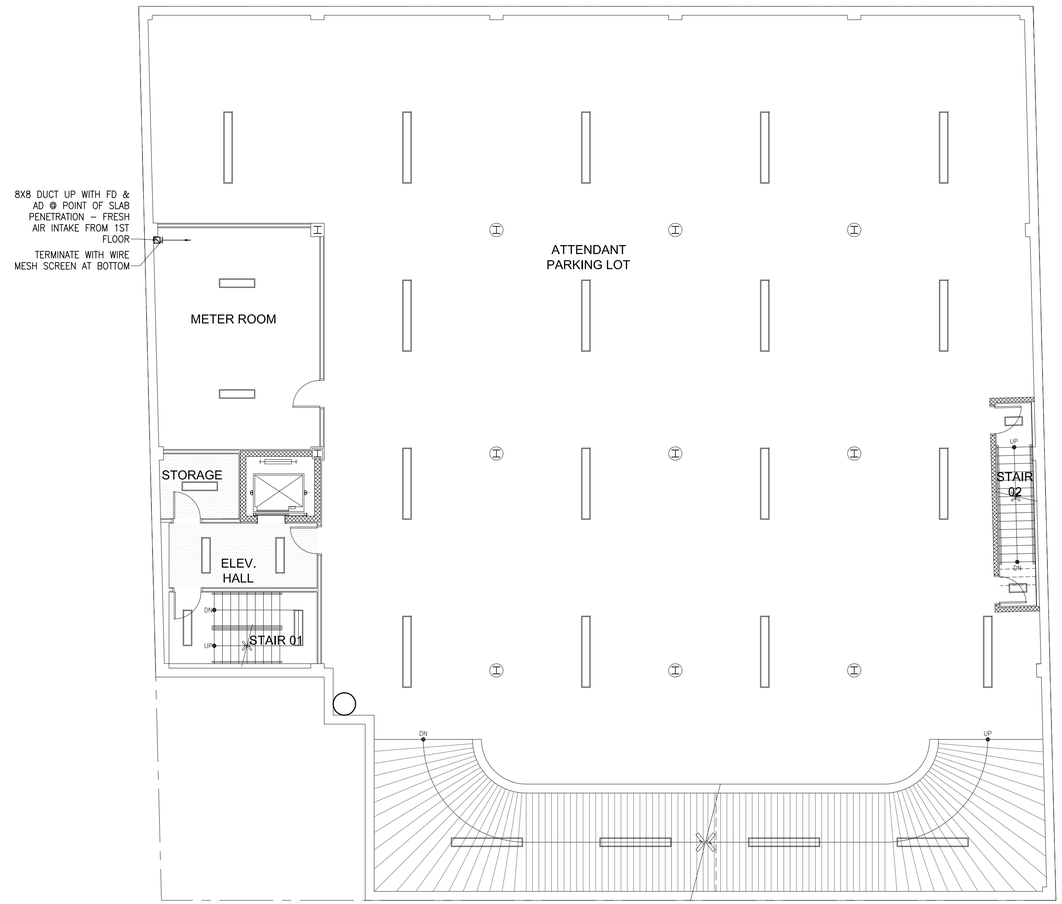
LEGEND OF DRAWING

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	RECESSED, FLUORESCENT 2'X4' DIRECT–INDIRECT LIGHT		90° ELBOW DOWN		CEILING DIFFUSER, 4–WAY DIRECTIONAL THROW, UNLESS INDICATED OTHERWISE		TRANSITION
	RECESSED, FLUORESCENT 2'X2' DIRECT–INDIRECT LIGHT		90° ELBOW UP		CEILING RETURN AIR GRILLE OR REGISTER		ELBOWS WITH TURNING VANES
	SURFACE MOUNTED 8' LONG FLUORESCENT LIGHT FIXTURES		SPLIT BRANCH TAKE–OFF WITH SQUARE ELBOW		SIDEWALL SUPPLY GRILLE OR REGISTER	BDD	BACK DRAFT DAMPER
	SURFACE MOUNTED 4' LONG FLUORESCENT LIGHT FIXTURES		SPLIT BRANCH TAKE–OFF WITH RADIUS ELBOW		SIDEWALL RETURN AIR GRILLE OR REGISTER		MOTOR OPERATED DAMPER
	SURFACE MOUNTED 2' LONG FLUORESCENT LIGHT FIXTURES		BRANCH TAKE–OFF WITH RADIUS HEEL		ROOF VENTILATOR, INTAKE	FD AD	FIRE DAMPER WITH ACCESS DOOR
	RECESSED 6" DIAMETER CFL DOWNLIGHT		BRANCH TAKE–OFF WITH 45° ENTRY		ROOF VENTILATOR, EXHAUST	FSD AD	FIRE–SMOKE DAMPER WITH ACCESS DOOR
	TOILET VENT GRILLE		BRANCH TAKE–OFF RECTANGULAR MAIN; ROUND BRANCH		VERTICAL RETURN DUCTWORK	T	THERMOSTAT
	2X4 ACOUSTICAL CEILING TILE		DOVE TAIL		VERTICAL SUPPLY DUCTWORK	S	FAN SWITCH
	2X2 ACOUSTICAL CEILING TILE		RETURN PLENUM INLET WITH 90° ELL		DIRECTION OF FLOW	BH	BASEBOARD HEATING UNIT
	GYPSUM BOARD DROP CEILING	WxD	DUCT SIZE – FIRST FIGURE IS OF SIDE SHOWN DIMENSION		FLEXIBLE CONNECTION		



1 M-101 **SUB CELLAR FLOOR MECHANICAL PLAN**

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



2 M-101 **CELLAR FLOOR MECHANICAL PLAN**

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

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

211-02 NORTHERN BLVD.
QUEENS, NY 11361

Drawing Title:

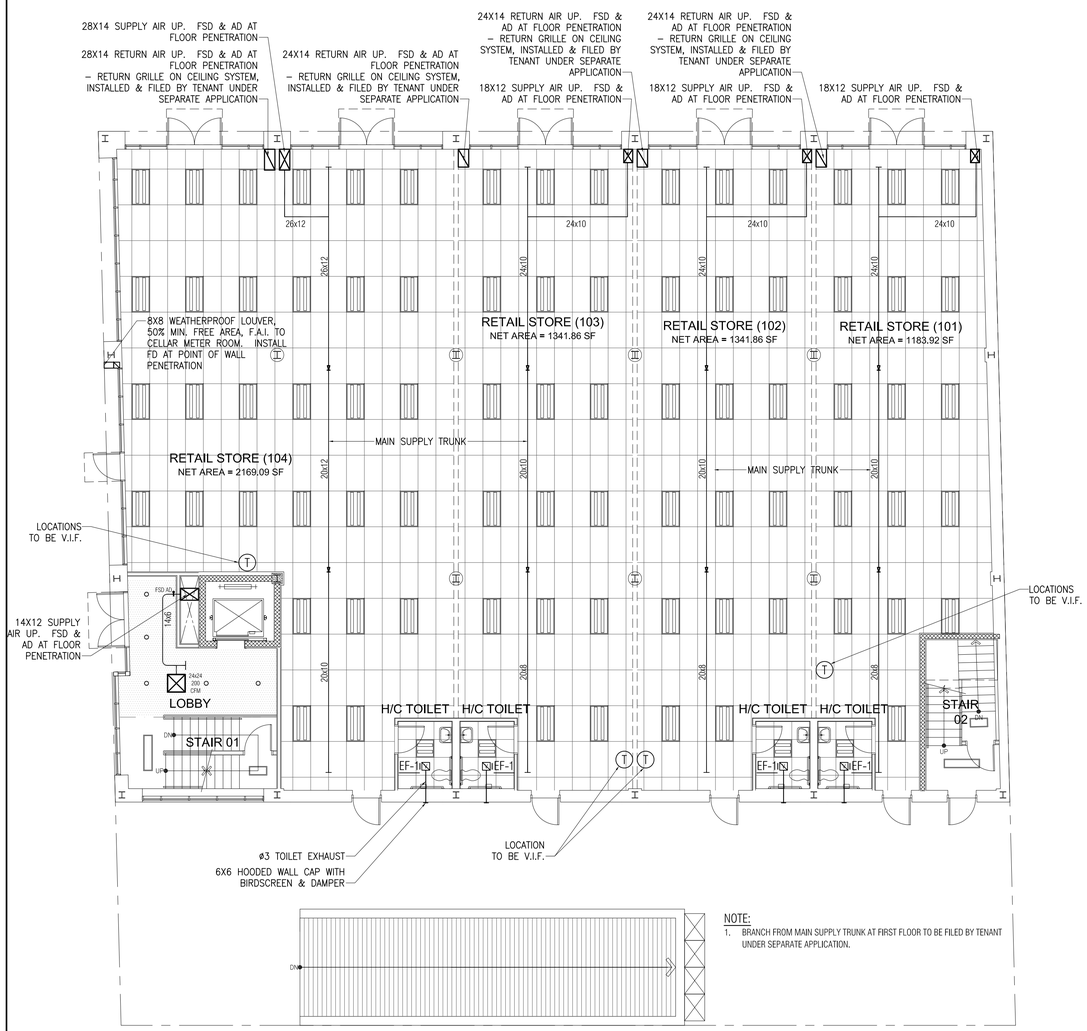
SUB CELLAR & CELLAR FLOOR MECHANICAL PLANS

Application No.:

Seal & Signature

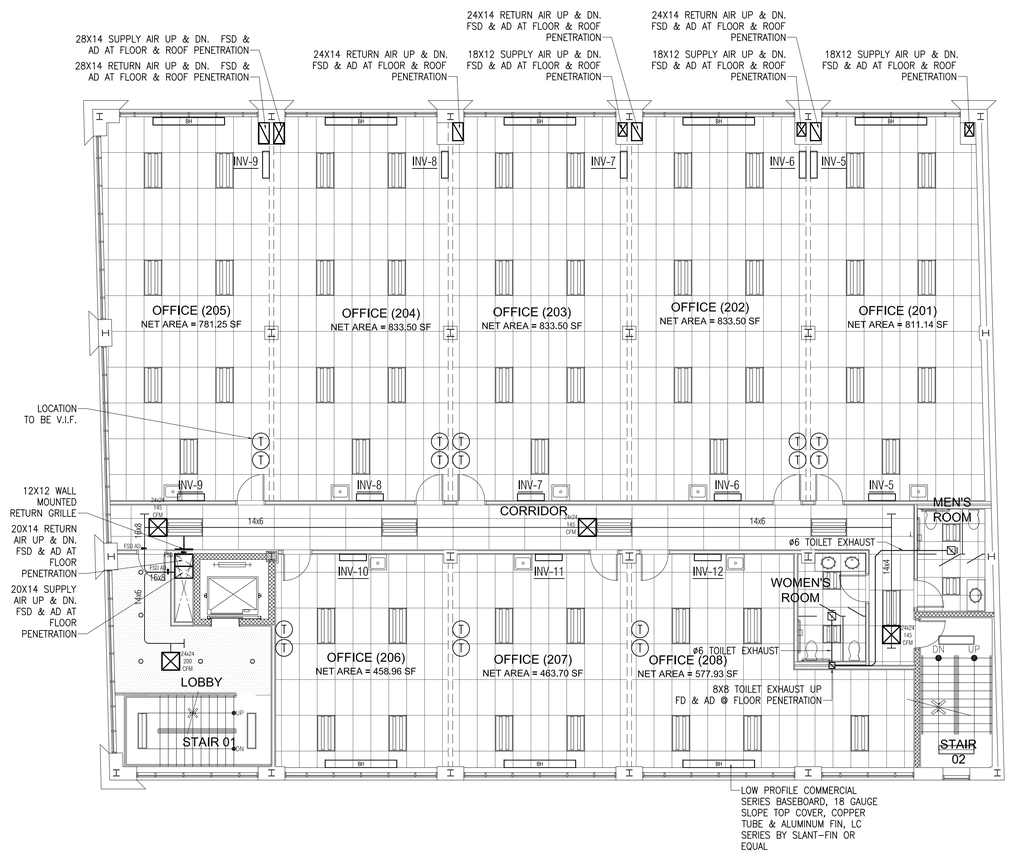
Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: M-101.00
Sheet No.: 35 OF 54

REQUIRED OUTDOOR VENTILATION AIR AS PER NYC MC TABLE 403.3		
OCCUPANCY CLASSIFICATION	ESTIMATED MAXIMUM OCCUPANT LOAD, PERSONS PER 1,000 SQUARE FEET	OUTDOOR AIR (Cubic feet per minute (cfm) per person) UNLESS NOTED
RETAIL STORE, SALES FLOORS & SHOWROOM FLOORS	–	0.30 CFM PER ft^2
TOILET ROOMS	–	75 cfm per water closet or urinal
RETAIL STORE 101; 1183.92 X 0.3 = 355 CFM REQUIRED –> 1700 CFM HVAC UNIT PROVIDED		
RETAIL STORE 102; 1341.86 X 0.3 = 403 CFM REQUIRED –> 1700 CFM HVAC UNIT PROVIDED		
RETAIL STORE 103; 1341.86 X 0.3 = 403 CFM REQUIRED –> 1700 CFM HVAC UNIT PROVIDED		
RETAIL STORE 104; 2169.09 X 0.3 = 651 CFM REQUIRED –> 4365 CFM HVAC UNIT PROVIDED		
TOILETS @ 1ST FL. 75 CFM REQUIRED –> 150 CFM FAN PROVIDED		
TOILETS @ 2ND & 3RD FL. 75X6= 450 CFM REQUIRED –> 809 CFM FAN PROVIDED		
ALL OTHER AREA, NATURAL VENTILATION PROVIDED		



NOTE:
1. BRANCH FROM MAIN SUPPLY TRUNK AT FIRST FLOOR TO BE FILED BY TENANT UNDER SEPARATE APPLICATION.

1 / M-102 **FIRST FLOOR MECHANICAL PLAN**
SCALE : 1/8" = 1'-0"



2 / M-102 **SECOND FLOOR MECHANICAL PLAN**
SCALE : 1/8" = 1'-0"

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:
NEW 3 STORY COMMERCIAL BUILDING
211-02 NORTHERN BLVD.
QUEENS, NY 11361

Drawing Title:
FIRST & SECOND FLOOR MECHANICAL PLANS

Application No.:

Seal & Signature

Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: M-102.00
Sheet No.: 36 OF 54

ROOF TOP SELF CONTAINED AIR CONDITIONING AND HEATING AND VENTILATION UNIT SCHEDULE

UNIT NO.	SERVICE	LOCATION	MANUFACTURER	MODEL NO.	SUPPLY FAN					EVAPORATOR COIL								COMPRESSOR			CONDENSER FAN		FILTER		GAS HEAT		UNIT WEIGHT LBS	SEER (S TON), EER (10 TON)	THERMAL EFFICIENCY (%)	REMARKS
					CFM	EXTERNAL STATIC PRESS (INCH)	FAN RPM	MOTOR BHP ~HP	MOTOR RPM	MINIMUM O.A. CFM	TOTAL COOLING MBH	SENSIBLE COOLING MBH	COIL ENT.AIR DB ~F	COIL ENT.AIR WB ~F	COIL LVG.AIR DB ~F	COIL LVG.AIR WB ~F	ROWS / FINS/INCH	TYPE	NO.	H.P.	REFRIG . TYPE	NO.	H.P. EA.	TYPE	AREA	INPUT MBH	OUTPUT MBH				
RTU-1	RETAIL STORE 101	3RD FL. TERRACE	CARRIER	48HCA006	1700	1.0	1035	2.4	–	260	46.51	37.11	77.1	68.1	56.3	55.8	3 / 15	SCROLL	1	–	R-410A	1	¼	DISP.	–	60	47	900	15.20	81	5 TON
RTU-2	RETAIL STORE 102	3RD FL. TERRACE	CARRIER	48HCA006	1700	1.0	1035	2.4	–	260	46.51	37.11	77.1	68.1	56.3	55.8	3 / 15	SCROLL	1	–	R-410A	1	¼	DISP.	–	60	47	900	15.20	81	5 TON
RTU-3	RETAIL STORE 103	3RD FL. TERRACE	CARRIER	48HCA006	1700	1.0	1035	2.4	–	260	46.51	37.11	77.1	68.1	56.3	55.8	3 / 15	SCROLL	1	–	R-410A	1	¼	DISP.	–	60	47	900	15.20	81	5 TON
RTU-4	RETAIL STORE 104	3RD FL. TERRACE	CARRIER	48HCD012	4365	1.0	1095	3.54	–	685	120.03	93.04	76.9	65.5	56.3	55.8	4 / 15	SCROLL	2	–	R-410A	1	1	DISP.	–	180	148	1500	11.5	82	10 TON
RTU-5	STAIRS, CORRIDORS, TOILETS, LOBBY	ROOF	CARRIER	48HCA006	1700	1.0	1035	2.4	–	260	46.51	37.11	77.1	68.1	56.3	55.8	3 / 15	SCROLL	1	–	R-410A	1	¼	DISP.	–	60	47	900	15.20	81	5 TON

NOTE:

ROOFTOP UNIT SHALL BE EQUIPPED WITH THE FOLLOWING OPTIONS AND ACCESSORIES:

1. PROVIDE 208 / 3 // 60 ELECTRICAL SERVICE.
2. ALL UNITS SHALL BE EQUIPPED FOR NATURAL GAS.
3. ALL UNITS SHALL BE EQUIPPED WITH ECONOMISERS.
4. ALL UNITS SHALL BE PROVIDED WITH FLUE DISCHARGE DEFLECTORS.
5. ALL UNITS SHALL BE PROVIDED WITH SUPPLY SMOKE DETECTORS.
6. ALL UNITS SHALL BE PROVIDED WITH FAN / FILTER SWITCHES.
7. ALL UNITS SHALL BE PROVIDED WITH NON-FUSED DISCONNECT SWITCHES.
8. ALL UNITS SHALL BE PROVIDED WITH POWERED CONVENIENCE OUTLETS.
9. ALL UNITS SHALL BE PROVIDED WITH ENTHALPY SENSORS.
10. PROVIDE DUCT MOUNTED SMOKE DETECTORS IN THE MAIN SUPPLY DUCTS OF ALL ROOF TOP UNITS.

FAN SCHEDULE

FAN NO.	SERVICE	LOCATION	MANUFACTURER	CFM	STATIC PRESS. IN.W.G.	FAN RPM	TYPE	MODEL NO.	WATTS	REMARKS
TEF-1	TOILETS	ROOF	GREENHECK	809	1.0	2336	CENTRIFUGAL ROOF EXHAUST FAN	GB-103HP-VG	200	START STOP BY TIME CLOCK
EF-1	TOILETS	FIRST FLOOR	GREENHECK	150	0.5	1050	CEILING MOUNTED EXHAUST FAN	SP-B150	128	START STOP BY SWITCH

NOTE:

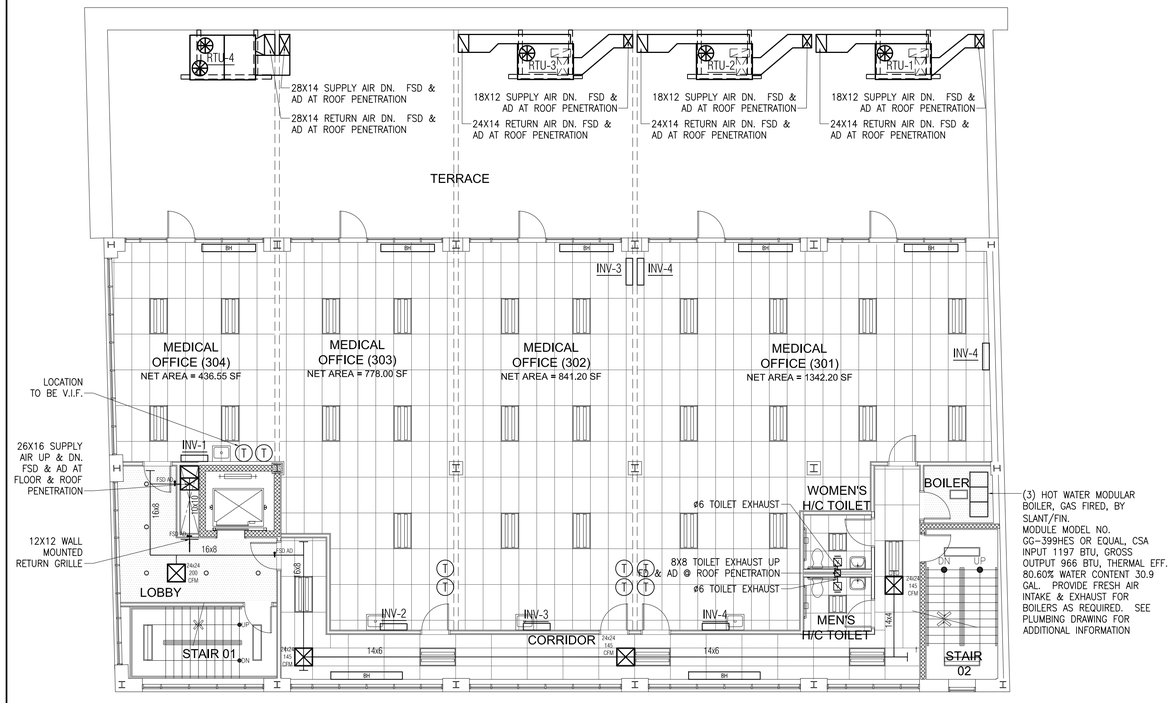
1. TOILET EXHAUST FAN SHALL BE EQUIPPED WITH THE FOLLOWING OPTIONS AND ACCESSORIES:
   - SWITCH NEMA-1 TOGGLE, MOUNTED AND WIRED
   - ALUMINUM WHEEL CONSTRUCTION
   - BEARINGS WITH GREASE FITTINGS
   - CANTED ATS TYPE (SOUND ATTENUATING) ROOF CURB AND TRAY
   - GRAVITY OPERATED DAMPER
   - ODP MOTOR
   - BIRD SCREEN
   - SOLID STATE SPEED CONTROL

DUCT-FREE HVAC EQUIPMENT SCHEDULE

UNIT NO.	SERVICE AREA	UNIT LOCATION	MANUFACTURER	MODEL NO.	CAPACITY (Btu/h)		SEER	EER	HSPF	POWER SUPPLY (V/Hz/Ø)	AMPS (A)		POWER INPUT (KW)		AIR FLOW RATE (CFM)	DEHUMIDIFICATION (pts/hr)
					COOL	HEAT					COOL	HEAT	COOL	HEAT		
INV-1	MEDICAL OFFICE 304	OFFICE 304	LG	LSN091HSV2	9000	10800	20.0	13.3	11.0	208~230/60/1	–	–	0.68	0.70	350	2.6
CU-1		ROOF	LG	LSU091HSV2							7.3	8.1	–	–	1165	
INV-2	MEDICAL OFFICE 303	OFFICE 303	LG	LSN121HSV2	11200	13300	20.0	12.5	11.0	208~230/60/1	–	–	0.90	1.0	350	3.0
CU-2		ROOF	LG	LSU121HSV2							7.3	8.1	–	–	1165	
INV-3	MEDICAL OFFICE 302	OFFICE 302	LG	LMN096HVT	15600	17000	21.0	14.0	9.2	208~230/60/1	–	–	–	–	240	2.3
CU-3		ROOF	LG	LMU187HV							11.4	11.9	1.12	1.29	2119	
INV-4	MEDICAL OFFICE 301	OFFICE 301	LG	LMN096HVT	19200	26400	21.7	13.4	9.4	208~230/60/1	–	–	–	–	240	2.3
CU-4		ROOF	LG	LMU247HV							14.9	14.9	1.43	2.21	2119	
INV-5	OFFICE 201	OFFICE 201	LG	LMN096HVT	15600	17000	21.0	14.0	9.2	208~230/60/1	–	–	–	–	240	2.3
CU-5		ROOF	LG	LMU187HV							11.4	11.9	1.12	1.29	2119	
INV-6	OFFICE 202	OFFICE 202	LG	LMN096HVT	15600	17000	21.0	14.0	9.2	208~230/60/1	–	–	–	–	240	2.3
CU-6		ROOF	LG	LMU187HV							11.4	11.9	1.12	1.29	2119	
INV-7	OFFICE 203	OFFICE 203	LG	LMN096HVT	15600	17000	21.0	14.0	9.2	208~230/60/1	–	–	–	–	240	2.3
CU-7		ROOF	LG	LMU187HV							11.4	11.9	1.12	1.29	2119	
INV-8	OFFICE 204	OFFICE 204	LG	LMN096HVT	15600	17000	21.0	14.0	9.2	208~230/60/1	–	–	–	–	240	2.3
CU-8		ROOF	LG	LMU187HV							11.4	11.9	1.12	1.29	2119	
INV-9	OFFICE 205	OFFICE 205	LG	LMN096HVT	15600	17000	21.0	14.0	9.2	208~230/60/1	–	–	–	–	240	2.3
CU-9		ROOF	LG	LMU187HV							11.4	11.9	1.12	1.29	2119	
INV-10	OFFICE 206	OFFICE 206	LG	LSN091HSV2	9000	10800	20.0	13.3	11.0	208~230/60/1	–	–	0.68	0.70	350	2.6
CU-10		ROOF	LG	LSU091HSV2							7.3	8.1	–	–	1165	
INV-11	OFFICE 207	OFFICE 207	LG	LSN091HSV2	9000	10800	20.0	13.3	11.0	208~230/60/1	–	–	0.68	0.70	350	2.6
CU-11		ROOF	LG	LSU091HSV2							7.3	8.1	–	–	1165	
INV-12	OFFICE 208	OFFICE 208	LG	LSN091HSV2	9000	10800	20.0	13.3	11.0	208~230/60/1	–	–	0.68	0.70	350	2.6
CU-12		ROOF	LG	LSU091HSV2							7.3	8.1	–	–	1165	

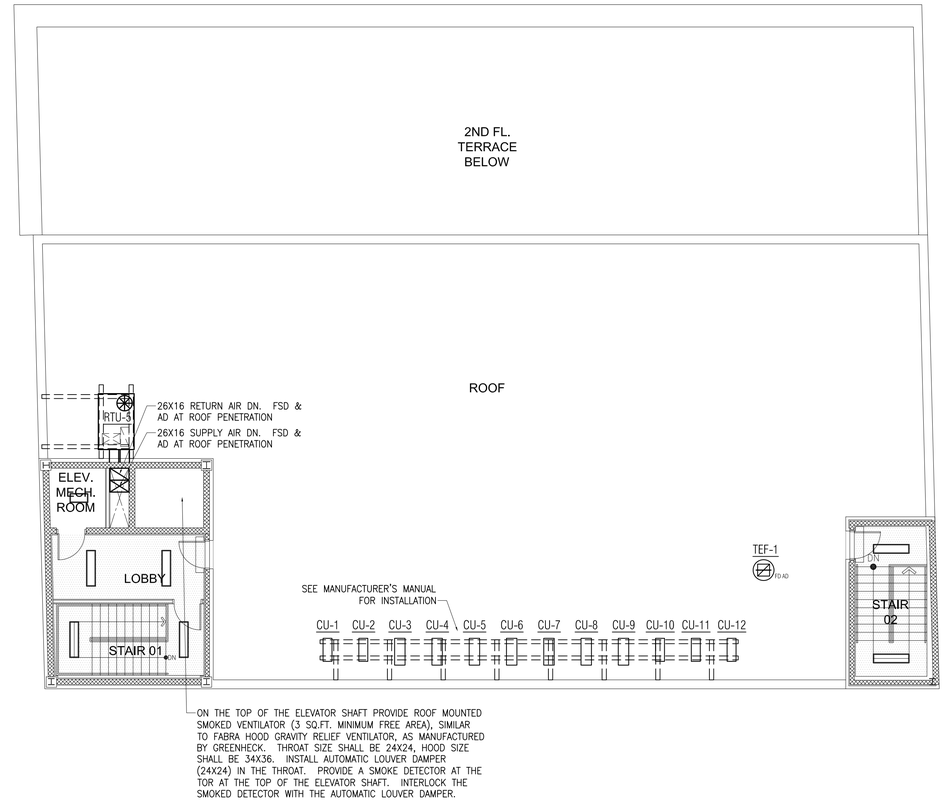
NOTE:

1. ALL NEW DUCT-FREE HVAC EQUIPMENTS SHALL BE INSTALLED AND FILED BY TENANT UNDER SEPARATE APPLICATION.
2. ALL NEW DUCT-FREE HAVC EQUIPMENTS ARE ONLY PROPOSAL. TENANT SHALL BE RESPONSIBLE OF ANY CHANGE OF PRODUCT, INSTALLATION, REQUIRED PERMIT AND ETC.
3. LOCATION OF ALL EQUIPMENTS ARE ONLY PROPOSED PURPOSE.



1 M-103 **THIRD FLOOR MECHANICAL PLAN**

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



2 M-103 **ROOF FLOOR MECHANICAL PLAN**

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

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

211-02 NORTHERN BLVD.
QUEENS, NY 11361

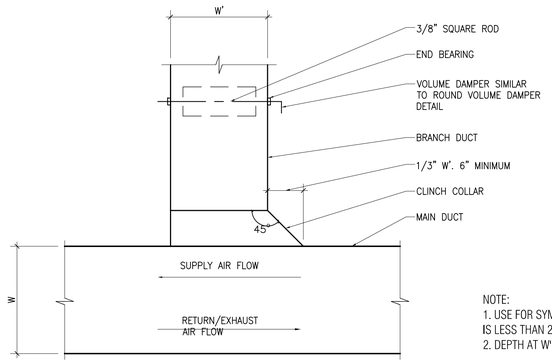
Drawing Title:

THIRD & ROOF FLOOR MECHANICAL PLANS

Application No.:

Seal & Signature

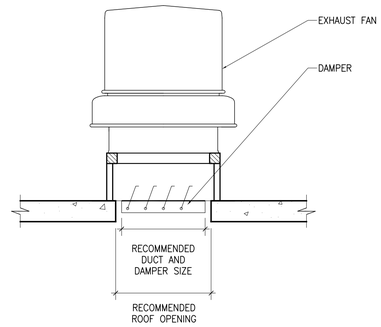
Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: M-103.00
Sheet No.: 37 OF 54



NOTE:
1. USE FOR SYMBOL ⊥ WHERE BRANCH DUCT AIR QUANTITY IS LESS THAN 25% OF THE TOTAL AIR FLOW.
2. DEPTH AT W' MUST BE AT LEAST 2" LESS THAN DEPTH AT W.

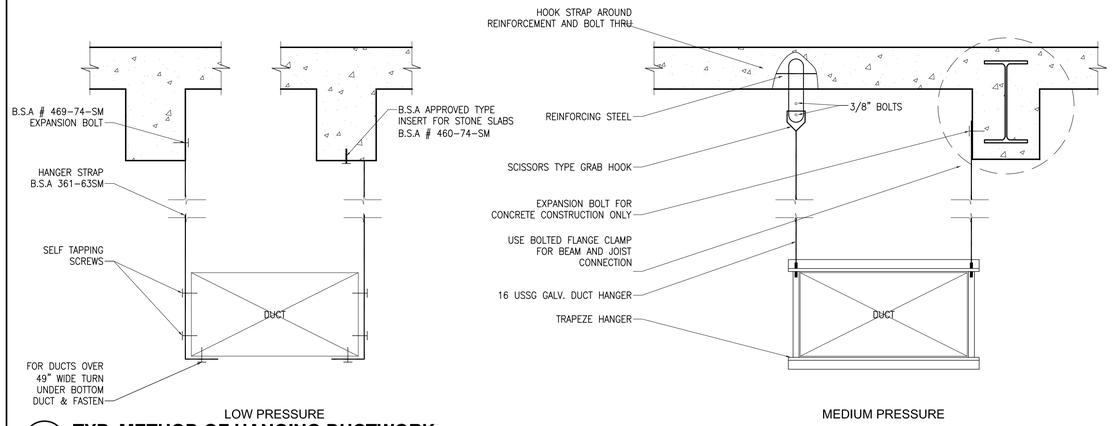
1 M-201 TYP. RECTANGULAR DUCT ANGULAR TAP WITH VOLUME DAMPER

SCALE: 1"=1'-0"



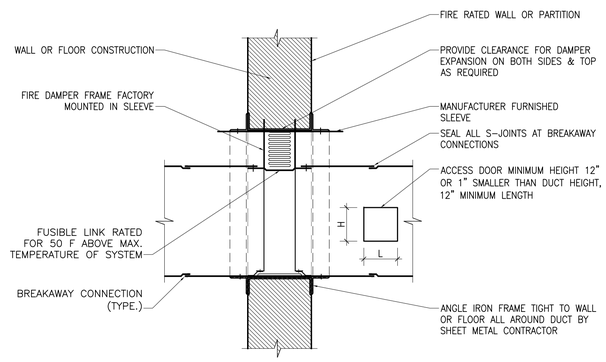
2 M-201 TYP. ROOF EXHAUST FAN DETAIL

SCALE: 1"=1'-0"



3 M-201 TYP. METHOD OF HANGING DUCTWORK

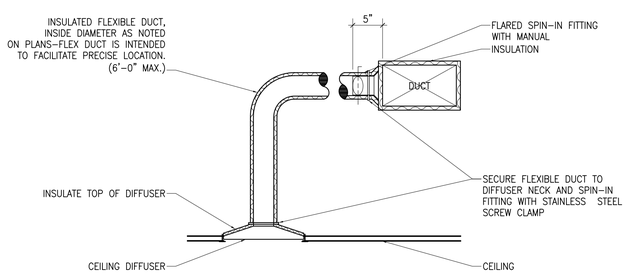
SCALE: 1"=1'-0"



ANGLE IRON TABLE	
WALL OPENING	ANGLE SIZE
UP TO 30"	1"x 1"x 1/8"
31" TO 54"	1 1/2"x 1 1/2"x 1/8"
55" TO 84"	3"x 2"x 3/16"
85" TO 120"	3"x 2"x 3/16"

NOTE:
RETAINING ANGLES MUST LAP STRUCTURAL OPENING 1" MIN.

GENERAL NOTE:
1. FIRE DAMPER TO BE U.L. LABELED NFPA 90A.
2. NFPA APPROVED INSTALLATION DETAILS TO BE PART OF SUBMISSION OF FIRE DAMPER FOR APPROVAL, WHICH SHALL MEET NFPA STANDARD 90A.
3. DETAILS SHOWN ARE FOR FIRE DAMPERS IN HORIZONTAL DUCTWORK. FOR FIRE DAMPERS IN VERTICAL DUCTWORK DETAILS SIMILAR EXCEPT DAMPERS SHALL BE SPRING LOADED
4. ACCESS DOOR SHOWN IN SIDE OF DUCT; IF FUSIBLE LINK IS MORE ACCESSIBLE FROM BOTTOM OF DUCT RELOCATE ACCESS DOOR
5. UL APPROVED BREAK WAY SLIP JOINT CONNECTION SHALL BE USED.
6. FIRE DAMPER FOR DUCT HEIGHT LARGER THAN 24 IN. CAN BE IN AIR STREAM.
7. THE DETAIL IS FOR GUIDE ONLY INSTALL FIRE DAMPER IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATION.



4 M-201 TYP. CEILING DIFFUSER CONNECTION

SCALE: 1"=1'-0"

5 M-201 TYP. FIRE DAMPER DETAIL

SCALE: 1"=1'-0"

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

211-02 NORTHERN BLVD.
QUEENS, NY 11361

Drawing Title:

DETAILS

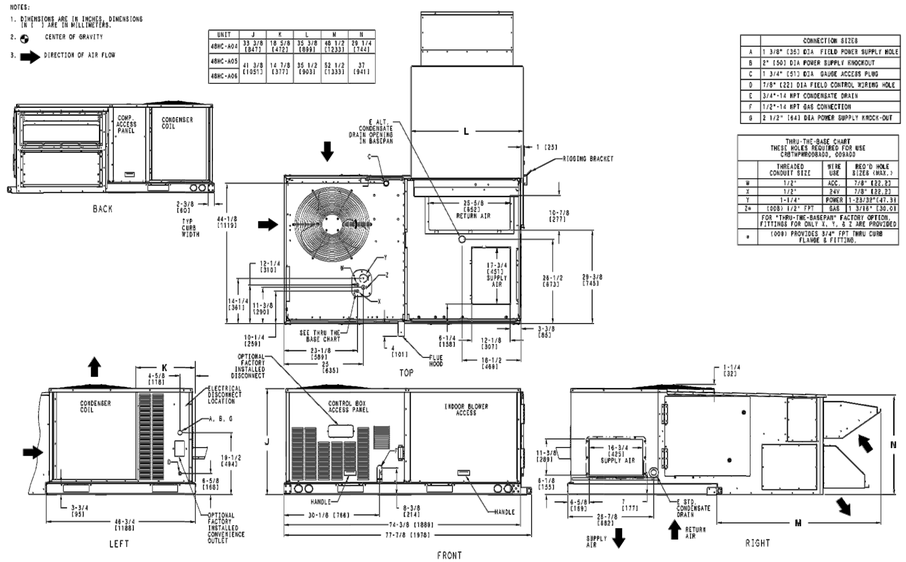
Application No.:

Seal & Signature

Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: M-201.00
Sheet No.: 38 OF 54

NOTES:
1. DIMENSIONS ARE IN INCHES. DIMENSIONS IN [ ] ARE IN MILLIMETERS.
2. CENTER OF GRAVITY
3. DIRECTION OF AIR FLOW

UNIT	J	K	L	M	N
48HC-A04	33 3/8 [847]	18 5/8 [472]	35 3/8 [899]	48 1/2 [1233]	29 1/4 [744]
48HC-A05	41 3/8 [1051]	14 7/8 [377]	35 1/2 [903]	52 1/2 [1333]	37 [941]
48HC-A06					

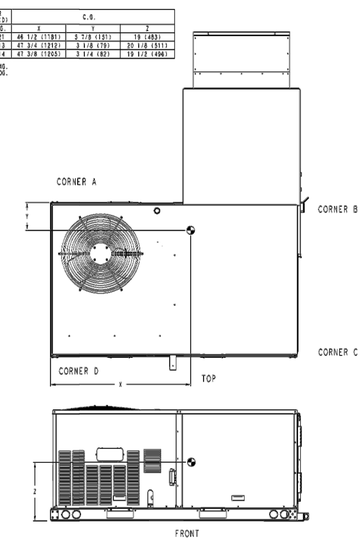


	CONNECTION SIZES
A	1 3/8" (35) DIA FIELD POWER SUPPLY HOLE
B	2" (50) DIA POWER SUPPLY KNOCKOUT
C	1 3/4" (51) DIA GAUGE ACCESS PLUG
D	7/8" (22) DIA FIELD CONTROL WIRING HOLE
E	3/4"-14 NPT CONDENSATE DRAIN
F	1/2"-14 NPT GAS CONNECTION
G	2 1/2" (64) DIA POWER SUPPLY KNOCK-OUT

THRU-THE-BASE CHART THESE HOLES REQUIRED FOR USE CWBTWPR0206A0, 0206A03			
	THREADED CONDUIT SIZE	WIRE USE	REQ'D HOLE SIZES (MAX.)
W	1/2"	ACC.	7/8" (22.2)
X	1/2"	24V	7/8" (22.2)
Y	1-1/4"	POWER	1-23/32"(47.6)
Z*	(008) 1/2" FPT	GAS	1 3/16" (30.0)
	FOR "THRU-THE-BASEPAN" FACTORY OPTION, FITTINGS FOR ONLY X, Y, & Z ARE PROVIDED		
*	(009) PROVIDES 3/4" FPT THRU CURB FLANGE & FITTING.		

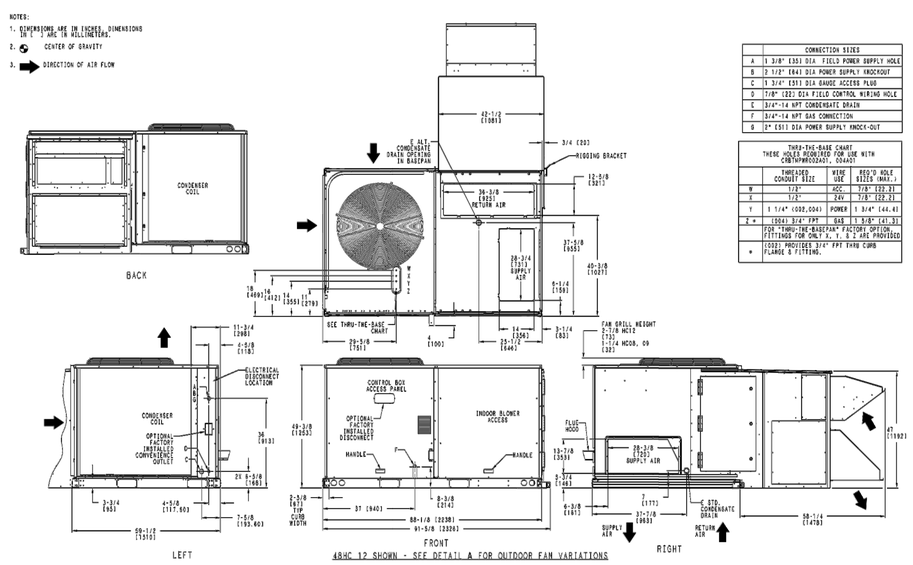
UNIT	STD. UNIT WEIGHT *		CORNER WEIGHT (A)		CORNER WEIGHT (B)		CORNER WEIGHT (C)		CORNER WEIGHT (D)		C.G.		
	LBS.	KG.	LBS.	KG.	LBS.	KG.	LBS.	KG.	LBS.	KG.	X	Y	Z
48HC-A04	988	448	317	144	329	241	77	35	46	21	46 1/2 (1181)	2 7/8 (131)	19 (483)
48HC-A05	1240	564	415	189	742	337	53	24	30	13	41 3/4 (1121)	3 1/8 (79)	20 1/8 (511)
48HC-A06	1266	568	422	192	742	337	55	25	31	14	41 3/8 (1053)	3 1/4 (82)	19 1/2 (496)

*: STANDARD UNIT WEIGHT IS WITH LOW GAS HEAT AND WITHOUT PACKAGING.
FOR OTHER OPTIONS AND ACCESSORIES REFER TO THE PRODUCT DATA CATALOG.



1 M-202 **ROOF TOP SELF CONTAINED AIR CONDITIONING AND HEATING AND VENTILATION UNIT (RTU-1)**
SCALE: N.T.S

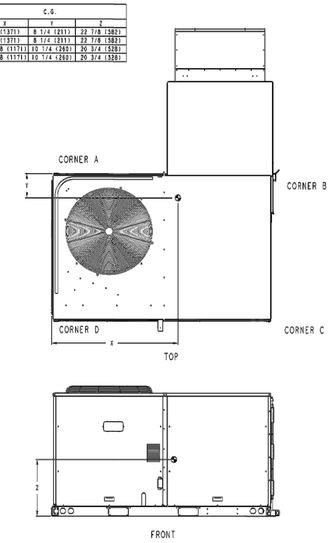
NOTES:
1. DIMENSIONS ARE IN INCHES. DIMENSIONS IN [ ] ARE IN MILLIMETERS.
2. CENTER OF GRAVITY
3. DIRECTION OF AIR FLOW

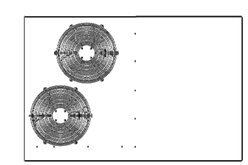


	CONNECTION SIZES
A	1 3/8" (35) DIA FIELD POWER SUPPLY HOLE
B	2 1/2" (64) DIA POWER SUPPLY KNOCKOUT
C	1 3/4" (51) DIA GAUGE ACCESS PLUG
D	7/8" (22) DIA FIELD CONTROL WIRING HOLE
E	3/4"-14 NPT CONDENSATE DRAIN
F	3/4"-14 NPT GAS CONNECTION
G	2" (51) DIA POWER SUPPLY KNOCK-OUT

THRU-THE-BASE CHART THESE HOLES REQUIRED FOR USE WITH CWBTWPR0206A0, 0206A03			
	THREADED CONDUIT SIZE	WIRE USE	REQ'D HOLE SIZES (MAX.)
W	1/2"	ACC.	7/8" (22.2)
X	1/2"	24V	7/8" (22.2)
Y	1 1/4" (032,034)	POWER	1 3/4" (44.4)
Z *	(004) 3/4" FPT	GAS	1 5/8" (41.3)
	FOR "THRU-THE-BASEPAN" FACTORY OPTION, FITTINGS FOR ONLY X, Y, & Z ARE PROVIDED		
*	(032) PROVIDES 3/4" FPT THRU CURB FLANGE & FITTING.		

UNIT	STD. UNIT WEIGHT *		CORNER WEIGHT (A)		CORNER WEIGHT (B)		CORNER WEIGHT (C)		CORNER WEIGHT (D)		C.G.		
	LBS.	KG.	LBS.	KG.	LBS.	KG.	LBS.	KG.	LBS.	KG.	X	Y	Z
48HC-D08	1784	815	598	272	944	430	153	70	97	44	54 (1371)	8 1/4 (211)	22 7/8 (582)
48HC-D09	1784	815	598	272	944	430	153	70	97	44	54 (1371)	8 1/4 (211)	22 7/8 (582)
48HC-D11	1959	890	773	352	849	386	176	80	161	73	48 1/8 (1171)	10 1/4 (260)	20 3/4 (528)
48HC-D12	1959	890	773	352	849	386	176	80	161	73	48 1/8 (1171)	10 1/4 (260)	20 3/4 (528)





48HC 12 SHOWN - SEE DETAIL A FOR OUTDOOR FAN VARIATIONS

2 M-202 **ROOF TOP SELF CONTAINED AIR CONDITIONING AND HEATING AND VENTILATION UNIT (RTU-4)**
SCALE: N.T.S

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

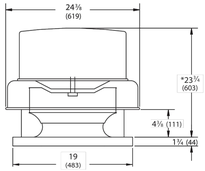
Project:
NEW 3 STORY COMMERCIAL BUILDING
211-02 NORTHERN BLVD.
QUEENS, NY 11361

Drawing Title:
ROOFTOP HVAC UNITS

Application No.:

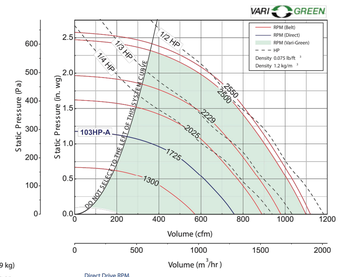
Seal & Signature

Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: M-202.00
Sheet No.: 39 OF 54



Damper Size = 12 x 12 (305 x 305)
Roof Opening = 14½ x 14½ (368 x 368)
Shroud Thickness = 0.051 (1.3)
Motor Cover Thickness = 0.040 (1.0)
Curb Cap Thickness = 0.064 (1.6)
^Approximate Unit Weight G/GB = 58/63 lbs. (26/29 kg)

All dimensions in inches (millimeters). *May be greater depending on motor. ^Weight shown is largest cataloged Open Drip-Proof motor.



Direct Drive RPM

A-1725 RPM VG-2550 RPM

Motor HP Belt	Motor HP Direct	Fan RPM		Static Pressure in Inches wg 0	0.25	0.5	0.75	1	1.25	1.5	1.75	2	2.25
1/4	VG-1/2	1300	CFM	571	477	342							
			BHP	0.06	0.06	0.07							
			Sones	6.6	5.7	5.3							
		1445	CFM	635	553	449	243						
			BHP	0.08	0.09	0.09	0.08						
			Sones	8.4	7.5	7	6.3						
		1590	CFM	699	626	537	417						
			BHP	0.10	0.11	0.12	0.12						
			Sones	10.4	9.5	9.1	8.3						
	A-1/4	1725	CFM	758	692	613	521	364					
			BHP	0.13	0.14	0.15	0.16	0.15					
			Sones	11.4	10.7	10.6	10.1	10					
		1880	CFM	826	767	697	618	518	337				
			BHP	0.17	0.18	0.19	0.20	0.20	0.18				
			Sones	12.7	12.2	11.9	12	11.4	11.9				
		2025	CFM	890	836	772	702	622	515	313			
			BHP	0.21	0.23	0.24	0.24	0.26	0.25	0.22			
			Sones	14.2	13.6	13.3	13.2	12.6	12	11.4			
1/3		2137	CFM	939	889	830	765	693	607	474			
			BHP	0.25	0.26	0.28	0.28	0.29	0.30	0.28			
			Sones	15.4	14.8	14.4	14.2	13.4	13.1	12.1			
		2229	CFM	979	931	875	814	748	674	574	406		
			BHP	0.28	0.30	0.31	0.32	0.33	0.35	0.33	0.31		
			Sones	15.8	15.4	14.8	14.5	14.1	13.7	13.2	12.0		
1/2		2336	CFM	1026	981	928	871	809	742	661	543	358	
			BHP	0.33	0.34	0.36	0.36	0.37	0.39	0.40	0.37	0.34	
			Sones	16.4	16	15.4	14.9	14.7	14	14.1	13.5	13.6	
		2500	CFM	1098	1056	1008	956	901	840	775	695	583	416
			BHP	0.40	0.42	0.43	0.45	0.45	0.46	0.48	0.48	0.46	0.42
			Sones	17.8	17.4	16.9	16.7	15.8	15.5	14.8	15.2	15.7	16.6
		2550	CFM	1120	1078	1032	982	928	869	807	735	639	497
			BHP	0.43	0.44	0.46	0.47	0.47	0.49	0.51	0.52	0.50	0.47
			Sones	18.2	17.9	17.4	17.2	16.3	16.1	15.1	15.6	16.2	17.2

MAXIMUM BHP AT A GIVEN RPM = (RPM/3165)³
MAXIMUM RPM = 2550
TIP SPEED (ft/min) = RPM x 2.978
MAXIMUM MOTOR FRAME SIZE = 56

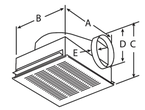
Performance certified is for installation type A: Free inlet, Free outlet. Power rating (BHP) does not include transmission los ses. Performance ratings include the effects of a birdscreen. The sound ratings shown are loudness values in hemispherical sones at 5 ft. (1.5 m) in a hemispherical free fi eld calculated per AMCA Standard 301. Values shown are for installation type A: free inlet hemispherical sone levels.

1 M-203 **FAN (TEF-1)**
SCALE: N.T.S

Model SP-B Dimensions

Model	A	B	C*	D	E	Designer Grille	Decorative Grille	Unit Weight
50, 70 & 80	13⅞ (352)	11½ (292)	7 (179)	6 (152)	1¼ (32)	14⅞ x 13 ¼ (378 x 337)	15¼ (387) sq.	9 (4)
90, 110, 150, 200	13⅞ (352)	11½ (292)	7 (179)	6 (152)	1¼ (32)			10 (5)

All dimensions are in inches (millimeters) and weight in pounds (kilograms). *Add 1⅛ in. (38 mm) to C dimension for incandescent light. Mounting bracket width is 1½ in. (38 mm). For complete dimensional information, see CAPS submittal drawings.



*Note: Amp draw is approximate and may vary based on motor manufacturer.

Model	Energy Star	RPM	Amps*	Watts		CFM / Static Pressure in Inches wg 0	0.1	0.125	0.25	0.375	0.5	0.625	0.75	0.875	1
SP-B50 2,3,5	☆	625	0.50	37.8	CFM	67	54	51	40	29					
					Sones	1.2	1.4	1.4	2.0	3.0					
SP-B70 2,3,5	☆	675	0.53	45.1	CFM	77	71	68	57	49	39				
					Sones	1.2	1.4	1.4	2.0	2.5	3.0				
SP-B80 2,3,5	☆	900	0.60	54.3	CFM	87	80	78	68	61	54	44	30		
					Sones	2.0	2.0	2.5	2.5	3.0	3.5	4.5	4.5		
SP-B90 2,3,4,5	☆	700	0.65	49.7	CFM	101	89	88	75	59	45	30			
					Sones	1.5	2.0	2.0	2.5	3.0	3.5	4.0			
SP-B110 2,3,4,5,6		950	1.14	80.2	CFM	133	114	110	97	95	94	91	85	72	50
					Sones	1.5	1.5	1.5	2.0	2.0	2.0	3.0	3.5	4.0	4.5
SP-B150 2,3,4,5,6		1050	1.70	128	CFM	160	156	155	154	152	149	147	138	123	92
					Sones	2.5	2.5	2.5	3.0	3.5	3.5	4.0	4.5	4.5	5.0
SP-B200 3,4,5,6		1100	2.20	172	CFM	197	195	194	191	187	184	181	166	151	128
					Sones	3.5	4.0	4.0	4.5	4.5	5.0	5.0	5.5	5.5	5.5

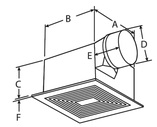
2 Available with light
3 Available with CRD - Ceiling Radiation Damper
4 Also available with 50 Hz motors (See page 20 for performance)
5 UL Listed for use above tubs.
6 Available with 277 volt motor.

Performance certified is for model SP exhaust for installation type B: Free inlet, Ducted outlet. Performance ratings include t he effects of an inlet grille and backdraft damper. Speed (rpm) shown is nominal. Performance is based on actual speed of test. The sound ratings shown are loudness values in spherical fan sones at 5 ft (1.5m) in a spherical free field calculated per Annex B of AMCA 311. Values shown are for installation type B: free inlet spherical fa n sone levels.

Model SP-C Dimensions

Model	A	B	C	D	E	F	Decorative Grille	Unit Weight
50	7½ (191)	7½ (191)	3⅛ (92)	3 (76)	1⅛ (41)	1/2 (13)	9⅞ x 9 (235 x 229)	5 (2)

All dimensions are in inches (millimeters) and weight in pounds (kilograms). For complete dimensional information, see CAPS submittal drawings.

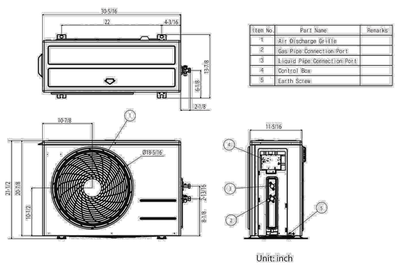


*Note: Amp draw is approximate and may vary based on motor manufacturer.

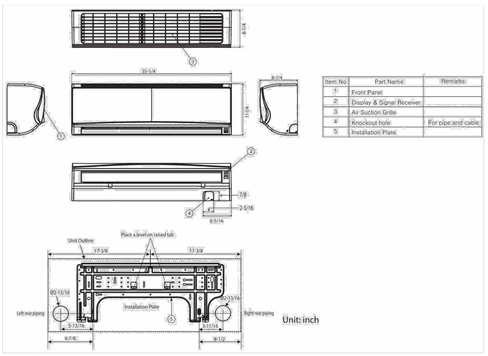
Model	RPM	Amps*	Watts		CFM / Static Pressure in Inches wg 0	0.1	0.125	0.25	0.375	0.5	0.625
SP-C50	1680	0.80	46	CFM	52	49	49	47	44	38	29
				Sones	3.0	3.0	3.0	3.0	3.5	4.0	4.0

Performance certified is for model SP exhaust for installation type B: Free inlet, Ducted outlet. Performance ratings include t he effects of an inlet grille and backdraft damper. Speed (rpm) shown is nominal. Performance is based on actual speed of test. The sound rat ings shown are loudness values in spherical fan sones at 5 ft (1.5m) in a spherical free field calculated per Annex B of AMCA 311. Values shown are for installation type B: free inlet spherical fan sone levels.

2 M-203 **FAN (EF-1)**
SCALE: N.T.S

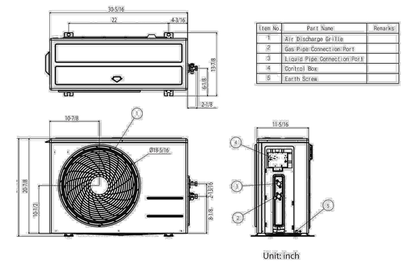


Item No	Part Name	Remarks
1	Air Discharge Grille	
2	Gas Pipe Connection Port	
3	Liquid Pipe Connection Port	
4	Control Box	
5	Earth Screw	

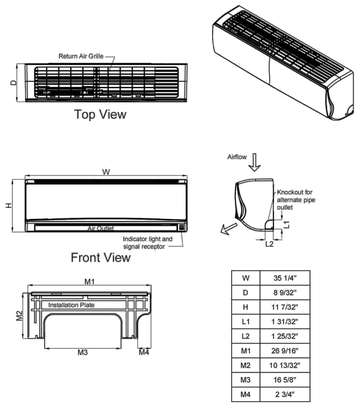


Item No	Part Name	Remarks
1	Front Panel	
2	Display & Signal Receiver	
3	Air Suction Grille	
4	Knockout hole	For pipe and cable
5	Installation Plate	

3 M-203 **DUCT-FREE HVAC EQUIPMENT(INV-1 / CU-1)**
SCALE: N.T.S

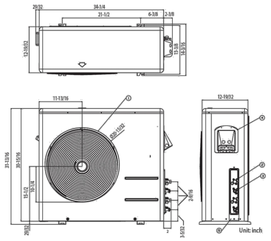


Item No	Part Name	Remarks
1	Air Discharge Grille	
2	Gas Pipe Connection Port	
3	Liquid Pipe Connection Port	
4	Control Box	
5	Earth Screw	

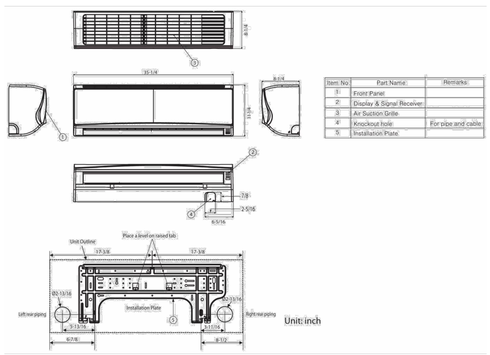


W	35 1/4"
D	8 9/32"
H	11 7/32"
L1	1 31/32"
L2	1 25/32"
M1	26 9/16"
M2	10 13/32"
M3	16 5/8"
M4	2 3/4"

4 M-203 **DUCT-FREE HVAC EQUIPMENT(INV-2 / CU-2)**
SCALE: N.T.S

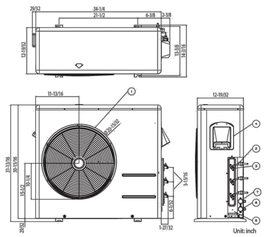


No.	Part Name	Remarks
1	Air discharge grille	
2	Gas pipe connection	
3	Liquid pipe connection	
4	Power & transmission connection	
5	Earth screw	
6	Main service valve(Liquid)	
7	Main service valve(Gas)	



Item No	Part Name	Remarks
1	Front Panel	
2	Display & Signal Receiver	
3	Air Suction Grille	
4	Knockout hole	For pipe and cable
5	Installation Plate	

5 M-203 **DUCT-FREE HVAC EQUIPMENT(INV-3 / CU-3)**
SCALE: N.T.S



No.	Part Name	Remarks
1	Air discharge grille	
2	Gas pipe connection	
3	Liquid pipe connection	
4	Power & transmission connection	
5	Earth screw	
6	Main service valve(Liquid)	
7	Main service valve(Gas)	

6 M-203 **DUCT-FREE HVAC EQUIPMENT(CU-4)**
SCALE: N.T.S

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

211-02 NORTHERN BLVD.
QUEENS, NY 11361

Drawing Title:

DUCT-FREE HVAC SYSTEM & FAN

Application No.:

Seal & Signature

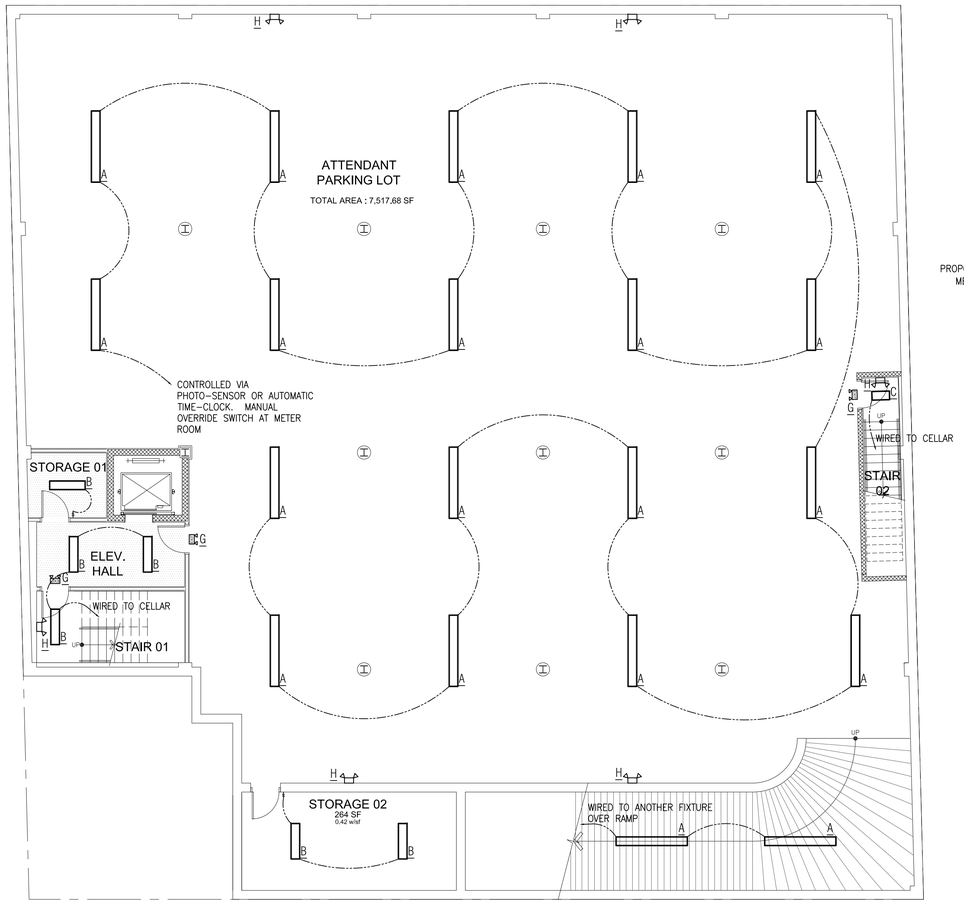
Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: M-203.00
Sheet No.: 40 OF 54

GENERAL NOTES

1. ALL ELECTRICAL WORK SHALL COMPLY WITH THE RULES OF THE NATIONAL ELECTRIC CODE AND THE ELECTRICAL CODE OF THE AUTHORITY HAVING JURISDICTION.
2. THE MINIMUM SIZE WIRE SHALL BE #12 AWG COPPER AND ALL WIRE SHALL BE ENCLOSED IN A MINIMUM 3/4" CONDUIT.
3. THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE RESPONSIBLE TRADES TO CUT/PATCH/REPAIR ALL WALL, FLOOR, AND CEILING PENETRATIONS AS NEEDED.
4. ALL FIRE RATED WALL PENETRATIONS MUST BE FIRE STOPPED, INCLUDING CONDUIT, CABLE TRAYS, ETC.
5. PROVIDE ALL REQUIRED PULL-BOXES AND MISCELLANEOUS HARDWARE FOR ALL CONDUIT RUNS. ALL CONDUIT RUNS SHALL BE PROPERLY SUPPORTED.
6. UNLESS OTHERWISE NOTED, ALL EQUIPMENT INSTALLED INDOORS SHALL HAVE A NEMA 1 RATING AND ALL EQUIPMENT INSTALLED OUTDOORS SHALL HAVE A NEMA 3R RATING.
7. PROVIDE LIQUID-TIGHT FLEXIBLE CONDUIT CONNECTIONS FOR ALL EQUIPMENT SUBJECT TO VIBRATION.
8. THE ELECTRICAL CONTRACTOR SHALL AT THEIR OWN DISCRETION COMBINE HOME RUNS.
9. THE MECHANICAL CONTRACTOR (MC) PROVIDES DISCONNECT AND CONVENIENCE RECEPTACLE FOR ALL ROOF TOP EQUIPMENT TO BE WIRED BY ELECTRICAL CONTRACTOR (EC).
10. THE ELECTRICAL CONTRACTOR (EC) IS RESPONSIBLE FOR ALL CONTROL WIRE CONDUIT WITH DRAG LINES. MECHANICAL CONTRACTOR (MC) IS RESPONSIBLE FOR ALL CONTROL WIRING FOR MECHANICAL SYSTEMS. (MC) TO PROVIDE ALL MOTOR STARTERS, RELAY CONTROL WIRING, TIMECLOCKS, THERMOSTATS, AND TEMPERATURE SENSORS AS REQUIRED FOR A COMPLETE OPERATING SYSTEM. COORDINATE WITH (MC) FOR EQUIPMENT LOCATIONS TO BE POWERED BY (EC).

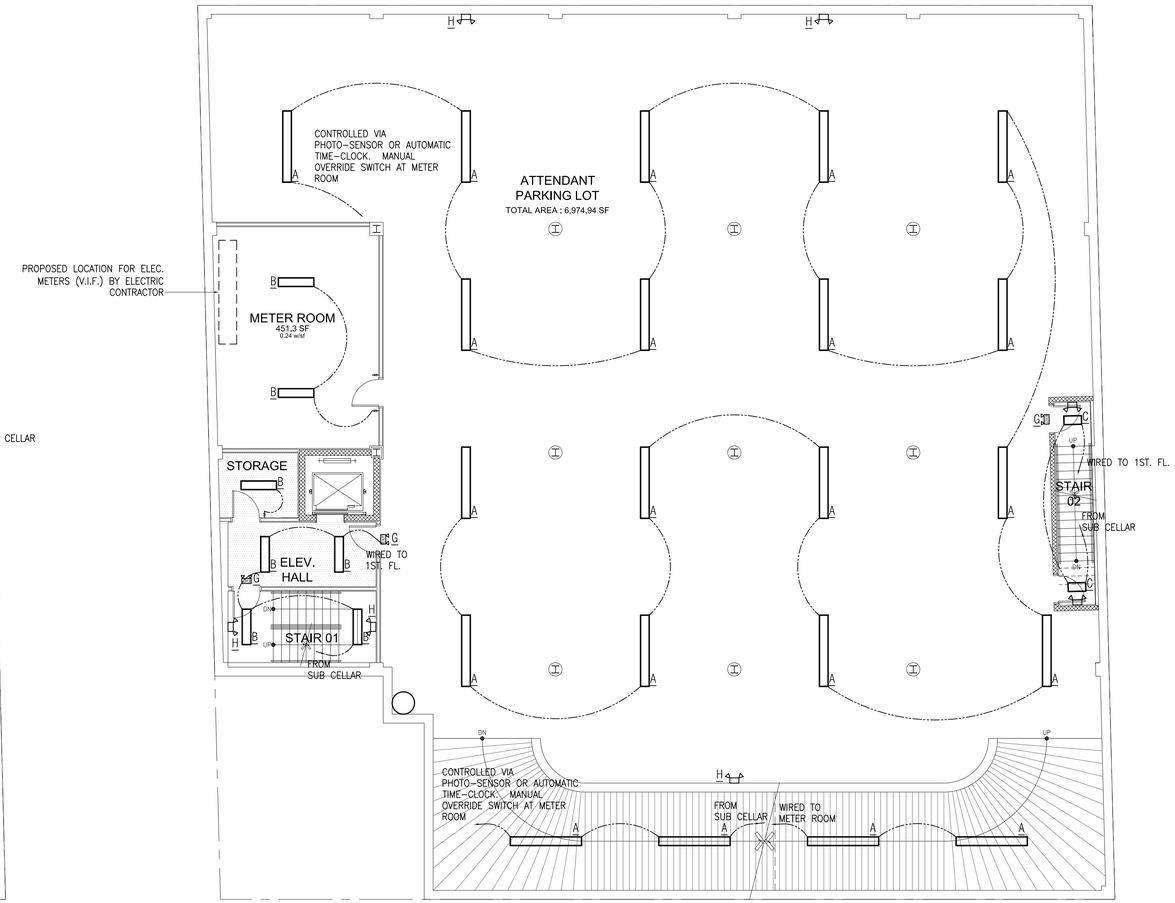
GENERAL LIGHTING NOTES

1. NO DEVIATION IN THE LIGHTING PLACEMENT WILL BE PERMITTED WITHOUT THE APPROVAL ARCHITECT/ENGINEER.
2. GENERAL LIGHTING: THE ITEMS SPECIFIED ESTABLISH THE STANDARD FOR THE SCOPE OF WORK TO EXPEDITE THE CONSTRUCTION SCHEDULE. SUBSTITUTION OF MATERIAL MAY BE SUBMITTED BY THE CONTRACTOR TO ARCHITECT FOR REVIEW AND CONSIDERATION. NO SUBSTITUTIONS SHALL BE MADE WITHOUT THE WRITTEN APPROVAL OF ARCHITECT/ENGINEER.
3. THE ELECTRICAL CONTRACTOR SHALL AT THEIR OWN DISCRETION COMBINE HOME RUNS, HOWEVER ALL CIRCUITS SERVING FLUORESCENT LIGHTING SHALL HAVE INDEPENDENT NEUTRALS.
4. PROVIDE ALL REQUIRED WIRING NECESSARY BETWEEN SWITCHES FOR COMPLETE LIGHTING CONTROL WHERE 3 OR 4 WAY SWITCHES ARE USED, PROVIDE ALL REQUIRED WIRING BETWEEN SWITCHES. WIRE SIZE SHALL EQUAL POWER FEED SIZE.
5. PROVIDE ALL REQUIRED WIRING NECESSARY BETWEEN SWITCHES FOR COMPLETE LIGHTING.
6. PROVIDE AND INSTALL A DEDICATED NEUTRAL FOR EACH CIRCUIT. CONTRACTOR IS NOT PERMITTED TO USE COMMON NEUTRALS.
7. PROVIDE ALL MOUNTING HARDWARE TO SECURELY MOUNT FIXTURES AT HEIGHTS SPECIFIED ON LIGHTING FIXTURE SCHEDULE.
8. CONTRACTOR SHALL PROVIDE AN UNSWITCHED POWER FEED TO ALL EXIT LIGHTS, EMERGENCY LIGHTS AND FIXTURES



1 E-101 **SUB CELLAR FLOOR ELECTRICAL PLAN**

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



2 E-101 **CELLAR FLOOR ELECTRICAL PLAN**

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

NOTE:
1. ALL LIGHTINGS AT ELEVATOR HALLS, STAIRS AND CORRIDORS SHALL BE ILLUMINATED CONTINUOUSLY AND CONTROLLED MANUALLY. BECAUSE THOSE AREAS ARE DESIGNED AS MEANS OF EGRESS.
2. ALL EMERGENCY LIGHT FIXTURES AND EXIT SIGN FIXTURES TO REMAIN ENERGIZED AT ALL TIMES.

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

211-02 NORTHERN BLVD.
QUEENS, NY 11361

Drawing Title:

SUB CELLAR & CELLAR FLOOR ELECTRICAL PLANS

Application No.:

Seal & Signature

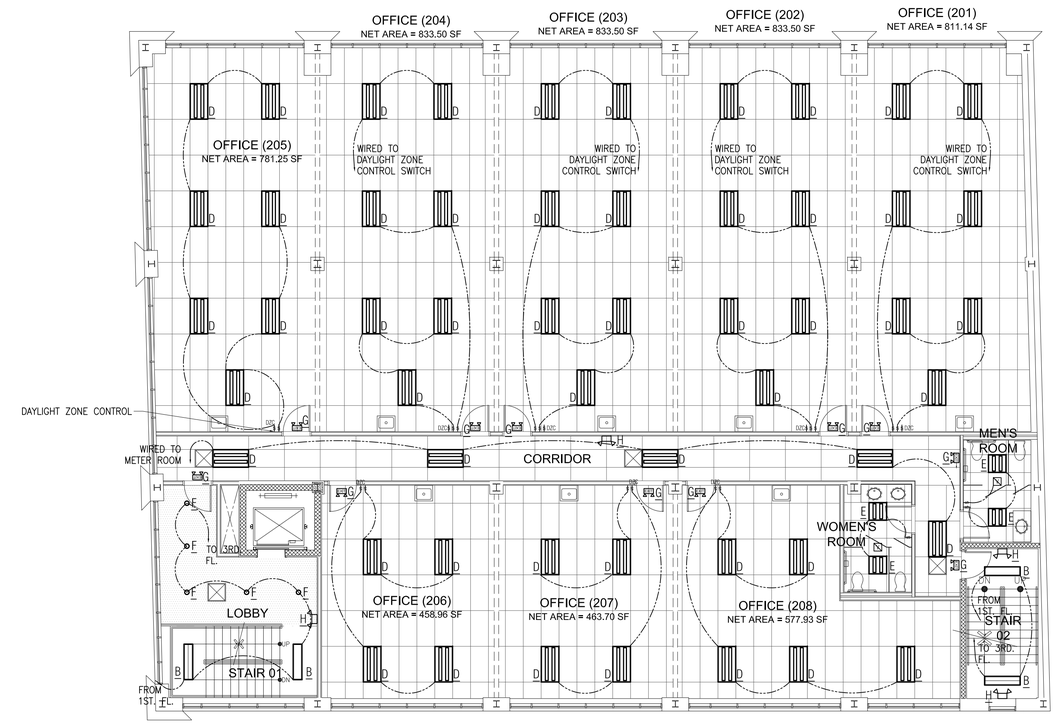
Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: E-101.00
Sheet No.: 41 OF 54

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MODEL NO.	BALLAST	INPUT WATT	NOTES
A	SURFACE MOUNTED 96" LONG WRAPAROUND FLUORESCENT LIGHT	COOPER LIGHTING	8TWN-228T8A	T8 ELECTRONIC INSTANT START HIGH BALLAST FACTOR 1.15	96	(4) F28T8 LAMP, 28W
B	SURFACE MOUNTED 48" LONG WRAPAROUND FLUORESCENT LIGHT	COOPER LIGHTING	WN-228T8A	T8 ELECTRONIC INSTANT START HIGH BALLAST FACTOR 1.15	48	(2) F28T8 LAMP, 28W
C	SURFACE MOUNTED 24" LONG WRAPAROUND FLUORESCENT LIGHT	COOPER LIGHTING	WN-217A	T8 ELECTRONIC INSTANT START HIGH BALLAST FACTOR 1.15	36	(2) F17T8 LAMP, 17W
D	2'X4' RECESSED LINER FLUORESCENT LOUVER LIGHTING	COOPER LIGHTING	2EP3GAX-332	T8 ELECTRONIC START HIGH BALLAST FACTOR 1.15	81	(3) F32T8 LAMP, 32W
E	2'X2' RECESSED LINER FLUORESCENT LOUVER LIGHTING	COOPER LIGHTING	2EP3GAX-2U6T8	T8 ELECTRONIC START HIGH BALLAST FACTOR 1.15	61	(2) F32T8 U-LAMP, 32W
F	8" RECESS DOWNLIGHTING, COMPACE FLUORESCENT LIGHTING	COOPER LIGHTING	PD8H142E82H	T8 ELECTRONIC START HIGH BALLAST FACTOR 1.00	28	(1) CFQ26W/G240 LAMP, 26W
G	EXIT & EMERGENCY LIGHTING COMBO (2 OR 3 HEAD)	COOPER LIGHTING	RCS SERIES	–	5.2	"EXIT" SIGN 2.3W
H	EMERGENCY LIGHTING (2 HEAD)	COOPER LIGHTING	REL SERIES	–	5.0	
I	15" ROUND WALL MOUNTED, HID, EXTERIOR FIXTURE	COOPER LIGHTING	TRF15-O-70MH	STANDARD HPF	95.0	(1) 70W METAL HALIDE
J	EXTERIOR ARCHITECTURAL LED AREA/SITE LUMINAIRE	COOPER LIGHTING	AVMC02LED	ELECTRONIC	54	(2) 7 LED LIGHTBAR
CONTRACTOR SHALL PROVIDE FIXTURES AS SCHEDULED OR EQUAL						

INTERIOR LIGHTING POWER ALLOWANCES AS PER NYC ECC TABLE 505.5.2

ROOM NAME	BUILDING AREA TYPE	LIGHT POWER DENSITY (W/SF)	ROOM NET AREA (SF)	ALLOWED POWER DENSITY (W)	PROVIDED POWER DENSITY (W)
ATTENDANT PARKING LOT @ SUB CELLAR	PARKING GARAGE	0.3	9,444	2,833	> 2,444 – OK
ATTENDANT PARKING LOT @ CELLAR	PARKING GARAGE	0.3	9,444	2,833	> 2,244 – OK
RETAIL STORES @ FIRST FLOOR	RETAIL	1.5	7,304	10,956	> 6,951 – OK
OFFICES @ SECOND FLOOR	OFFICE	1.0	7,500	7,500	> 4,869 – OK
MEDICAL OFFICES @ THIRD FLOOR	HEALTHCARE-CLINIC	1.0	3,397.95	5,075	> 2,920 – OK
SEE LIGHTING FIXTURE SCHEDULE AND COM CHECK					



1 E-102 **FIRST FLOOR ELECTRICAL PLAN**

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

2 E-102 **SECOND FLOOR ELECTRICAL PLAN**

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

NOTE:
1. ALL LIGHTINGS AT ELEVATOR HALLS, STAIRS AND CORRIDORS SHALL BE ILLUMINATED CONTINUOUSLY AND CONTROLLED MANUALLY. BECAUSE THOSE AREAS ARE DESIGNED AS MEANS OF EGRESS.
2. ALL EMERGENCY LIGHT FIXTURES AND EXIT SIGN FIXTURES TO REMAIN ENERGIZED AT ALL TIMES.

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

211-02 NORTHERN BLVD.
QUEENS, NY 11361

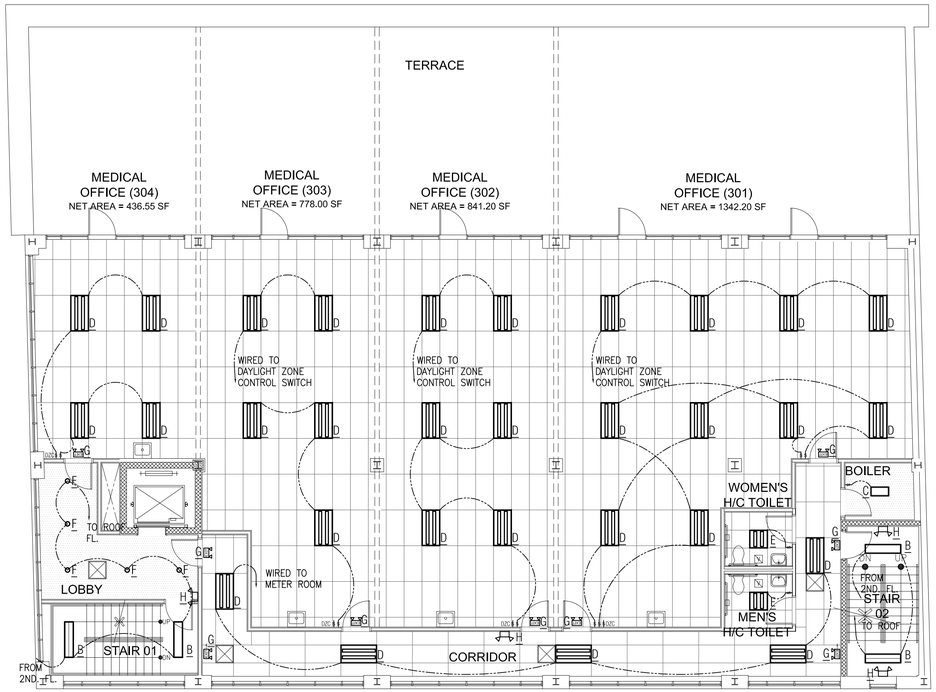
Drawing Title:

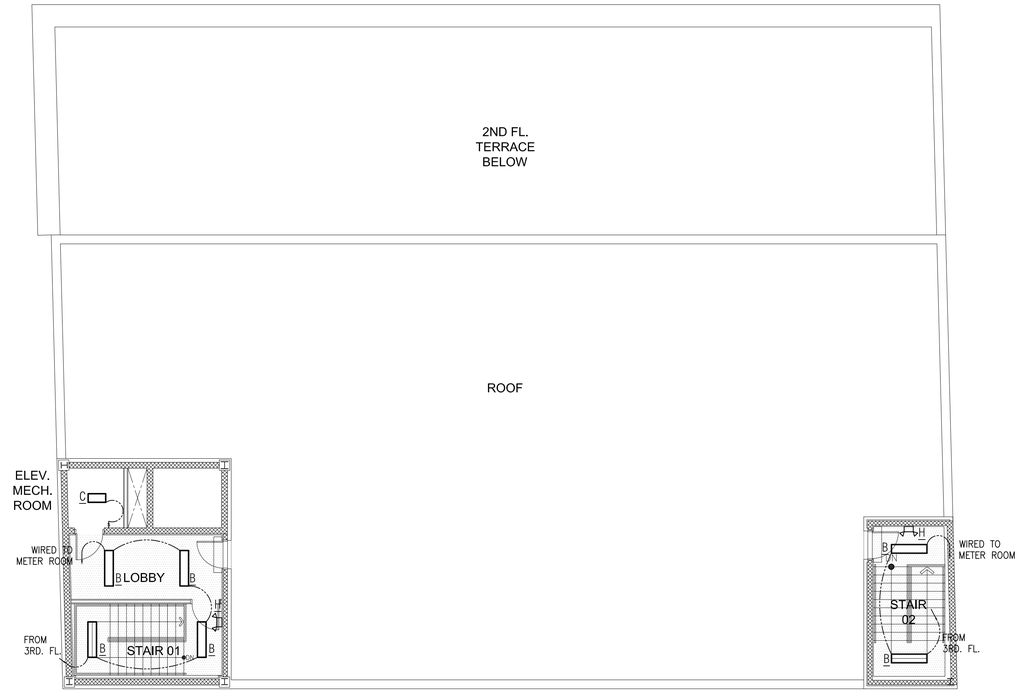
FIRST & SECOND FLOOR ELECTRICAL PLANS

Application No.:

Seal & Signature

Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: E-102.00
Sheet No.: 42 OF 54





1 E-103 **THIRD FLOOR ELECTRICAL PLAN**

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

NOTE:
1. ALL LIGHTINGS AT ELEVATOR HALLS, STAIRS AND CORRIDORS SHALL BE ILLUMINATED CONTINUOUSLY AND CONTROLLED MANUALLY. BECAUSE THOSE AREAS ARE DESIGNED AS MEANS OF EGRESS.
2. ALL EMERGENCY LIGHT FIXTURES AND EXIT SIGN FIXTURES TO REMAIN ENERGIZED AT ALL TIMES.

2 E-103 **ROOF FLOOR ELECTRICAL PLAN**

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

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

211-02 NORTHERN BLVD.
QUEENS, NY 11361

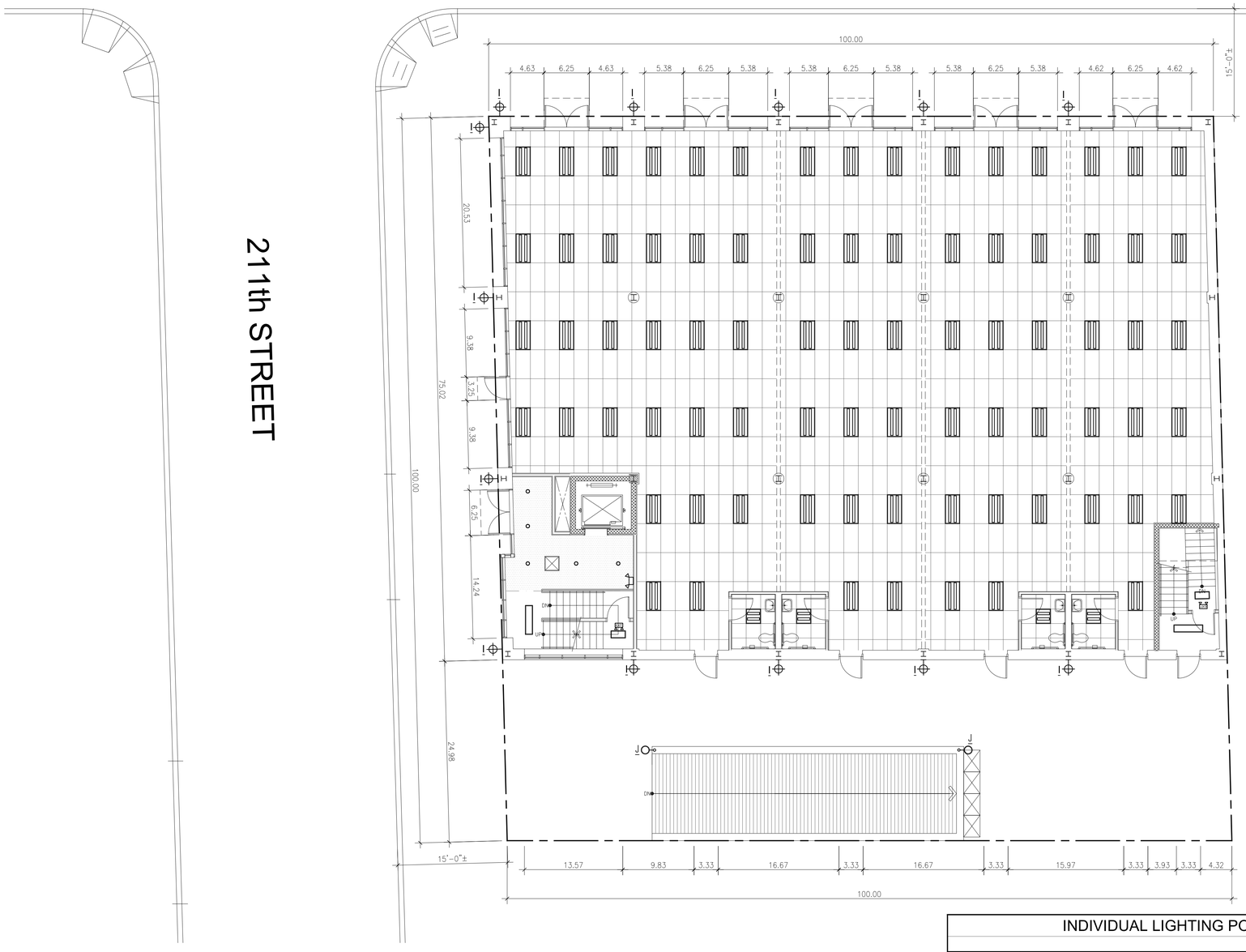
Drawing Title:

THIRD & ROOF FLOOR ELECTRICAL PLANS

Application No.:

Seal & Signature

Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: E-103.00
Sheet No.: 43 OF 54



NOTE:

1. ALL EXTERIOR LIGHT FIXTURES SHALL BE EQUIPPED WITH AUTOMATIC ON/OFF CONTROL, ASTRONOMICAL TIMECLOCK AND PHOTO-SENSOR. PROVIDE OVERRIDE SWITCH AT METER ROOM.

N

1 / E-104 **FIRST FLOOR ELECTRICAL PLAN (EXTERIOR ONLY)**

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

INDIVIDUAL LIGHTING POWER ALLOWANCE FOR BUILDING EXTERIORS

AS PER NYECC TABLE 505.6.2(2)

	AREA	ALLOWANCE	QUANTITY	ALLOWED	PROPOSED
BASE	–	600 W	–	600 W	–
TRADABLE	DRIVEWAY	0.06 W/FT²	2,018 FT²	121 W	434 W
	PARKING AREA	0.06 W/FT²	479 FT²	29 W	54 W
	WALKWAYS (10 FT WIDER)	0.14 W/FT²	2,839 FT²	397 W	
	MAIN ENTRIES	20 W/LFT PER DOOR WIDTH	6 FT	120 W	
	OTHER DOORS	20 W/LFT PER DOOR WIDTH	51 FT	1,020 W	
NON-TRADABLE	BUILDING FACADES	2.5 W/LFT	104 FT	260 W	855 W
TOTAL	–	–	–	TRADABLE 1,687W	488 W : OK

EXTERIOR LIGHTING ZONES OF THIS PROPERTY IS LIGHTING ZONE 2 AS PER NYCECC TABLE 505.6.2(1)

SEE LIGHTING FIXTURE SCHEDULE AND COM CHECK

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

211-02 NORTHERN BLVD.
QUEENS, NY 11361

Drawing Title:

FIRST FLOOR ELECTRICAL PLAN (EXTERIOR ONLY)

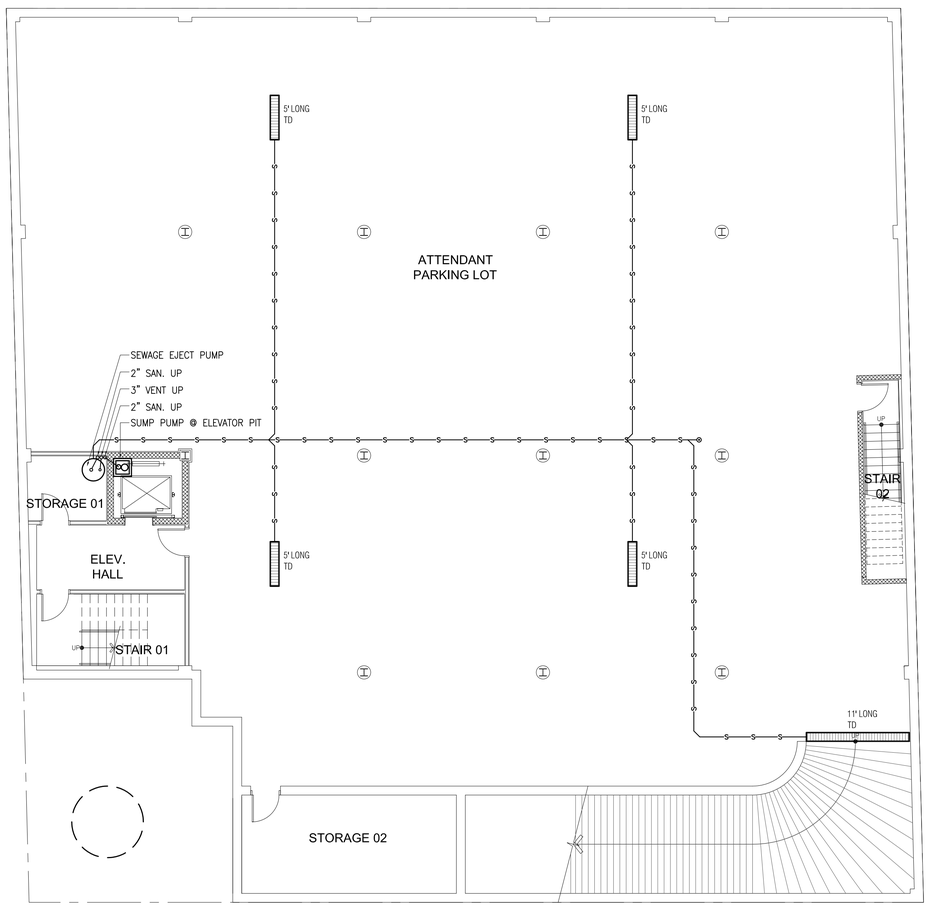
Application No.:

Seal & Signature

Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: E-104.00
Sheet No.: 44 OF 54

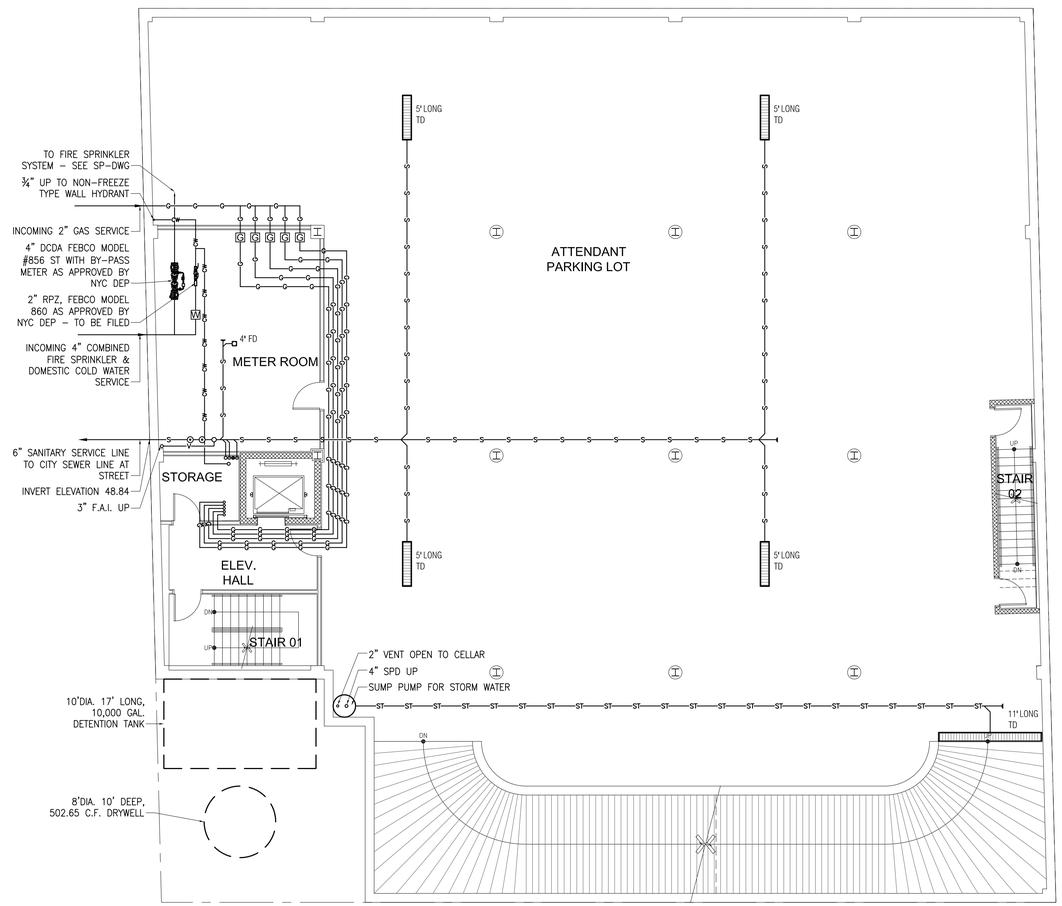
LEGEND OF DRAWING

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
—S—S—	SANITARY PIPING		CLEANOUT – CO	TD	TRENCH DRAIN
—ST—ST—	STORM DRAINAGE PIPING		CLEANOUT DECK PLATE – CODP	FD	CEILING RETURN AIR GRILLE OR REGISTER
—V—V—	VENT PIPING		HOUSE TRAP	RD	ROOF DRAIN
—SPD—SPD—	SUMP PUMP DISCHARGE		PIPE–UP UNLESS OTHERWISE NOTED	FAI	FRESH AIR INTAKE
—CW—CW—	COLD WATER PIPING		PIPE–DOWN UNLESS OTHERWISE NOTED	SAN	SANITARY PIPING
—HW—HW—	HOT WATER PIPING		PIPE–UP & DOWN UNLESS OTHERWISE NOTED	GC	GRIT CHAMBER
—G—G—	GAS PIPING	BH	BASEBOARD HEATING UNIT	CB	CATCH BASIN
—HT—HT—	HOT WATER SUPPLY PIPING TO BASEBOARD HEATING UNIT	G	GAS METER	DN	PIPING DOWN
—HTR—HTR—	HOT WATER RETURN PIPING FROM BASEBOARD HEATING UNIT	W	WATER METER	UP	PINING UP
SEE RISER DIAGRAMS FOR SIZE, LOCATION & ADDITIONAL INFORMATION				VTR	VENT THROUGH ROOF



1 P-101 **SUB CELLAR FLOOR PLUMBING PLAN**

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



2 P-101 **CELLAR FLOOR PLUMBING PLAN**

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

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

211-02 NORTHERN BLVD.
QUEENS, NY 11361

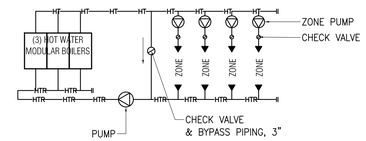
Drawing Title:

SUB CELLAR & CELLAR FLOOR PLUMBING PLANS

Application No.:

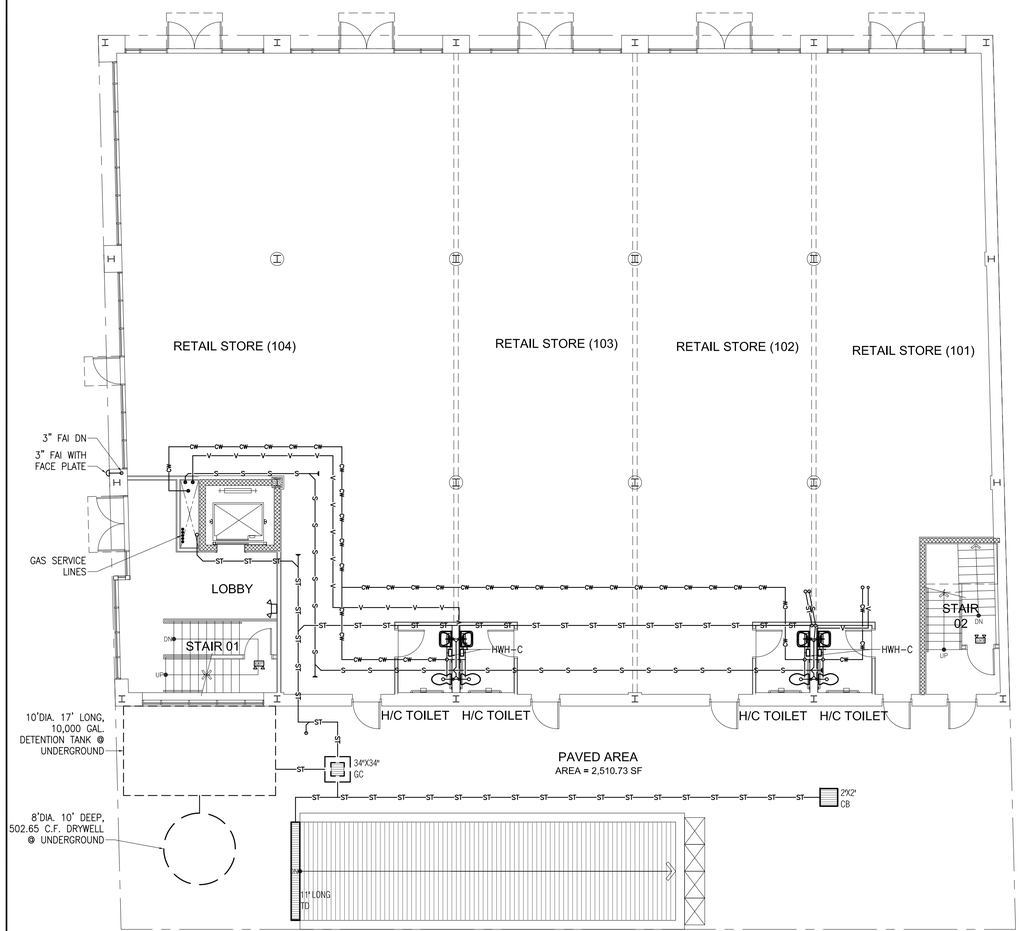
Seal & Signature

Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: P-101.00
Sheet No.: 45 OF 54



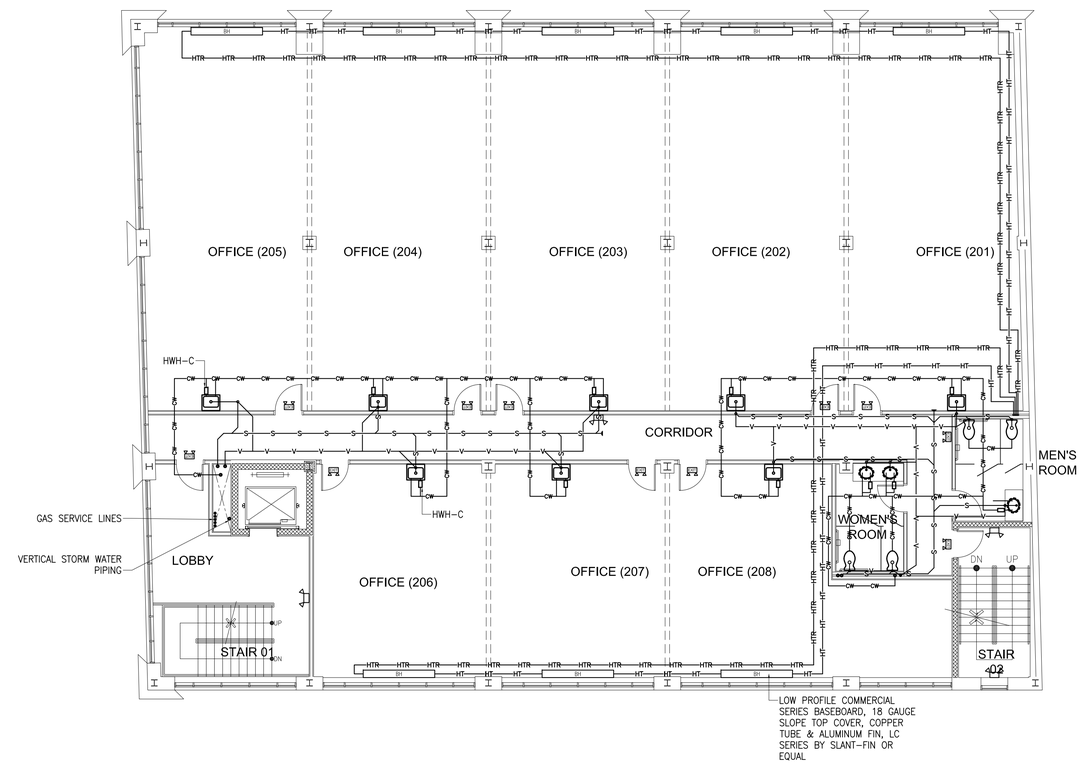
3 / P-102 **TYP. BOILER PIPING DIAGRAM**

SCALE : N.T.S.



1 / P-102 **FIRST FLOOR PLUMBING PLAN**

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



2 / P-102 **SECOND FLOOR PLUMBING PLAN**

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

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

211-02 NORTHERN BLVD.
QUEENS, NY 11361

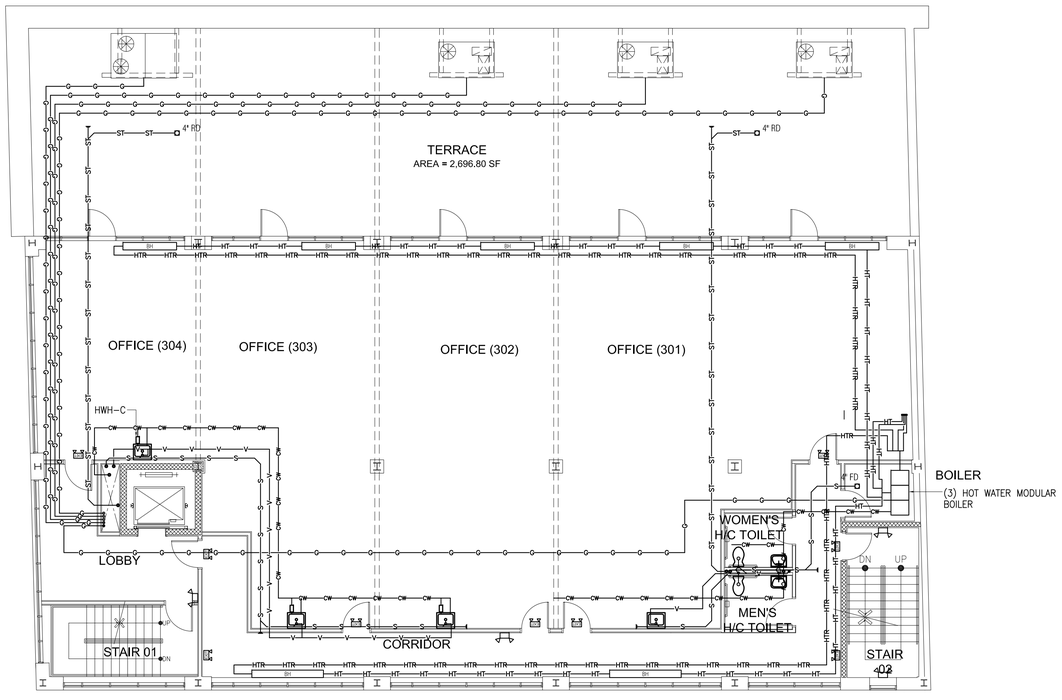
Drawing Title:

FIRST & SECOND FLOOR PLUMBING PLANS

Application No.:

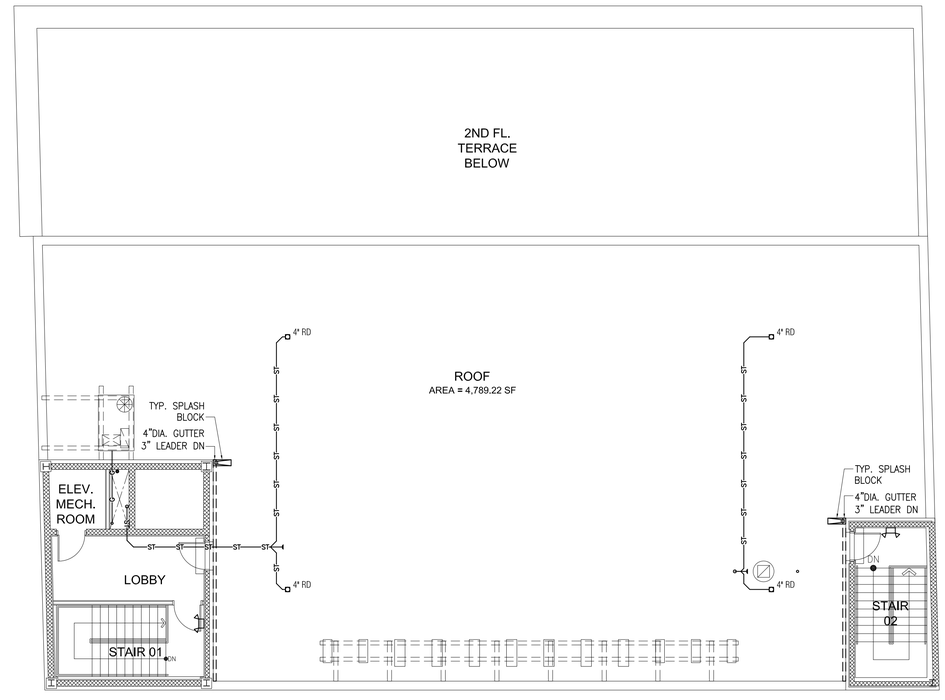
Seal & Signature

Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: P-102.00
Sheet No.: 46 OF 54



1 P-103 **THIRD FLOOR PLUMBING PLAN**

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



2 P-103 **ROOF FLOOR PLUMBING PLAN**

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

NOTE:

1. HORIZONTAL STORM WATER PIPING BELOW ROOF DECK SHALL BE THERMALLY INSULATED.
2. FOR GAS FIRED ROOFTOP UNITS SCHEDULE REFER TO MECHANICAL DRAWING.
3. FOR PIPE SIZES (SANITARY, VENT, GAS, STORM WATER, DOMESTIC COLD AND HOT WATER), SEE RESPECTIVE RISER AND FLOW DIAGRAMS ON SHEET P-301, 302 AND 303.

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

211-02 NORTHERN BLVD.
QUEENS, NY 11361

Drawing Title:

THIRD & ROOF FLOOR PLUMBING PLANS

Application No.:

Seal & Signature

Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: P-103.00
Sheet No.: 47 OF 54

SIZES OF PLUMBING FIXTURE TRAPS:

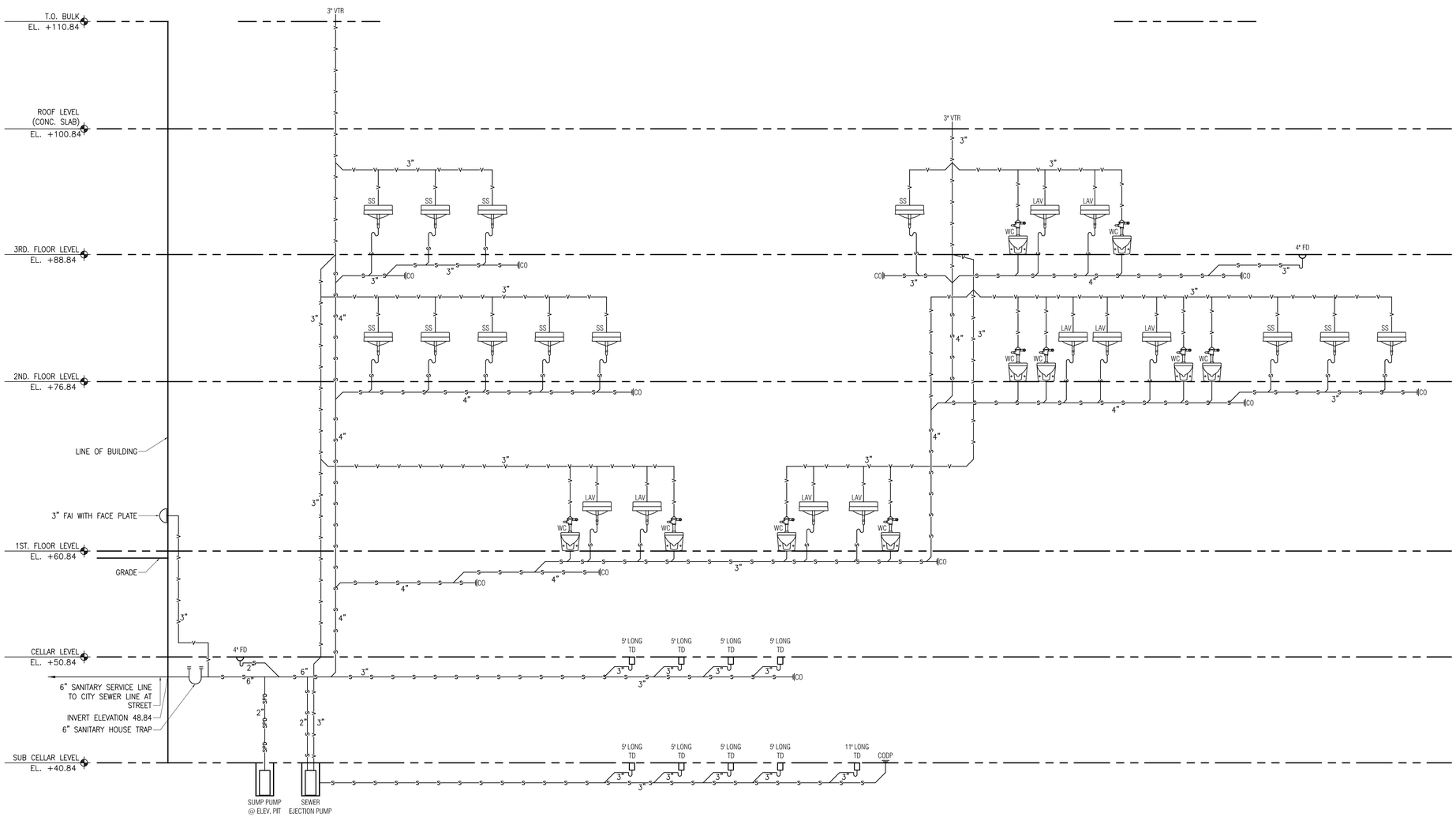
• FLOOR DRAIN (FD):	3"Ø OR 4"Ø
• WATER CLOSET (WC):	3"Ø
• SERVICE SINK (SS):	3"Ø
• LAVATORY (LAV):	1½"Ø
• SIZES OF INDIVIDUAL VENTS FROM FIXTURES:	1½"Ø

ELEVATOR PIT SUMP PUMP SPECIFICATIONS:

PUMP SHALL BE A SIMPLEX UNIT MODEL SE-50 SUBMERSIBLE SUMP PUMP AND A PART OF THE OIL-MINDER CONTROL SYSTEM, AS MANUFACTURED BY STANCOR, INC. PUMP SHALL BE RATED FOR 20 GPM AT 30' TDH, 2" DISCHARGE. MOTOR SHALL BE 1/2 HP, 3600 RPM, 208V/1PH/60HZ ELECTRICAL SERVICE. UNIT SHALL BE PROVIDED WITH THE FLOAT SWITCH TO START AND STOP THE PUMP. CONCRETE SUMP PIT SHALL BE 24" x 24" x 24D. SYSTEM SHALL BE EQUIPPED WITH A STANDARD PACKAGE, AS PROVIDED BY THE MANUFACTURER. CONTROL PANEL SHALL HAVE AN ADDITIONAL CONTACT FOR A REMOTE DIALING IN CASE OF EMERGENCY. PLUMBING CONTRACTOR SHALL WIRE THIS CONTACT TO SEND A TELEPHONE SIGNAL/MESSAGE TO THE OWNER'S OFFICE.

SEWAGE EJECTOR PUMP SPECIFICATIONS:

SEWAGE EJECTOR SHALL BE A DUPLEX UNIT MODEL VSA-4F-2-4 SUSPENDED WET-PIT SEWAGE PUMP UNIT, AS MANUFACTURED BY FEDERAL PUMP CORPORATION. EACH PUMP SHALL BE RATED 100 GPM AT 30' TDH AND SHALL HAVE A 4" DISCHARGE AND BE BUILT FOR A BASIN 36"Ø AND 60" DEEP. SEWAGE BASIN SHALL BE FIBERGLASS WITH INLET AS DETERMINED BY THE FIELD CONDITIONS. BASIN SHALL HAVE A STEEL COVER WITH REQUIRED OPENINGS FOR PUMPS, CONTROLS, MANHOLE AND VENT CONNECTION. MOTORS SHALL BE 1 1/2 HP EACH, 1750 RPM, 208V/3PH/60HZ ELECTRICAL SERVICE, OPEN, DRIP-PROOF BALL BEARING TYPE.
UNIT SHALL BE PROVIDED WITH THE FOLLOWING OPTIONS AND ACCESSORIES:
- ALTERNATING TYPE FLOAT SWITCH,
- AUXILIARY FLOAT SWITCH,
- COMPRESSION TYPE HIGH WATER ALARM SWITCH WITH INTEGRAL ALARM HORN,
- WALL MOUNTED CONTROL PANEL TYPE D1200, NEMA 1 (2 MAGNETIC STARTERS AND 2 FUSIBLE DISCONNECT SWITCHES IN ONE ENCLOSURE),
- H-O-A SWITCH AND PILOT LIGHTS.



1 / P-201 **SANITARY RISER & FLOW DIAGRAM**

SCALE : N.T.S.

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

211-02 NORTHERN BLVD.
QUEENS, NY 11361

Drawing Title:

SANITARY RISER & FLOW DIAGRAM

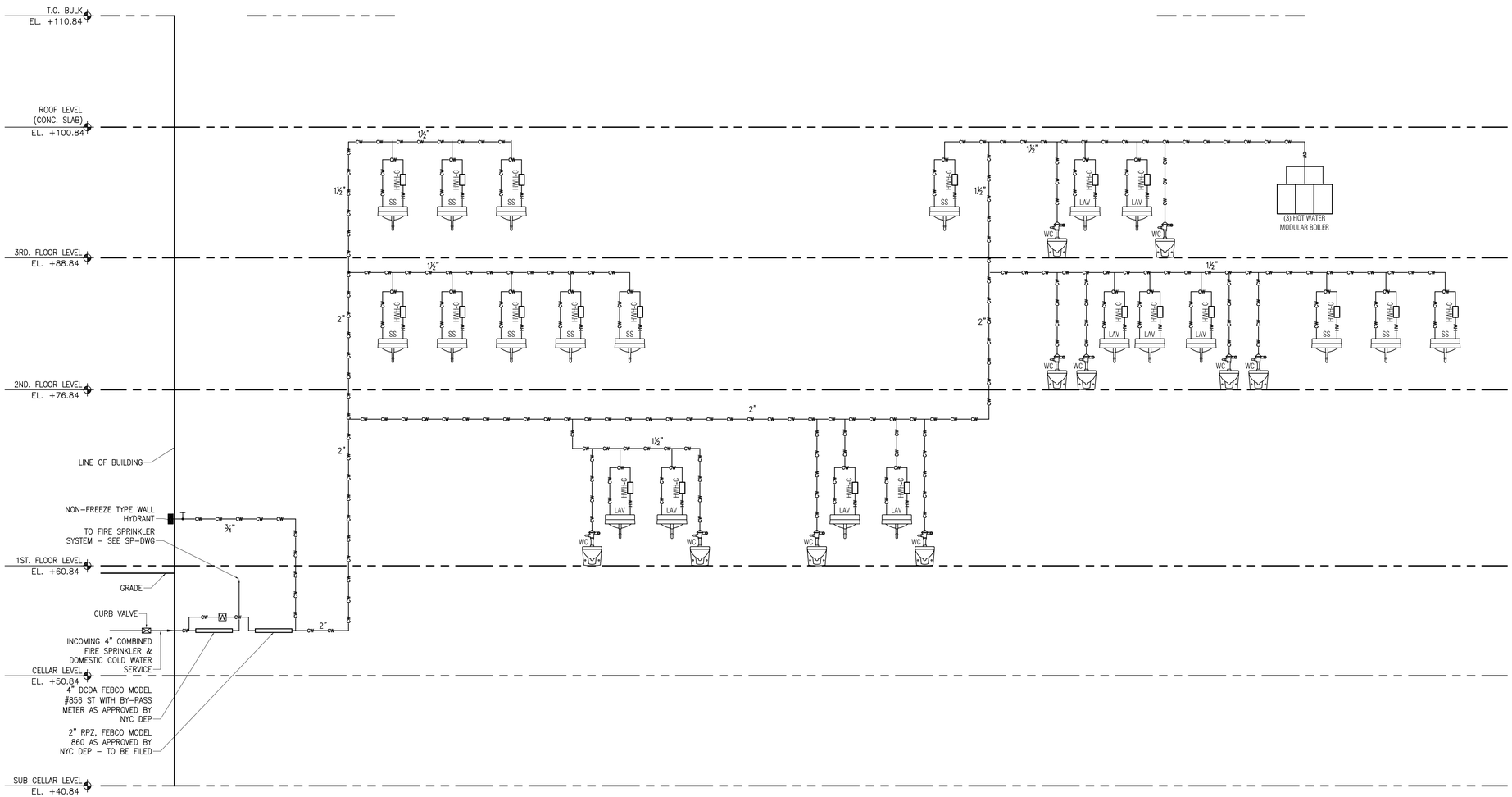
Application No.:

Seal & Signature

Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: P-201.00
Sheet No.: 48 OF 54

NOTE:

1. FOR ALL ELECTRIC HOT WATER HEATERS (HWH-C), SEE SHEET P-301.
2. PROVIDE 208 / 3 / 60 ELECTRICAL SERVICE. HEATERS SHALL BE RATED AT 24 KW.
3. ALL TAKE-OFFS FROM WATER MAIN TO PLUMBING FIXTURES SHALL BE ½" UNLESS OTHERWISE NOTED.
4. FOR SIZES FOR COLD AND HOT WATER CONNECTIONS TO PLUMBING FIXTURES REFER TO MANUFACTURER'S RECOMMENDATIONS.



1 / P-202 **DOMESTIC COLD & HOT WATER RISER & FLOW DIAGRAM**

SCALE : N.T.S.

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

211-02 NORTHERN BLVD.
QUEENS, NY 11361

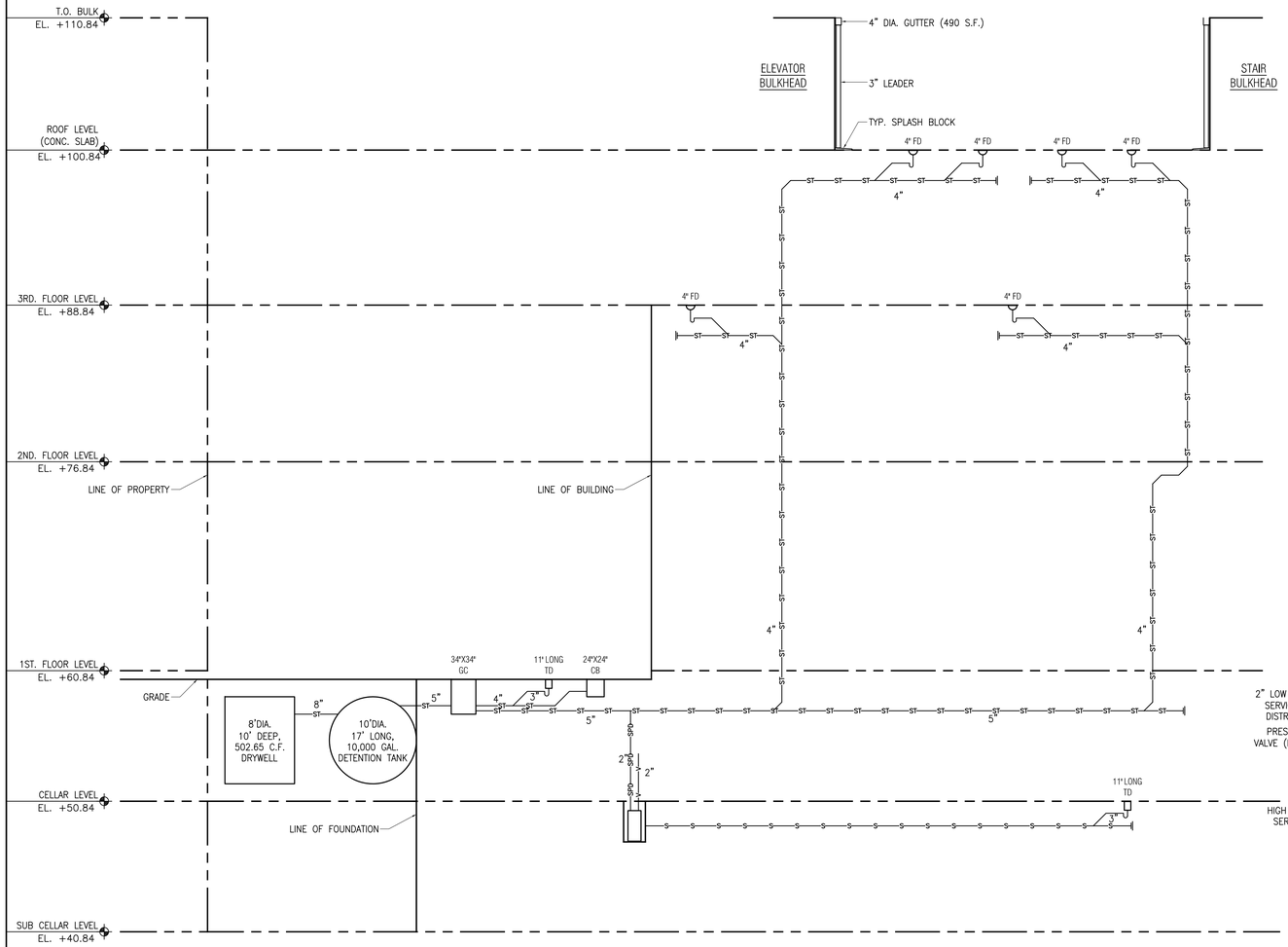
Drawing Title:

DOMESTIC COLD & HOT WATER RISER & FLOW DIAGRAM

Application No.:

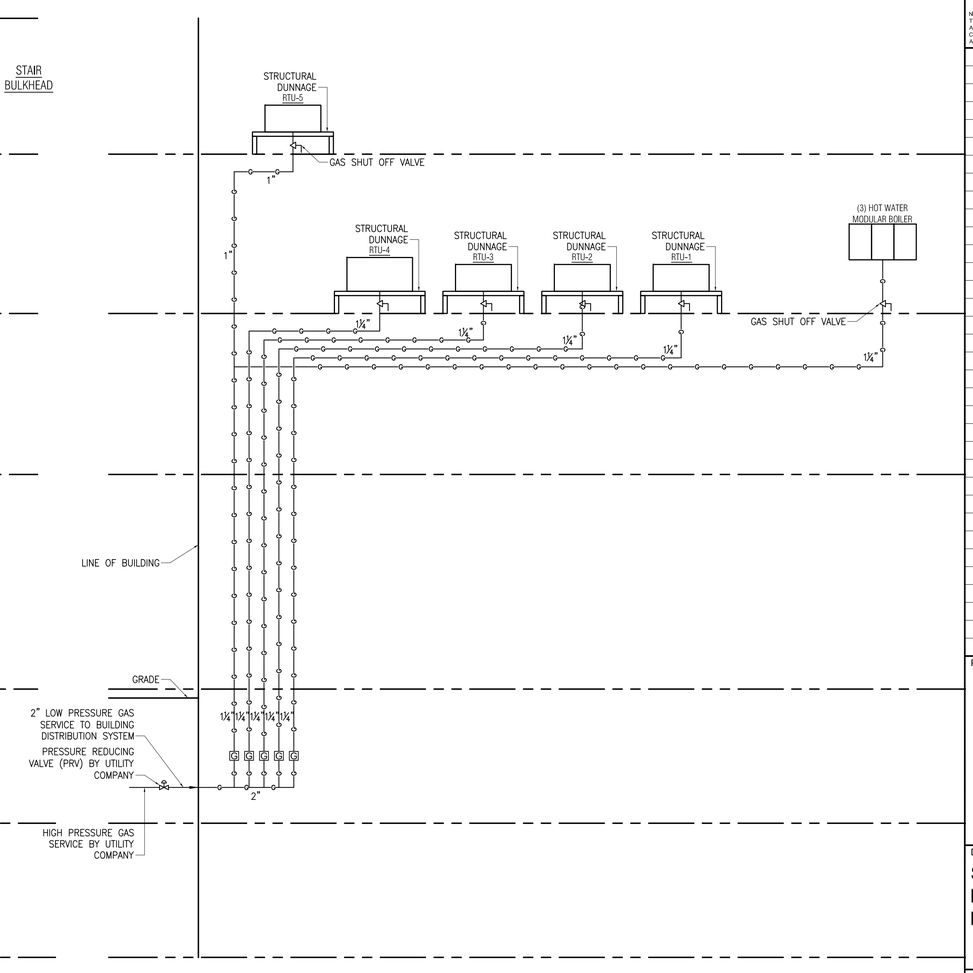
Seal & Signature

Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: P-202.00
Sheet No.: 49 OF 54



1 P-203 **STORM WATER RISER & FLOW DIAGRAM**

SCALE : N.T.S.



2 P-203 **GAS RISER & FLOW DIAGRAM**

SCALE : N.T.S.

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

211-02 NORTHERN BLVD.
QUEENS, NY 11361

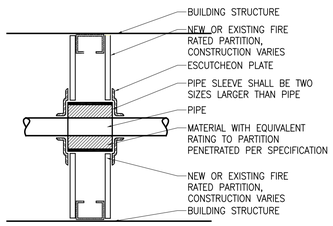
Drawing Title:

STORM WATER & GAS RISER & FLOW DIAGRAMS

Application No.:

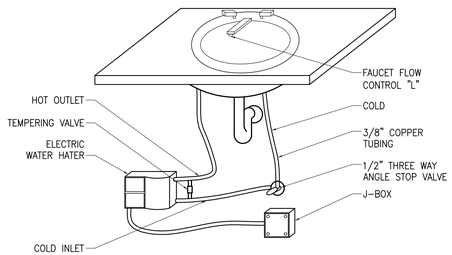
Seal & Signature

Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: P-203.00
Sheet No.: 50 OF 54



TYP. PIPE SLEEVES THROUGH WALL DETAIL

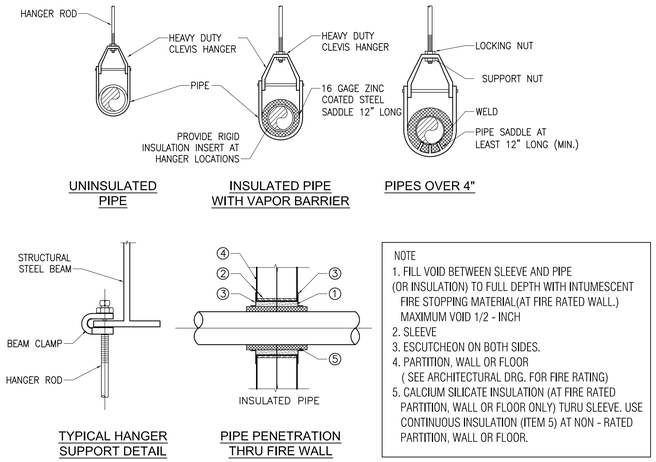
1 / P-301 SCALE: 3/4"=1'-0"



NOTE:
ELECTRIC WATER HEATER:
- ELECTRIC TANKLESS WATER HEATER, POWERSTAR MODEL AE3.4, 120 / 110 V, 29 A, 3.4 W OR EQUAL

TYP. ELECTRIC WATER HEATER

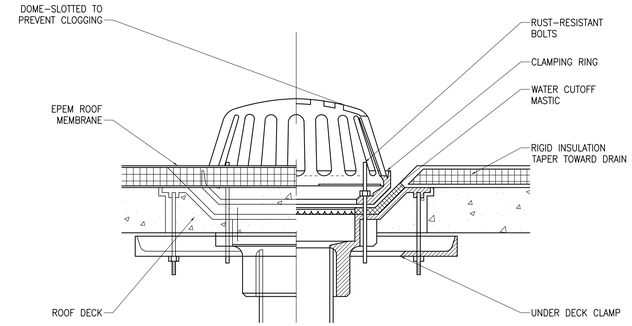
2 / P-301 SCALE: 3/4"=1'-0"



NOTE
1. FILL VOID BETWEEN SLEEVE AND PIPE (OR INSULATION) TO FULL DEPTH WITH INTUMESCENT FIRE STOPPING MATERIAL(AT FIRE RATED WALL.) MAXIMUM VOID 1/2 - INCH
2. SLEEVE
3. ESCUTCHEON ON BOTH SIDES.
4. PARTITION, WALL OR FLOOR (SEE ARCHITECTURAL DRG. FOR FIRE RATING)
5. CALCIUM SILICATE INSULATION (AT FIRE RATED PARTITION, WALL OR FLOOR ONLY) TURU SLEEVE. USE CONTINUOUS INSULATION (ITEM 5) AT NON - RATED PARTITION, WALL OR FLOOR.

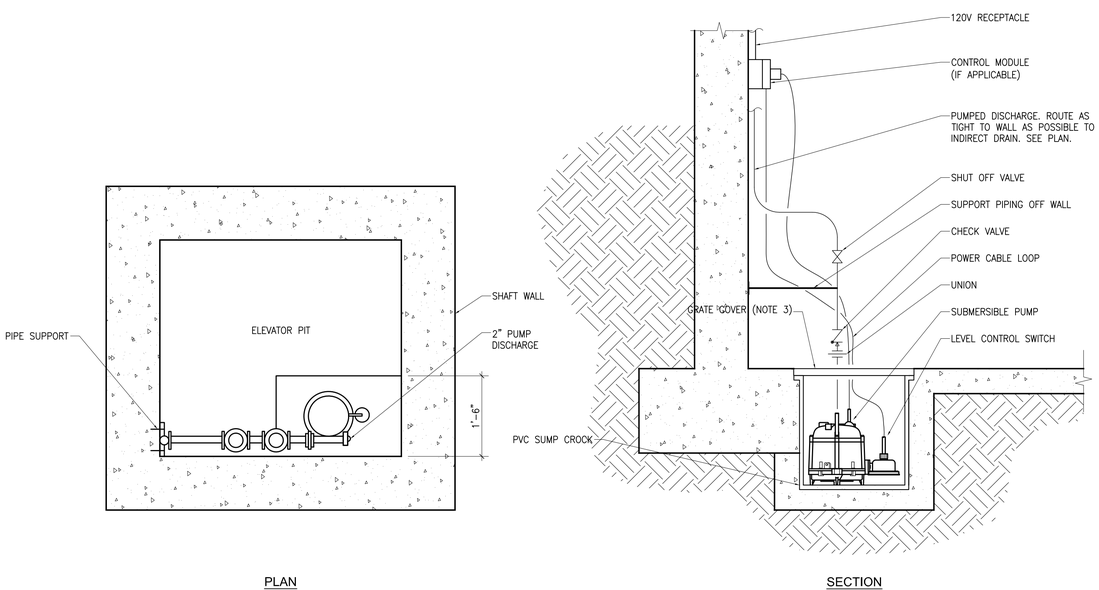
TYP. PLUMBING PIPING DETAIL

3 / P-301 SCALE: 3/4"=1'-0"



TYP. ROOF DRAIN DETAIL

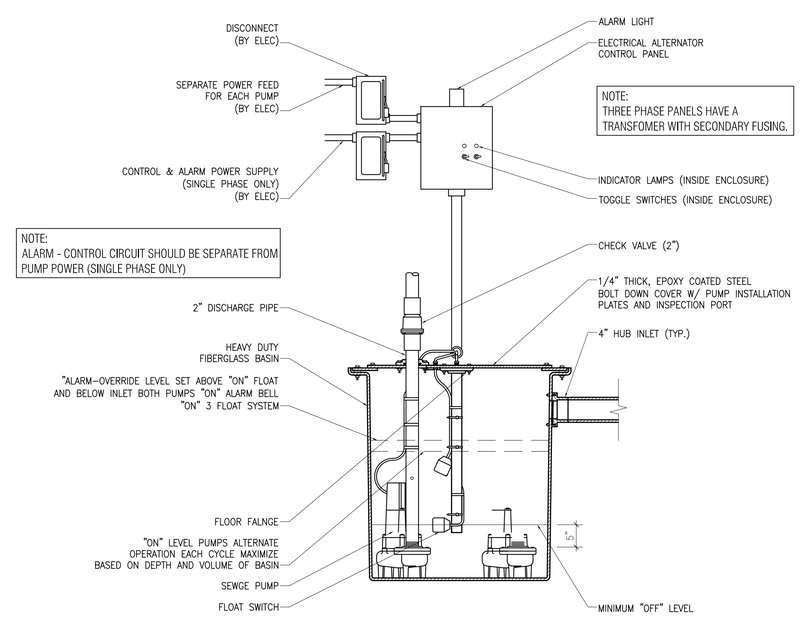
4 / P-301 SCALE: 3/4"=1'-0"



NOTES:
1. REFER TO PLUMBING FLOOR PLAN FOR BASIN ORIENTATION, PIPE SIZES, AND ELEVATIONS.
2. REFER TO PUMP SCHEDULE FOR PUMP REQUIREMENTS.
3. PROVIDE 1 INCH GALVANIZED STEEL GRATE. INSTALL FLUSH WITH ELEVATOR PIT FLOOR.
4. CHECK ELEVATOR AND PLUMBING CODES AND EXISTING CONDITIONS TO DETERMINE IF OIL SEPARATOR IS REQUIRED PRIOR TO DISCHARGE INTO SEWER.

TYP. ELEVATOR SUBMERSIBLE SIMPLEX SUMP PUMP PIPING DIAGRAM

5 / P-301 SCALE: 3/4"=1'-0"



NOTE:
THREE PHASE PANELS HAVE A TRANSFOMER WITH SECONDARY FUSING.

NOTE:
ALARM - CONTROL CIRCUIT SHOULD BE SEPARATE FROM PUMP POWER (SINGLE PHASE ONLY)

TYP. SUBMERSIBLE SUMP PUMP SYSTEM

6 / P-301 SCALE: 3/4"=1'-0"

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

211-02 NORTHERN BLVD.
QUEENS, NY 11361

Drawing Title:

DETAILS

Application No.:

Seal & Signature

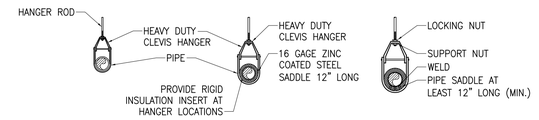
Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: P-301.00
Sheet No.: 51 OF 54

LEGEND OF DRAWING

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	UPRIGHT SPRINKLER HEAD	FS	FLOW SWITCH	TD	TRENCH DRAIN
	CONCEALED ADJUSTABLE INLET SPRINKLER HEAD		CHECK VALVE WITH ABD	FD	REDUCED PRESSURE ZONE ASSEMBLY
	PENDENT SPRINKLER HEAD		FIRE DEPARTMENT (SIAMESE CONNECTION)	RD	DOUBLE CHECK DETECTOR ASSEMBLY WITH BY-PASS METER
	PENDENT (DRY TYPE) SPRINKLER HEAD		ALARM BELL (WATER MOTOR GONG)	FAI	FRESH AIR INTAKE
	HIGH TEMPERATURE PENDENT SPRINKLER HEAD		FLOOR CONTROL VALVE SHOWN ON DIAGRAM	SAN	SANITARY PIPING
	HORIZONTAL SIDEWALL SPRINKLER HEAD		SPRINKLER LINE	GC	GRIT CHAMBER
TS	OS&Y VALVE WITH TAMPER SWITCH SHOWN ON DIAGRAM		SPRINKLER LIEN WITH HEAT TRACING & INSULATION	CB	CATCH BASIN
TS	OS&Y VALVE WITH TAMPER SWITCH SHOWN ON PLAN			DN	PIPING DOWN
	OS&Y VALVE SHOWN ON DIAGRAM			UP	PINING UP
	CURB VALVE SHOWN ON DIAGRAM			VTR	VENT THROUGH ROOF

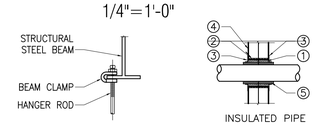
DESIGN CRITERIA INFORMATION

1. OCCUPANCY CLASSIFICATION: LIGHT AND ORDINARY HAZARDS
2. MAXIMUM COVERAGE PER SPRINKLER HEAD FOR LIGHT HAZARD IS 200 SQUARE FEET, NFPA SECTION 8.6.2.2.1, TABLE 8.6.2.2.1 (a).
3. MAXIMUM COVERAGE PER SPRINKLER HEAD FOR ORDINARY HAZARD IS 130 SQUARE FEET, NFPA SECTIO 8.6.2.2.1, TABLE 8.6.2.2.1 (b)
4. "K" FACTOR OF SPRINKLER HEADS: 5.62
5. OBSERVED FLOW: 500 GPM, 59.5 STATIC / 54 RESIDUAL PSI
6. TYPE OF SYSTEM: WET
7. DESIGN CRITERIA REQUIREMENTS ARE BASED ON:
   - NYC BUILDING CODE (2008 EDITION)
   - NFPA-13 (2002 EDITION)
   - SPRINKLER SYSTEM DESIGN IS BASED ON PIPE SCHEDULE - NFPA 13 (SECTION 14.5.2 FOR LIGHT HAZARD OCCUPANCIES) AND NFPA 13 (SECTION 14.5.3 FOR ORDINARY HAZARD OCCUPANCIES).



UNINSULATED PIPE | INSULATED PIPE WITH VAPOR BARRIER | PIPES OVER 4"

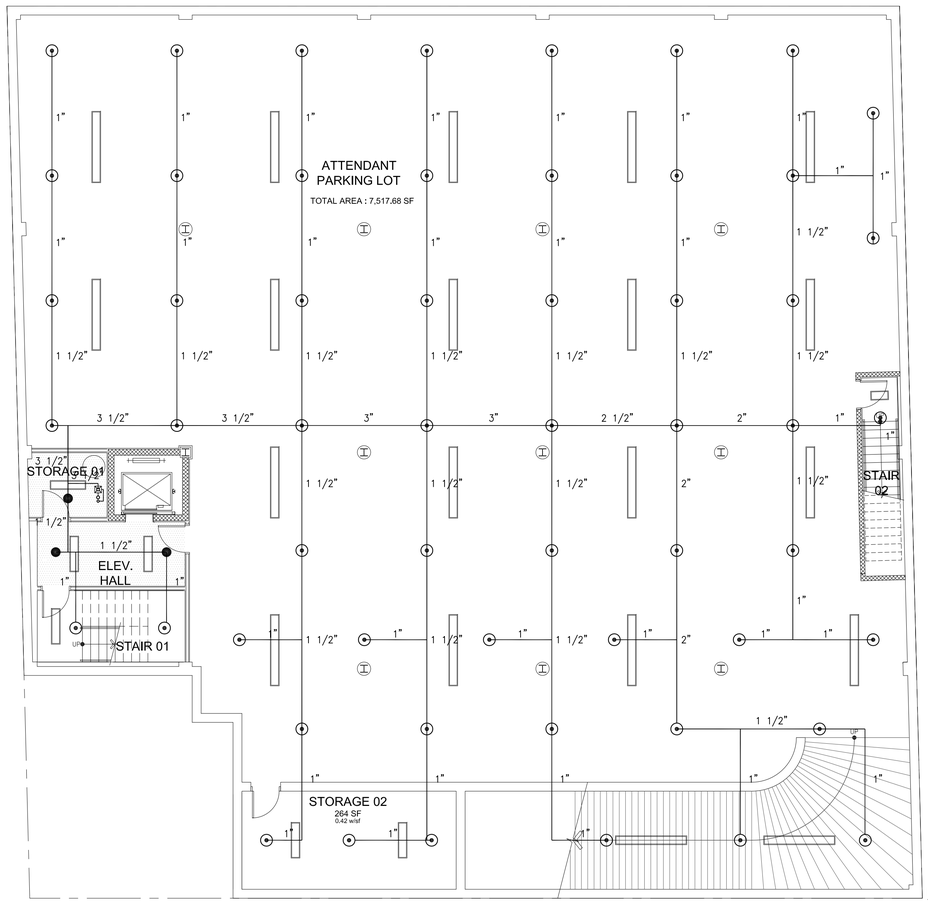
1/4"=1'-0"

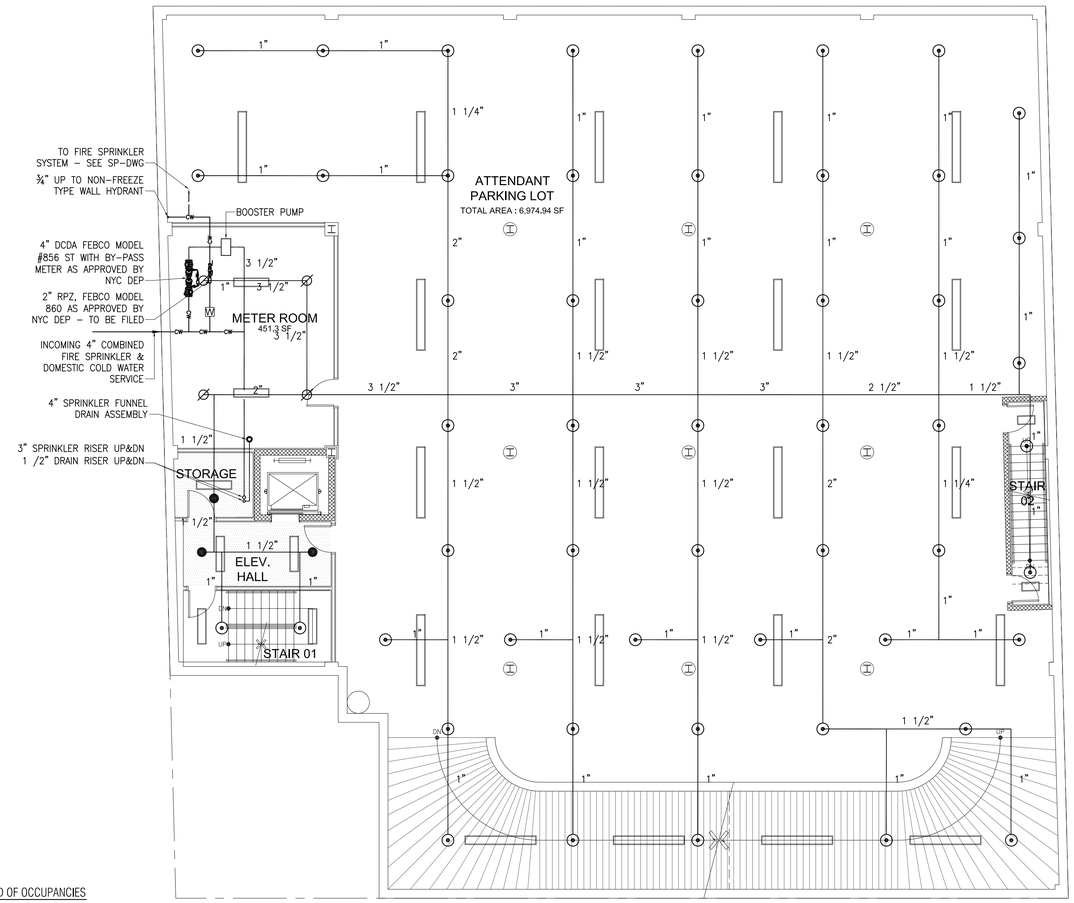


TYPICAL HANGER SUPPORT DETAIL | PIPE PENETRATION THRU FIRE WALL

NOTE
1. FILL VOID BETWEEN SLEEVE AND PIPE (OR INSULATION) TO FULL DEPTH WITH INTUMESCENT FIRE STOPPING MATERIAL(AT FIRE RATED WALL.) MAXIMUM VOID 1/2 - INCH
2. SLEEVE
3. ESCUTCHEON ON BOTH SIDES.
4. PARTITION, WALL OR FLOOR (SEE ARCHITECTURAL DRG. FOR FIRE RATING)
5. CALCIUM SILICATE INSULATION (AT FIRE RATED PARTITION, WALL OR FLOOR ONLY) TURU SLEEVE. USE CONTINUOUS INSULATION (ITEM 5) AT NON - RATED PARTITION, WALL OR FLOOR.

3 / SP-101 **PIPING DETAIL**
SCALE: 3/8"=1'-0"





HAZARD OF OCCUPANCIES

- LIGHT HAZARD (PROTECTION AREA 200 SQ.FT. / HEAD): ELEVATOR LOBBY AND STAIR
- ORDINARY HAZARD (PROTECTION AREA 130 SQ.FT. / HEAD): STORAGE, UTILITY ROOM AND PARKING AREA
- 58 SPRINKLER HEADS ON SUB CELLAR
- 59 SPRINKLER HEADS ON CELLAR

1 / SP-101 **SUB CELLAR FLOOR FIRE SPRINKLER PLAN**
SCALE : 1/8" = 1'-0"

2 / SP-101 **CELLAR FLOOR FIRE SPRINKLER PLAN**
SCALE : 1/8" = 1'-0"

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

211-02 NORTHERN BLVD.
QUEENS, NY 11361

Drawing Title:

SUB CELLAR & CELLAR FLOOR FIRE SPRINKLER PLANS, DETAIL

Application No.:

Seal & Signature

Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: SP-101.00
Sheet No.: 52 OF 54

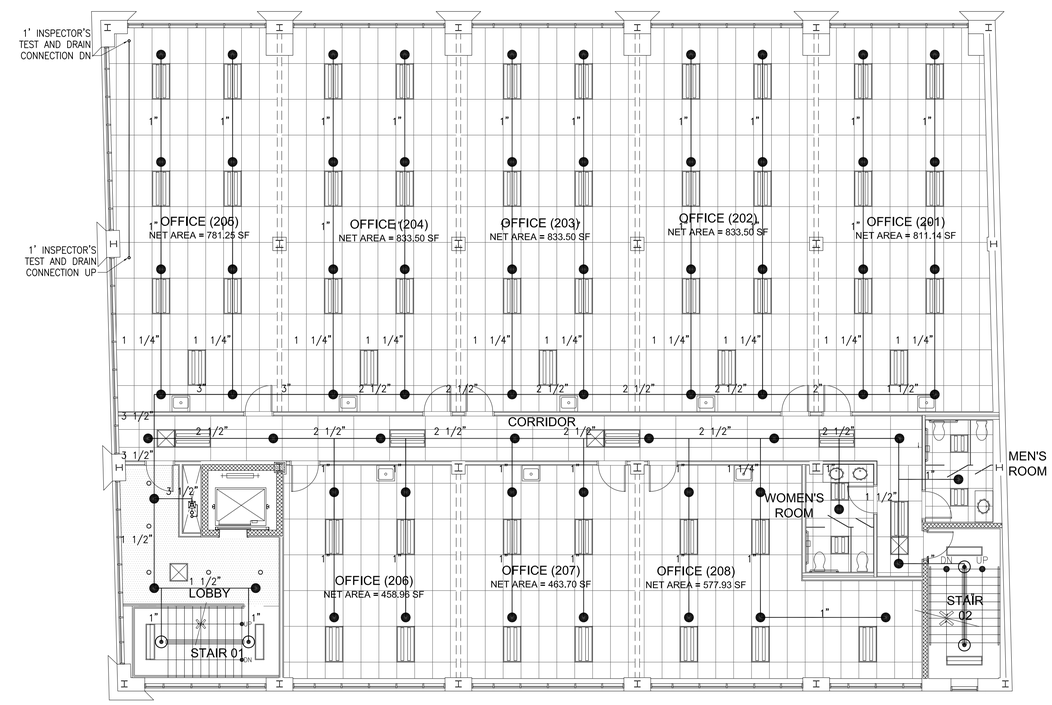
SCHEDULE OF SPRINKLER HEADS

NOTE:
1. EXTENDED COVERAGE SIDEWALL HEADS TO BE INSTALLED 6" TO 12" FROM CEILING TO DEFLECTOR.
2. STANDARD RESPONSE SIDEWALL HEADS TO BE INSTALLED 4" TO 6" FROM CEILING TO DEFLECTOR.
3. FINISH OF ALL SPRINKLER HEADS AND COVER PLATES SUBJECT TO ARCHITECTS APPROVAL.
4. PROVIDE WIRE METAL GUARDS FOR ALL HEADS BELOW 7'-0" A.F.F.

SYMBOL	MANUFACTURER & MODEL NO.	TYPE	LOCATION	FINISH & REMARKS	TEMP. RATING	'K' FACTOR	SF.HEAD COVERAGE	ORIFICE	MIN. PRESS	APPROVALS
⊙	"RELIABLE" MODEL 'F1'	UPRIGHT	WHERE INDICATED ON PLANS	NATURAL BRONZE	155°	5.6	---	1/2"	7#	UL/FM
●	"RELIABLE" MODEL 'F1'	CONCEALED ADJUSTABLE	WHERE INDICATED ON PLANS	WHITE CEILING	165°	5.6	---	1/2"	7#	UL/FM
∅	"RELIABLE" MODEL 'F156-300'	CONCEALED	WHERE INDICATED ON PLANS	NATURAL BRONZE	155°	5.6	---	1/2"	7#	UL/FM

FIRE BUSTER PUMP

SERVICE OR PURPOSE	LOCATION	NO. OF PUMPS	MANUFACTURER & MODEL NO.	PUMP DATA			MOTOR DATA	
				GPM	HEAD IN PSI	5.6	RPM	HP
FIRE BOOSTER PUMP	CELLAR METER ROOM	1	ITT A-C FIRE PUMP SERIES 1580	500	600	4X4X7F	3550	25



HAZARD OF OCCUPANCIES

- LIGHT HAZARD (PROTECTION AREA 200 SQ.FT./HEAD):
  OFFICE, TOILET, ELEVATOR LOBBY AND STAIR
- ORDINARY HAZARD (PROTECTION AREA 130 SQ.FT. / HEAD):
  RETAIL STORE
- 59 SPRINKLER HEADS ON FIRST FLOOR
- 68 SPRINKLER HEADS ON SECOND FLOOR

1 / SP-102 **FIRST FLOOR FIRE SPRINKLER PLAN**
SCALE : 1/8" = 1'-0"

2 / SP-102 **SECOND FLOOR FIRE SPRINKLER PLAN**
SCALE : 1/8" = 1'-0"

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

211-02 NORTHERN BLVD.
QUEENS, NY 11361

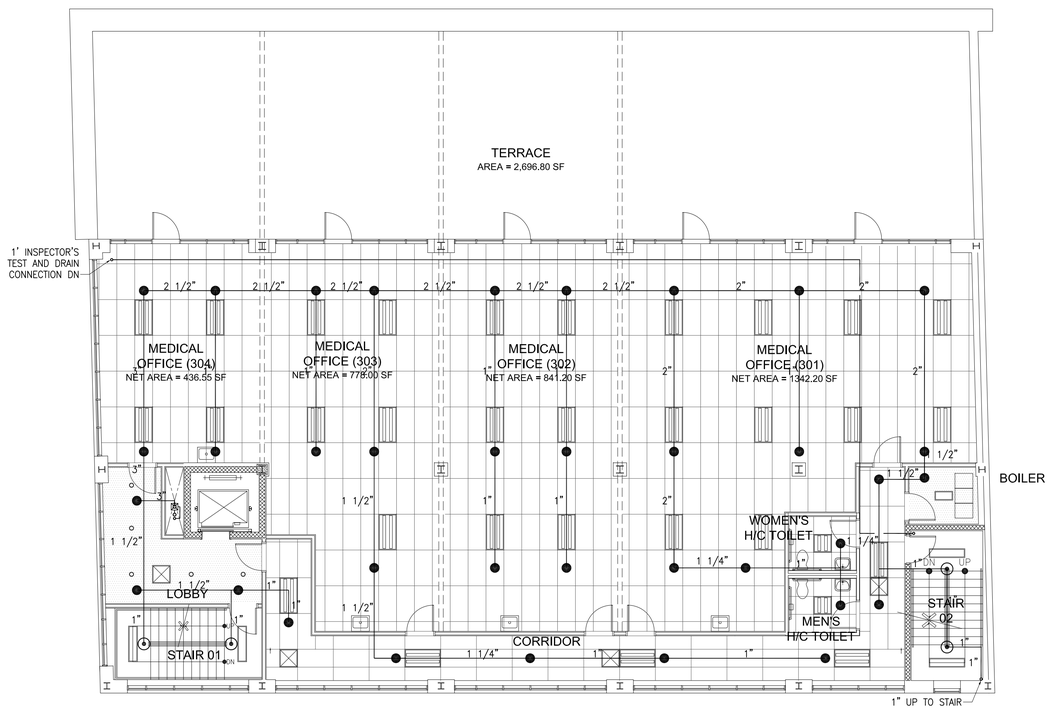
Drawing Title:

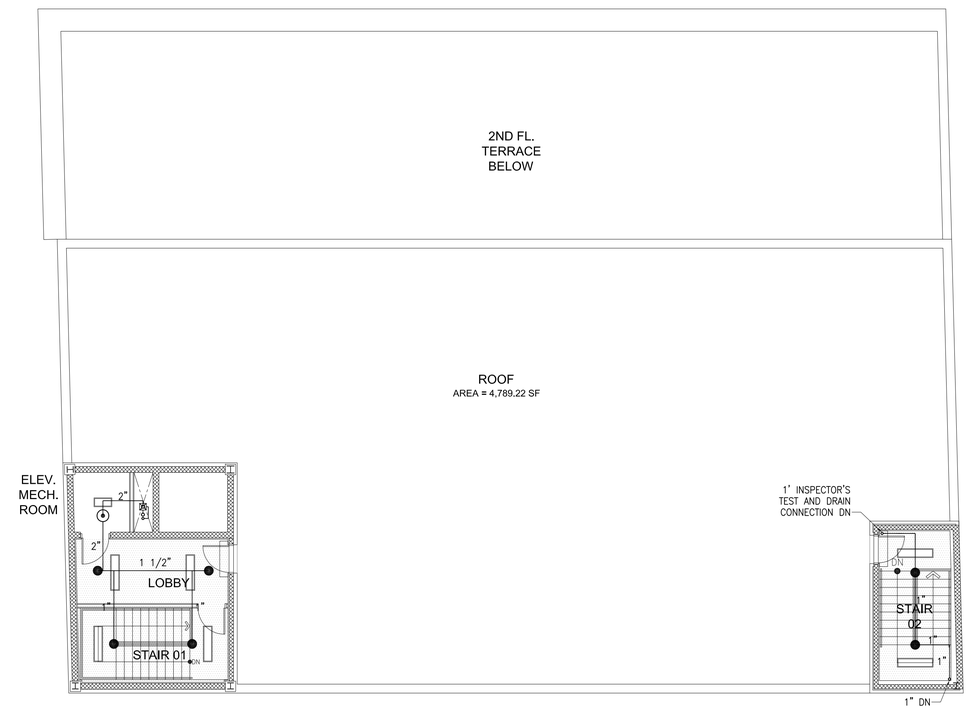
FIRST & SECOND FLOOR FIRE SPRINKLER PLANS

Application No.:

Seal & Signature

Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: SP-102.00
Sheet No.: 53 OF 54





HAZARD OF OCCUPANCIES

- LIGHT HAZARD (PROTECTION AREA 200 SQ.FT./HEAD): MEDICAL OFFICE, TOILET, ELEVATOR LOBBY AND STAIR
- 40 SPRINKLER HEADS ON THIRD FLOOR
- 7 SPRINKLER HEADS ON ROOF

1 / SP-103 **THIRD FLOOR FIRE SPRINKLER PLAN**

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

2 / SP-103 **ROOF FLOOR FIRE SPRINKLER PLAN**

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

TL ENGINEERING P.C.
Architect & P.E. Group
163-07 NORTHERN BLVD., SUITE 102
FLUSHING, NY 11358
Tel: 718-353-8137 Fax: 718-679-9222
E-mail: info@leeenggroup.com

NOTE:
THE PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

No.	Revision Description	Date
	DOB FILING SET	12/15/2014

Project:

NEW 3 STORY COMMERCIAL BUILDING

211-02 NORTHERN BLVD.
QUEENS, NY 11361

Drawing Title:

THIRD & ROOF FLOOR FIRE SPRINKLER PLANS

Application No.:

Seal & Signature

Date: 10/10/2014
Project No.: 14044-4
Drawn By: JC,TK
Checked by: SL
Dwg No.: SP-103.00
Sheet No.: 54 OF 54